

DATE 06/14/2011

Columbia County Building Permit
This Permit Must Be Prominently Posted on Premises During Construction**PERMIT**
000029474

APPLICANT JOHN D. HARRINGTON PHONE 386-462-5323
ADDRESS 24015 NW OLD BELLAMY RD HIGH SPRINGS FL 32643
OWNER KENNETH & NANCY DAVIES PHONE 786-514-5003
ADDRESS 1040 SE ADAMS ST HIGH SPRINGS FL 32643
CONTRACTOR JOHN D. HARRINGTON JR PHONE 386-462-5323
LOCATION OF PROPERTY 441 S. L ADAMS ST, GO APPROX. 1 MILE ON RIGHT
MH ON PROPERTY
TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 81500.00
HEATED FLOOR AREA 1580.00 TOTAL AREA 1630.00 HEIGHT 17.00 STORIES 1
FOUNDATION CONCRETE WALLS BLOCK ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING AG-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 10-7S-17-09971-007 SUBDIVISION BICENTENNIAL ACRES
LOT 12 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 5.00

CGC1516998
Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor [Signature]
EXISTING 11-0260 BK HD N
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: NOC ON FILE

FLOOR ONE FOOT ABOVE THE ROAD

AFFIDAVIT ON FILE- MH REMOVED WITHIN 45 DAYS OF CO

Check # or Cash 4280**FOR BUILDING & ZONING DEPARTMENT ONLY**

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by _____ date/app. by _____ date/app. by _____
Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by _____ date/app. by _____ date/app. by _____
Framing _____ Insulation _____
date/app. by _____ date/app. by _____
Rough-in plumbing above slab and below wood floor _____ Electrical rough-in _____
date/app. by _____ date/app. by _____
Heat & Air Duct _____ Peri. beam (Lintel) _____ Pool _____
date/app. by _____ date/app. by _____ date/app. by _____
Permanent power _____ C.O. Final _____ Culvert _____
date/app. by _____ date/app. by _____ date/app. by _____
Pump pole _____ Utility Pole _____ M/H tie downs, blocking, electricity and plumbing _____
date/app. by _____ date/app. by _____ date/app. by _____
Reconnection _____ RV _____ Re-roof _____
date/app. by _____ date/app. by _____ date/app. by _____

BUILDING PERMIT FEE \$ 410.00 CERTIFICATION FEE \$ 8.15 SURCHARGE FEE \$ 8.15MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$ _____FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ n/c CULVERT FEE \$ _____ TOTAL FEE 476.30INSPECTORS OFFICE [Signature] CLERKS OFFICE [Signature]

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Handwritten text, possibly a signature or name, located in the upper left quadrant of the page.



12501 US Hwy 441

Alachua, FL 32615

Office (386) 462-5323

Fax (888) 769-0105

August 22, 2011

Columbia County Building Department
135 NE Hernando Ave.
Lake City, Florida 32055

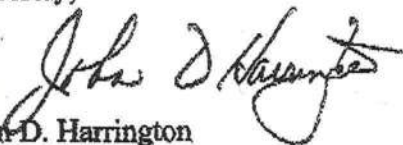
Re: Kenneth & Nancy Davies
Permit # 000029474

FAX: 386-758-2160

Dear Sir or Madam:

Please be advised that we have complete the construction of the shell, and would like to withdraw our permit.

Sincerely,



John D. Harrington

LN spoke w/ Daniel on
8.22.11
Ken Davies
#786 SIA. 5003
ABOUT
NEW
completion
Remodel

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)	X
1. EXTERIOR DOORS				
A. SWINGING	Masonite	Entry Door	FL 19.1	
B. SLIDING	HR Danvid	Glass Door	FI6396.1,6396.2	
C. SECTIONAL/ROLL UP	Overhead Door	Garage door	FL 674	
D. OTHER				
2. WINDOWS				
A. SINGLE/DOUBLE HUNG	Silver Line	Single hung window	FL 6163.1	
B. HORIZONTAL SLIDER				
C. CASEMENT				
D. FIXED	Silver Line		FL 6163.1	
E. MULLION	Silver Line	Mull Bar	FL 6067.4	
F. SKYLIGHTS				
G. OTHER / GLASS BLOCK	Hy-Lite	Glass Block window	FL 1956.3	
3. PANEL WALL				
A. SIDING				
B. SOFFITS	Kaycan	Aluminum soffits	FL 1146.5	
C. STOREFRONTS				
D. GLASS BLOCK				
F. OTHER				
4. ROOFING PRODUCTS				
A. ASPHALT SHINGLES	Tamko	Heritage 38-R	FL 1956.3	
B. NON-STRUCT METAL				
C. ROOFING TILES				
D. SINGLE PLY ROOF				
E. OTHER				
5. STRUCT COMPONENTS				
A. WOOD CONNECTORS				
B. WOOD ANCHORS	Simpson	Truss anchors	1901.17 1901.45	
C. TRUSS PLATES			1901.25 1901.21	
D. INSULATION FORMS				
E. LINTELS	Cement Precast	Concrete lintels	FI 3048	
F. TRUSSES	Julius Lee Engineering	engineer	34869	
6. NEW EXTERIOR ENVELOPE PRODUCTS				
A.				

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite: 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.


APPLICANT SIGNATURE

DATE

Julius Lee

RE: 372536 - HOUSECRAFT HOMES - DAVIES RES.

**1109 Coastal Bay Blvd.
Boynton Beach, FL 33435**

Site Information:

Project Customer: HOUSECRAFT HOMES Project Name: 372536 Model: DAVIES RES.
Lot/Block: Subdivision:
Address: 1040 SE ADAMS ST
City: COLUMBIA CTY State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name: JOHN D. HARRINGTON License #: CGC038861
Address: 24113 NW OLD BELLAMY RD
City: HIGH SPRINGS, State: FL

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2007/TPI2002 Design Program: MiTek 20/20 7.3
Wind Code: ASCE 7-05 Wind Speed: 110 mph Floor Load: N/A psf
Roof Load: 32.0 psf

This package includes 15 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.
This document processed per section 16G15-23.003 of the Florida Board of Professionals Rules

In the event of changes from Builder or E.O.R. additional coversheets and drawings may accompany this coversheet. The latest approval dates supersede and replace the previous drawings.

No.	Seal#	Truss Name	Date
1	I4733106	CJ1	5/11/011
2	I4733107	CJ3	5/11/011
3	I4733108	CJ5	5/11/011
4	I4733109	EJ7	5/11/011
5	I4733110	HJ9	5/11/011
6	I4733111	T01	5/11/011
7	I4733112	T02	5/11/011
8	I4733113	T03	5/11/011
9	I4733114	T04	5/11/011
10	I4733115	T05	5/11/011
11	I4733116	T06	5/11/011
12	I4733117	T07	5/11/011
13	I4733118	T08	5/11/011
14	I4733119	T09	5/11/011
15	I4733120	T09G	5/11/011

The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Builders FirstSource (Lake City).

Truss Design Engineer's Name: Julius Lee

My license renewal date for the state of Florida is February 28, 2013.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Chapter 2.



Job 372536	Truss CJ1	Truss Type JACK	Qty 8	Ply 1	HOUSECRAFT HOMES - DAVIES RES. Job Reference (optional) 7.250 s Nov 19 2010 MiTek Industries, Inc. Wed May 11 14:08:45 2011 Page 1 ID:PrSxMHAjRlibmYs0xgjKvzIWc?-tkLArLVYFUj0SNj2SD851dUdh0sojDB0QWg1hzHYb0	I4733106
Builders FirstSource, Lake City, FL 32055						

Scale = 1/9.6

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2'-0'-0"	TC 0.36	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.01	Vert(LL) -0.00 2 >999 360		
BCLL 0.0 *	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.00 2 >999 240		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.00 3 n/a n/a	Weight: 7 lb	FT = 20%
	Code FBC2007/TPI2002		Wind(LL) 0.00 2 **** 240		

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

REACTIONS (lb/size) 2=265/0-7-8, 4=5/Mechanical, 3=-99/Mechanical

Max Horz 2=109(LC 6)

Max Uplift 2=-370(LC 6), 3=-99(LC 1)

Max Grav 2=265(LC 1), 4=14(LC 2), 3=176(LC 6)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (8-9)

1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6" tall by 2'-0" wide will fit between the bottom chord and any other members.

4) All bearings are assumed to be SYP No.2

5) Refer to girder(s) for truss to truss connections.

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 370 lb uplift at joint 2 and 99 lb uplift at joint 3.

7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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

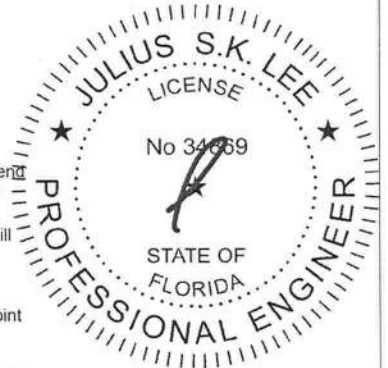
LOAD CASE(S) Standard

BRACING

TOP CHORD Structural wood sheathing directly applied or 1'-0" oc purlins.

BOT CHORD Rigid ceiling directly applied or 10'-0" oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.



May 11, 2011



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MH-7473 BEFORE USE.

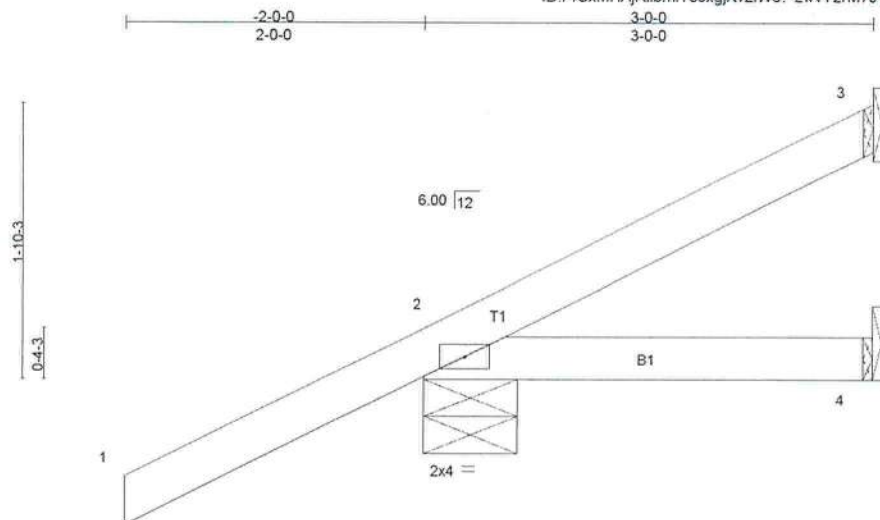
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, D58-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onotrio Drive, Madison, WI 53719.

Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT HOMES - DAVIES RES.	14733107
372536	CJ3	JACK	8	1		

Builders FrstSource, Lake City, FL 32055

Job Reference (optional)
7.250 s Nov 19 2010 MiTek Industries, Inc. Wed May 11 14:06:46 2011 Page 1
ID:PrSxMHAjRlbnlYs0xgjKvziWc?-LwvY2rM7JYcaebyvc9kNeFAeR4MQXATKE4GEa7zHYb?



LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.42	Vert(LL) -0.00	2-4	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.05	Vert(TL) -0.00	2-4	>999	240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2007/TPI2002	(Matrix)	Wind(LL) 0.00	2	***	240	Weight: 13 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD
BOT CHORD

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

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

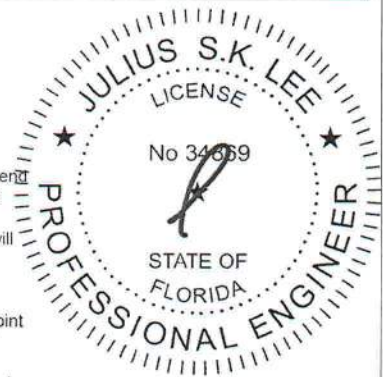
REACTIONS (lb/size) 3=16/Mechanical, 2=264/0-7-8, 4=13/Mechanical
Max Horz 2=166(LC 6)
Max Uplift 3=30(LC 7), 2=-289(LC 6)
Max Grav 3=21(LC 4), 2=264(LC 1), 4=39(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (8-9)

- 1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) All bearings are assumed to be SYP No.2.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 3 and 289 lb uplift at joint 2.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



May 11, 2011

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MH-7473 BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, D58-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Oroville Drive, Madison, WI 53719.

Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Job 372536	Truss CJ5	Truss Type JACK	Qty 8	Ply 1	HOUSECRAFT HOMES - DAVIES RES.	I4733108
					Job Reference (optional)	
Builders FirstSource, Lake City, FL 32055					7.250 s Nov 19 2010 MiTek Industries, Inc. Wed May 11 14:08:46 2011 Page 1 ID: PrSxMHAjRlibmYs0xgiKvzIWc?-LwvY2rM7JYcaeyvc9kNeFAeR4KpXATKE4GEa7zHYb?	

Scale = 1:19.7

LOADING (psf)	SPACING	CSI	DEFL		PLATES	GRIP
TCLL 20.0	Plates Increase 2'-0'-0" 1.25	TC 0.42	Vert(LL) -0.02	in (loc) 2-4	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.15	Vert(TL) -0.04	2-4		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00	3		
BCDL 5.0	Code FBC2007/TPI2002	(Matrix)	Wind(LL) 0.00	2		
				****	Weight: 19 lb	FT = 20%

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 4 SYP No.2

REACTIONS (lb/size) 3=94/Mechanical, 2=304/0-7-8, 4=23/Mechanical

Max Horz 2=224(LC 6)

Max Uplift 3=-104(LC 6), 2=-280(LC 6)

Max Grav 3=94(LC 1), 2=304(LC 1), 4=69(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES (8-9)

1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.

4) All bearings are assumed to be SYP No.2

5) Refer to girder(s) for truss to truss connections.

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 104 lb uplift at joint 3 and 280 lb uplift at joint 2.

7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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

LOAD CASE(S) Standard

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.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

May 11, 2011



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M11-7473 BEFORE USE.

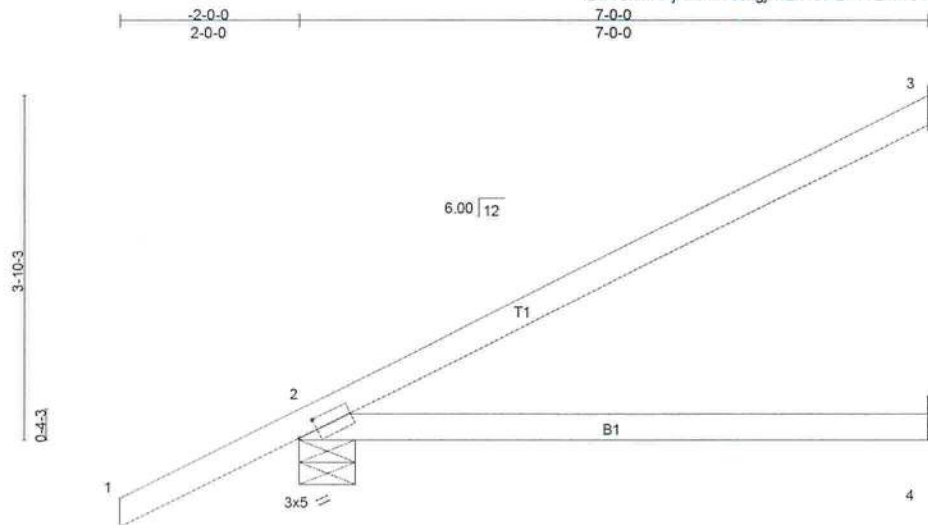
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Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Job 372536	Truss EJ7	Truss Type MONO TRUSS	Qty 20	Ply 1	HOUSECRAFT HOMES - DAVIES RES.	14733109
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Builders FrstSource, Lake City, FL 32055

Job Reference (optional)
7.250 s Nov 19 2010 MiTek Industries, Inc. Wed May 11 14:08:46 2011 Page 1
ID:PrSxMHAjRlibmlyS0xgjKvzIWc?LwvY2rM7JYcaebyvc9kNeFAc94lvXATKE4GEa7zHYb?



Scale = 1:24.5

Plate Offsets (X,Y): [2-0-2-10,0-1-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.57	Vert(LL)	-0.08	2-4	>992	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.27	Vert(TL)	-0.15	2-4	>520	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2007/TPI2002		(Matrix)	Wind(LL)	0.06	2-4	>999	240	Weight: 26 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD
BOT CHORD

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

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

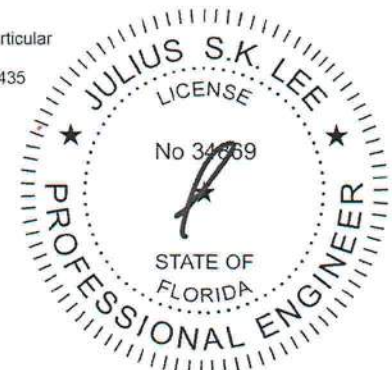
REACTIONS (lb/size) 3=151/Mechanical, 2=359/0-7-8, 4=39/Mechanical
Max Horz 2=203(LC 6)
Max Uplift 3=111(LC 6), 2=203(LC 6)
Max Grav 3=151(LC 1), 2=359(LC 1), 4=93(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

- 1) Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) All bearings are assumed to be SYP No.2
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 111 lb uplift at joint 3 and 203 lb uplift at joint 2.
- 7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- 9) Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



May 11, 2011



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MH-7473 BEFORE USE.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Oro Drive, Madison, WI 53719.

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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT HOMES - DAVIES RES.	14733110
372536	HJ9	MONO TRUSS	4	1	Job Reference (optional)	

Buildings FileSource: Lake City, FL 32055

7.250 s Nov 19 2010 MiTek Industries, Inc. Wed May 11 14:08:47 2011 Page 2
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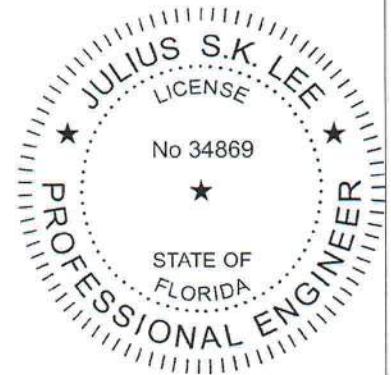
LOAD CASE(S) Standard

Uniform Loads (plf)

Vert 1 4=-54, 7-8=-10

Concentrated Loads (lb)

Vert 8=-79(F=-40, B=-40) 9=79(F=38, B=38) 10=-79(F=-40, B=-40) 11=11(F=5, B=5) 12=-6(F=-3, B=-3) 13=-26(F=-13, B=-13)



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May 11, 2011



WARNING: - Design & use parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MIT-7473 BEFORE USE.
Design valid for use only with Mittek connectors. This design is based only upon parameters shown, and is for an individual building component.
Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DS8-89 and BC311 Building Component**
Safety Information: available from Truss Plate Institute, 583 D'Oroville Drive, Madison, WI 53719.

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Boynton, FL 33435

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT HOMES - DAVIES RES.
372536	T01	HIP	2	1	14733111

Builders FirstSource, Lake City, FL 32055

7.250 s Nov 19 2010 MiTek Industries, Inc. Wed May 11 14:08:48 2011 Page 2
ID:PrSxMHAjRlbnlYs0xgKvzIWc7-IJ0ITXONqAsltv6ljamrgFuKuw_?rNdiOLd0zHYaz

11) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-6=-54, 6-8=-54, 2-7=-10

Concentrated Loads (lb)

Vert: 3=-195(F) 6=-195(F) 10=-59(F) 11=-178(F) 9=-178(F) 12=-97(F) 13=-97(F) 14=-97(F) 15=-97(F) 16=-97(F) 17=-97(F) 18=-97(F) 19=-97(F) 20=-29(F) 21=-29(F) 22=-29(F) 23=-29(F) 24=-29(F) 25=-29(F)



May 11, 2011



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Job 372536	Truss T02	Truss Type HIP	Qty 2	Ply 1	HOUSECRAFT HOMES - DAVIES RES.	I4733112
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Builders FirstSource, Lake City, FL 32055

Job Reference (optional)

7.250 s Nov 19 2010 MiTek Industries, Inc. Wed May 11 14:08:49 2011 Page 1
ID:PrSxMHAjRlbiMlYs0xgKvzIWc?-mVahhtO?bT_9V3hUHlH4Gto8AIFNkQ4nx2Uu9SzHYay



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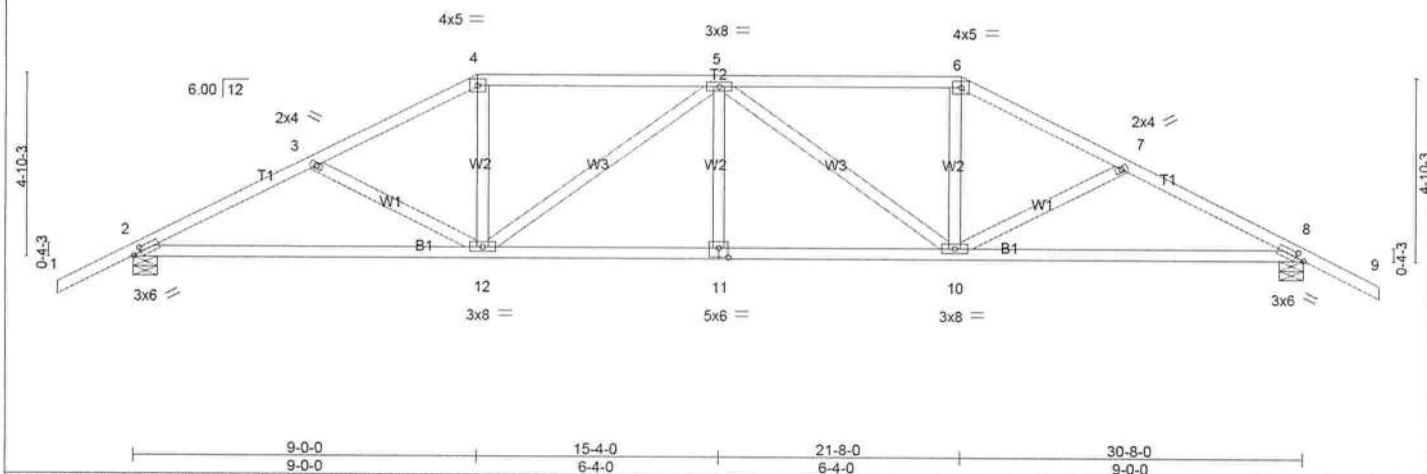


Plate Offsets (X,Y): [2-0-2-10,0-1-8], [8-0-2-10,0-1-8], [11-0-3-0,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.46	Vert(LL) -0.16	2-12	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.55	Vert(TL) -0.30	2-12	>999	240		
BCLL 0.0	Rep Stress Incr YES	WB 0.46	Horz(TL) 0.08	8	n/a	n/a		
BCDL 5.0	Code FBC2007/TPI2002	(Matrix)	Wind(LL) 0.14	11	>999	240		
							Weight: 156 lb	FT = 20%

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 4-9-0 oc purlins.
Rigid ceiling directly applied or 6-7-11 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1086/0-7-8, 8=1086/0-7-8
Max Horz 2=112(LC 6)
Max Uplift 2=405(LC 6), 8=405(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-1715/1215, 3-4=-1504/1092, 4-5=-1310/1048, 5-6=-1310/1048, 6-7=-1504/1092, 7-8=-1715/1215
BOT CHORD 2-12=-866/1453, 11-12=-889/1604, 10-11=-889/1604, 8-10=-866/1453
WEBS 4-12=-218/398, 5-12=-448/287, 5-10=-448/287, 6-10=-218/398

NOTES (9-10)

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- All bearings are assumed to be SYP No.2.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 405 lb uplift at joint 2 and 405 lb uplift at joint 8.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



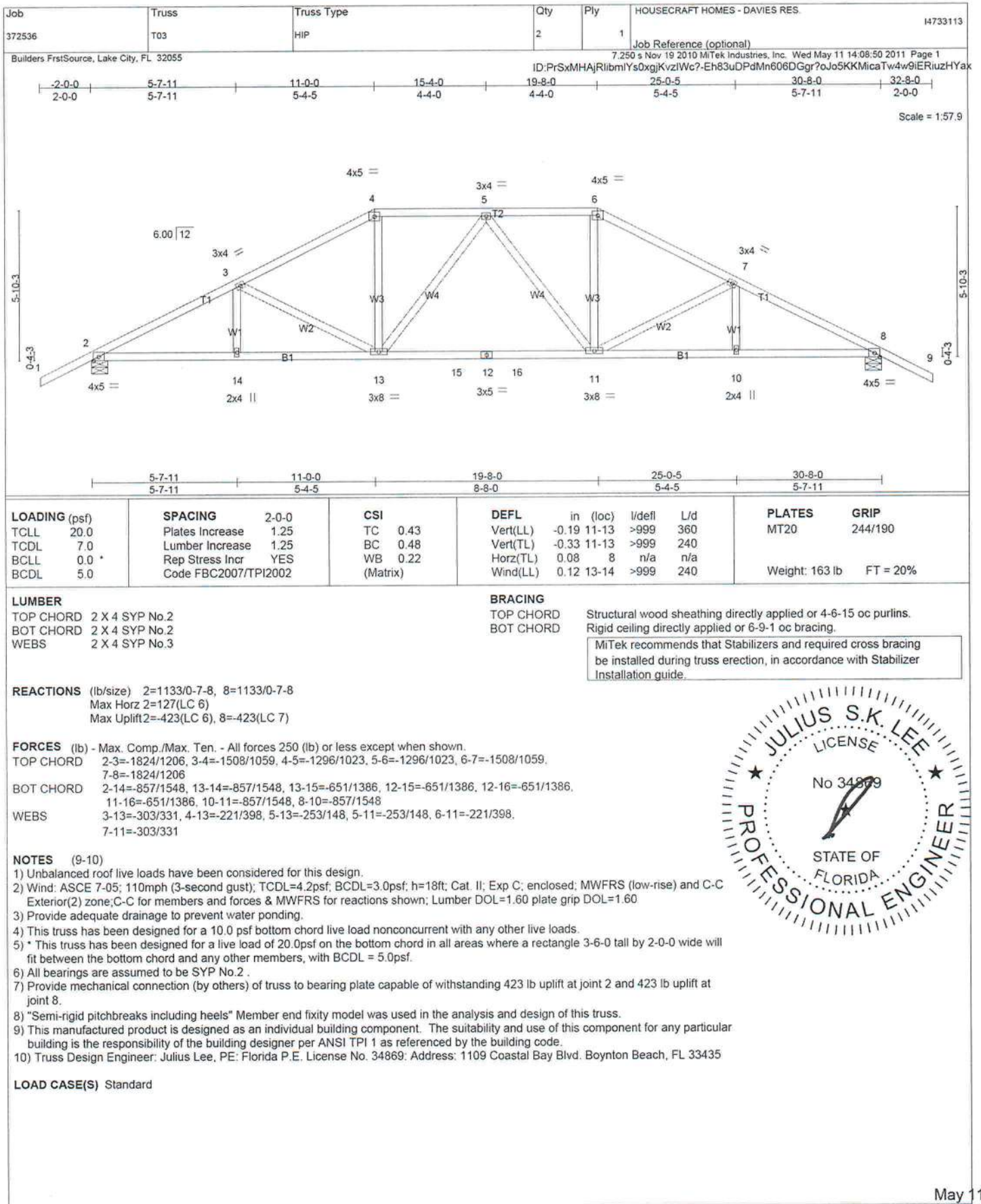
May 11, 2011



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITER REFERENCE PAGE MH-T473 BEFORE USE.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, D58-87 and BC511 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onotrio Drive, Madison, WI 53719.

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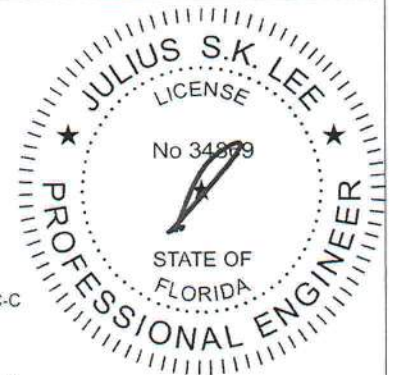
May 11, 2011



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MH-7473 BEFORE USE.

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Boynton, FL 33435



Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT HOMES - DAVIES RES.	14733115
372536	T05	HOWE	1	1	Job Reference (optional)	

Builders FirstSource, Lake City, FL 32055

7:250 s Nov 19 2010 MiTek Industries, Inc. Wed May 11 14:08:51 2011 Page 1
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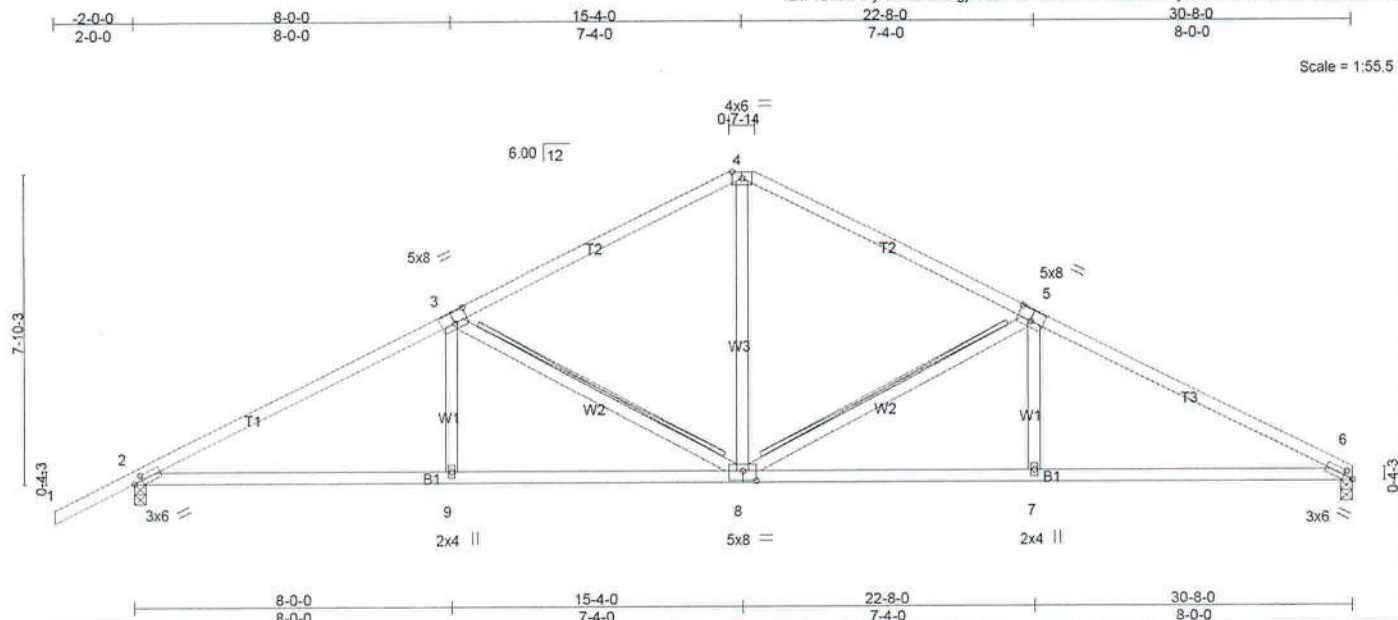


Plate Offsets (X,Y): [2:0-2-10,0-1-8], [3:0-4-0,0-3-4], [5:0-4-0,0-3-4], [6:0-2-10,0-1-8], [8:0-4-0,0-3-0]

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)	-0.11	6-7	>999	360	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.42	Vert(TL)	-0.24	6-7	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.56	Horz(TL)	0.08	6	n/a	n/a		
BCDL 5.0	Code FBC2007/TPI2002		(Matrix)	Wind(LL)	0.15	6-7	>999	240		
									Weight: 146 lb	FT = 20%

LUMBER

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

BRACING

TOP CHORD
BOT CHORD
WEBS

Structural wood sheathing directly applied or 4-0-3 oc purlins.
Rigid ceiling directly applied or 5-11-8 oc bracing.
T-Brace: 2 X 4 SYP No.3 - 5-8, 3-8
Fasten (2X) T and I braces to narrow edge of web with 10d (0.131"x3")
nails, 6in o.c., with 3in minimum end distance.
Brace must cover 90% of web length.

MiTek recommends that Stabilizers and required cross bracing
be installed during truss erection, in accordance with Stabilizer
Installation guide.

REACTIONS

(lb/size) 2=1092/0-3-8, 6=968/0-3-8
Max Horz 2=176(LC 6)
Max Uplift 2=448(LC 6), 6=323(LC 7)

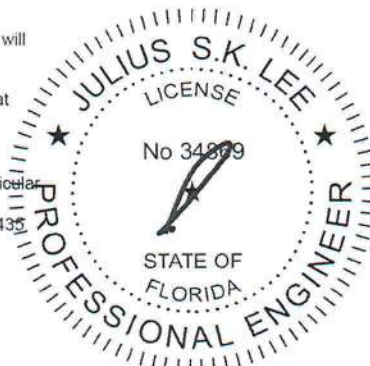
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-1739/1278, 3-4=-1184/1005, 4-5=-1185/1008, 5-6=-1758/1317
BOT CHORD 2-9=-998/1468, 8-9=-998/1467, 7-8=-1046/1490, 6-7=-1046/1490
WEBS 4-8=-539/631, 5-8=-610/628, 5-7=0/255, 3-8=-584/574, 3-9=0/252

NOTES (9-10)

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf, BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- All bearings are assumed to be SYP No.2.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 448 lb uplift at joint 2 and 323 lb uplift at joint 6.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
- This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869: Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



May 11, 2011

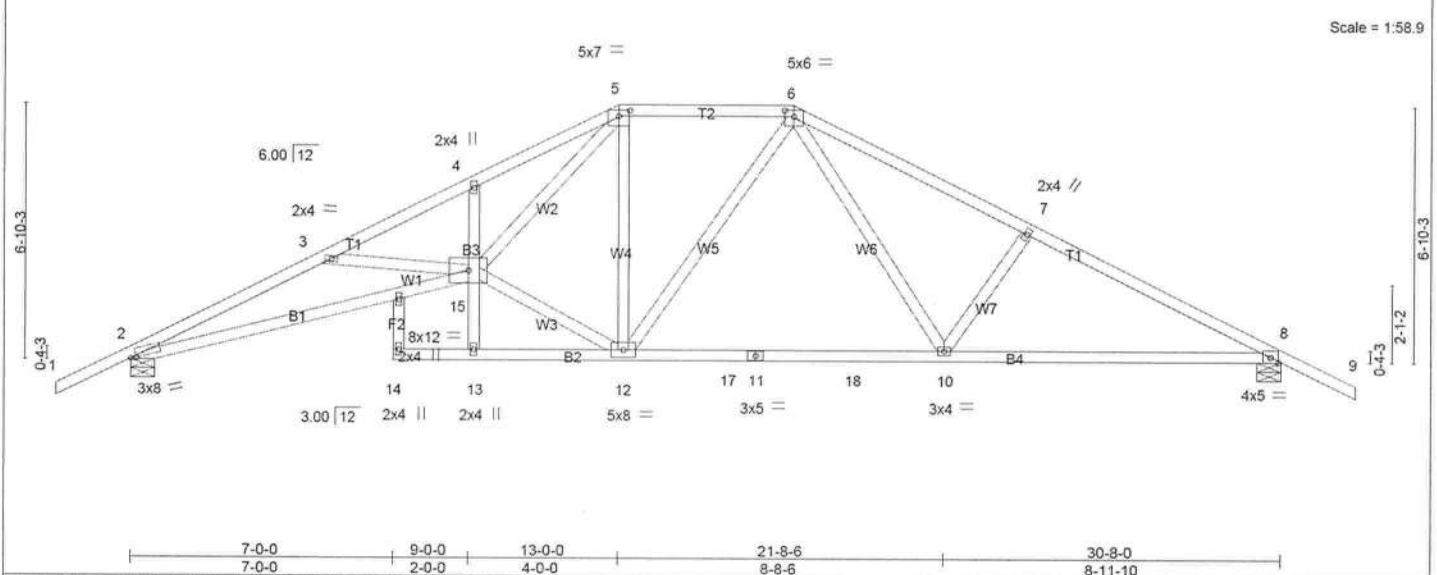


WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITK REFERENCE PAGE MH-7473 BEFORE USE.
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is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the
erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding
fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, D58-87 and BCS11 Building Component**
Safety Information available from Truss Plate Institute, 583 D'Ondria Drive, Madison, WI 53719.

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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT HOMES - DAVIES RES.	
372536	T06	SPECIAL	1	1		I4733116

Builders FirstSource, Lake City, FL 32055
 7.250 s Nov 19 2010 MiTek Industries, Inc. Wed May 11 14:08:51 2011 Page 1
 ID:PrSxMHAjRlibmlyS0xgjKvzIWc?iuiRSYQF75EtKntPjKYLtT75wgCGC3OMz?ELzHYav



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.56	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.62	Vert(LL) -0.33 10-12 >999 360		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.67	Vert(TL) -0.52 10-12 >690 240		
BCDL 5.0	Code FBC2007/TPI2002	(Matrix)	Horz(TL) 0.23 8 n/a n/a		
			Wind(LL) 0.32 14 >999 240	Weight: 173 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-4-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2 *Except*	Rigid ceiling directly applied or 5-0-6 oc bracing. Except:
B3: 2 X 4 SYP No.3	10-0-0 oc bracing: 13-15
WEBS 2 X 4 SYP No.3	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=1159/0-7-8, 8=1169/0-7-8
 Max Horz 2=-141(LC 7)
 Max Uplift 2=-428(LC 6), 8=-435(LC 7)

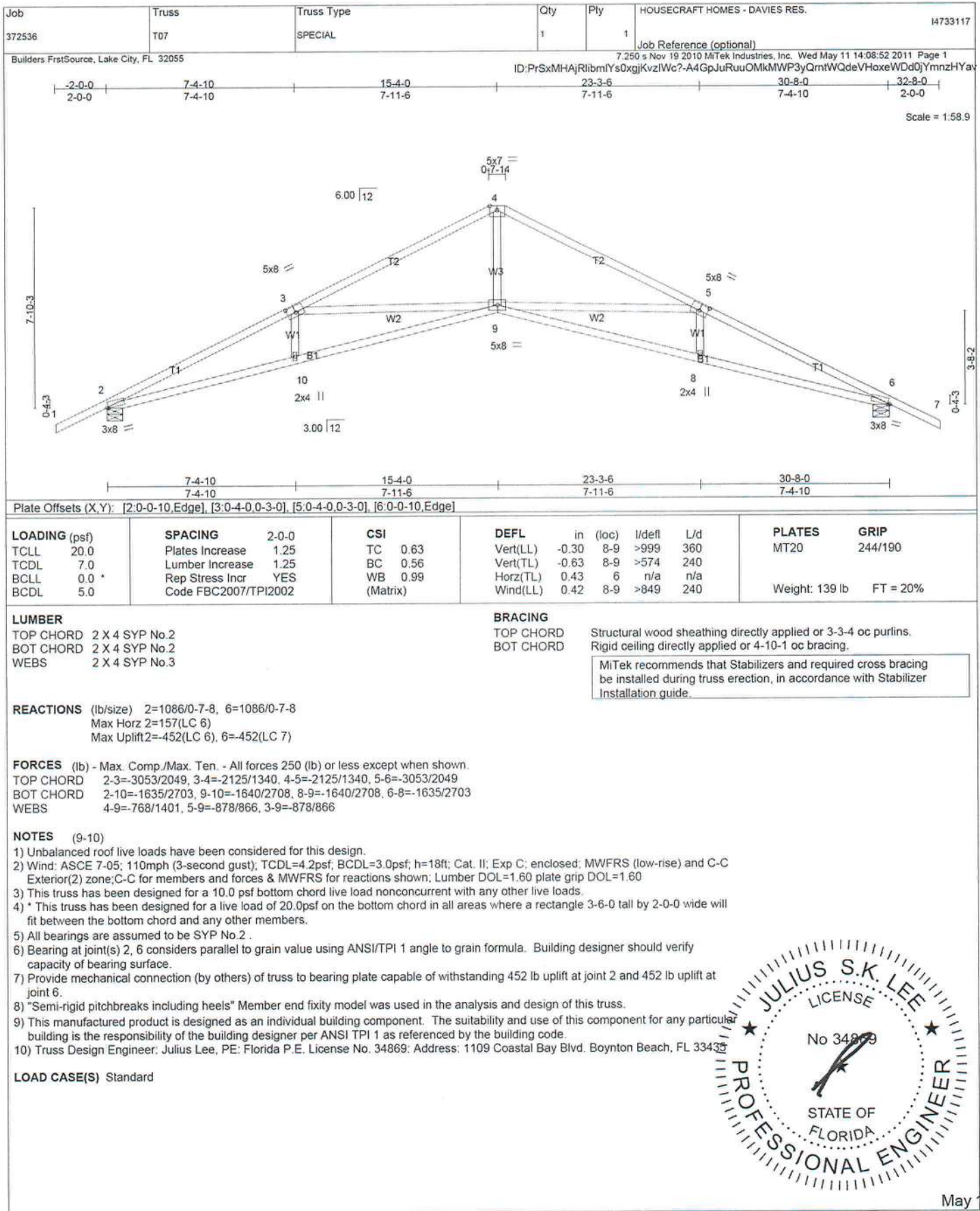
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-3166/1947, 3-4=-2964/1743, 4-5=-2906/1873, 5-6=-1214/975, 6-7=-1702/1202, 7-8=-1897/1226
 BOT CHORD 2-15=-1541/2793, 4-15=-193/299, 12-17=-473/1193, 11-17=-473/1193, 11-18=-473/1193, 10-18=-473/1193, 8-10=-863/1608
 WEBS 3-15=-131/265, 12-15=-467/1351, 5-15=-1140/2038, 5-12=-501/235, 6-10=-316/487, 7-10=-295/401

- NOTES** (10-11)
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft, Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone:C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
 - All bearings are assumed to be SYP No.2.
 - Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 428 lb uplift at joint 2 and 435 lb uplift at joint 8.
 - "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
 - Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

LOAD CASE(S) Standard



May 11, 2011



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Safety Information available from Truss Plate Institute, 583 D'Oro Drive, Madison, WI 53719.

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Boynton, FL 33435

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT HOMES - DAVIES RES.	14733118
372536	T08	SPECIAL	10	1		

Builders FrstSource, Lake City, FL 32055

Job Reference (optional)
7.250 s Nov 19 2010 MiTek Industries, Inc. Wed May 11 14:08:53 2011 Page 1
ID:PrSxMHAjRiibmIYs0xgKvziWc?-eGqBWERWfUbgz_FW7M0QjyoOvd1g5IMrgS5IDzHYau

-2-0-0	7-4-10	15-4-0	23-3-6	30-8-0	32-8-0
2-0-0	7-4-10	7-11-6	7-11-6	7-4-10	2-0-0

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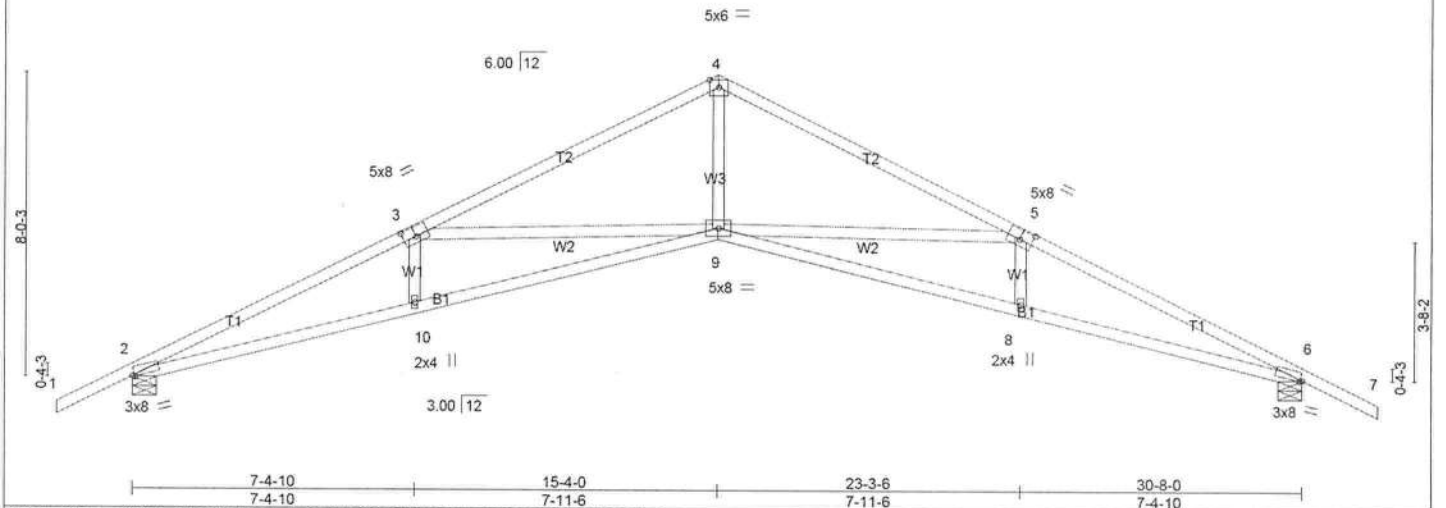


Plate Offsets (X,Y): [2-0-0-10,Edge], [3-0-4-0,0-3-0], [5-0-4-0,0-3-0], [6-0-0-10,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.63	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.56	Vert(LL) -0.30 8-9 >999 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.99	Vert(TL) -0.63 8-9 >574 240		
BCDL 5.0	Code FBC2007/TPI2002	(Matrix)	Horz(TL) 0.43 6 n/a n/a		
			Wind(LL) 0.42 8-9 >849 240		
				Weight: 139 lb	FT = 20%

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 3-3-4 oc purlins.
Rigid ceiling directly applied or 4-10-1 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

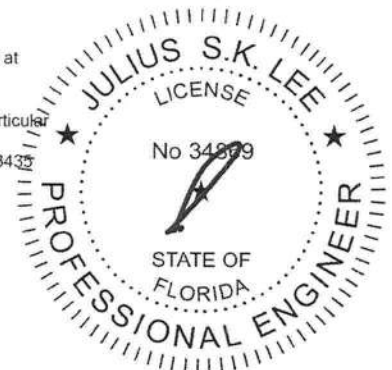
REACTIONS (lb/size) 2=1086/0-7-8, 6=1086/0-7-8
Max Horz 2=157(LC 6)
Max Uplift 2=-452(LC 6), 6=-452(LC 7)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3053/2049, 3-4=-2125/1340, 4-5=-2125/1340, 5-6=-3053/2049
BOT CHORD 2-10=-1635/2703, 9-10=-1640/2708, 8-9=-1640/2708, 6-8=-1635/2703
WEBS 4-9=-768/1401, 5-9=-878/866, 3-9=-878/866

NOTES (9-10)

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 110mph (3-second gust); TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- All bearings are assumed to be SYP No.2.
- Bearing at joint(s) 2, 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 452 lb uplift at joint 2 and 452 lb uplift at joint 6.
- "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.
- Truss Design Engineer: Julius Lee, PE: Florida P.E. License No. 34869; Address: 1109 Coastal Bay Blvd. Boynton Beach, FL 33435

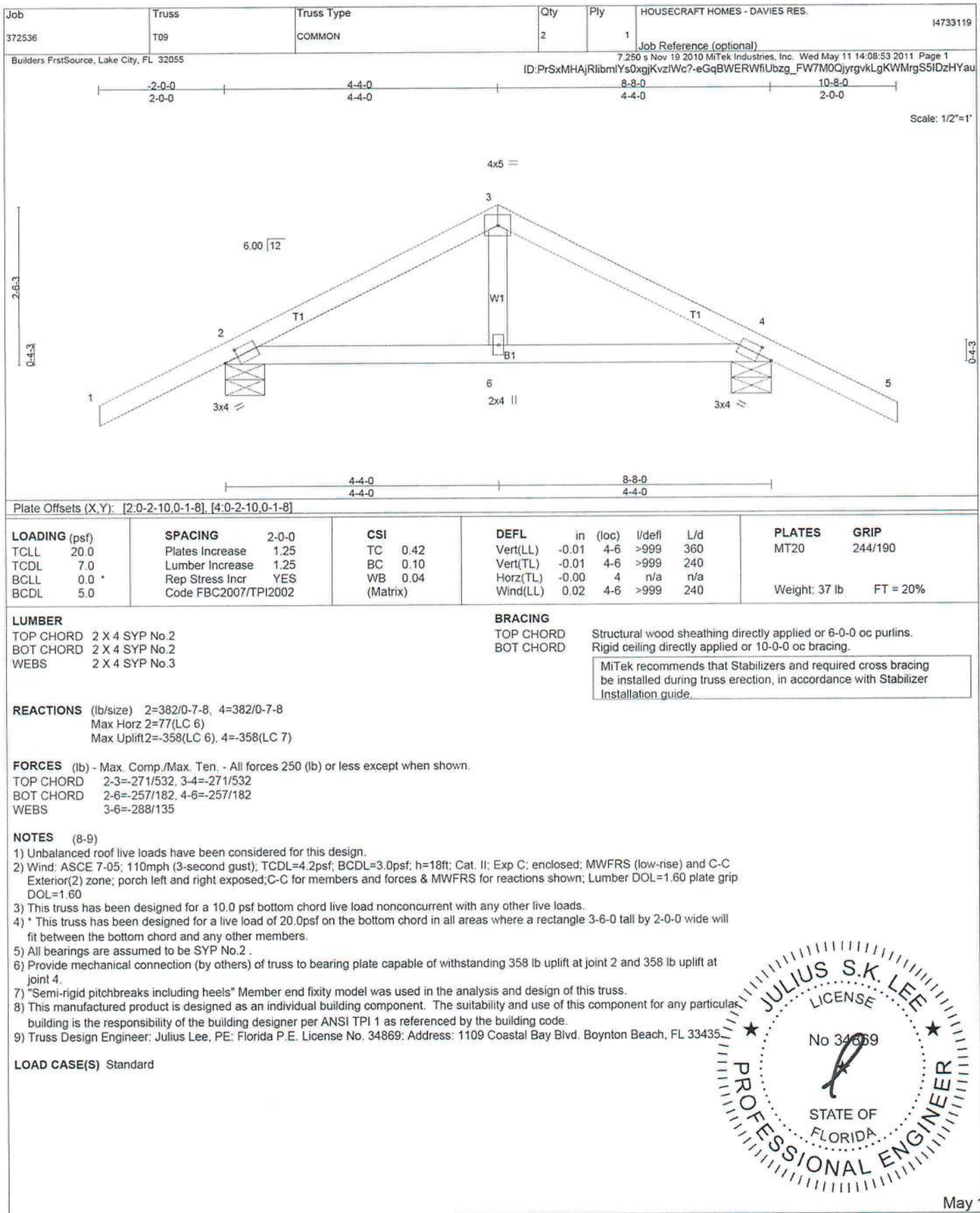
LOAD CASE(S) Standard



May 11, 2011

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITK REFERENCE PAGE MII-7473 BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BC311 Building Component Safety Information** available from Truss Plate Institute, 583 D'Oro Drive, Madison, WI 53717.

Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435



May 11, 2011



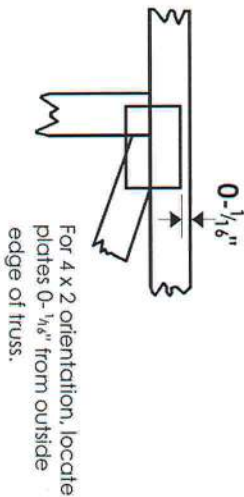
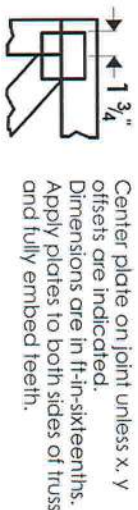
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MH-7473 BEFORE USE.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, D58-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Oroff Drive, Madison, WI 53719.

Julius Lee
1109 Coastal Bay Blvd.
Boynton, FL 33435

Symbols

PLATE LOCATION AND ORIENTATION



* Plate location details available in Mitek 20/20 software or upon request.

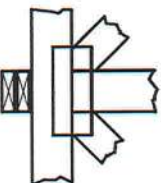
PLATE SIZE

4 X 4
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



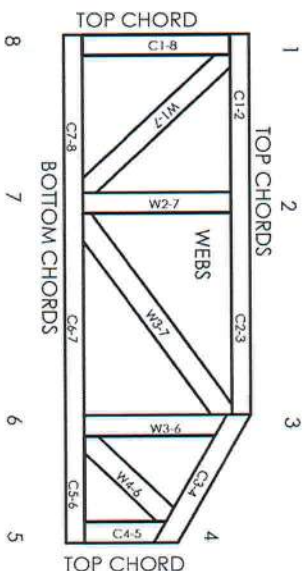
BEARING



Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCS11: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ER-5243, 9604B, 9730, 95-43, 96-31, 9667A
NER-487, NER-561
95110, 84-32, 96-67, ER-3907, 9432A

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Boynton, FL 33435



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T, I, or Eliminator bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to comb for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.

#2 HIP OR COMMON TRUSS

	TOP CHORD	2X4	S.O.	PINE	#2	or	Better
	BOT CHORD	2X4 <td>S.O.</td> <td>PINE</td> <td>#2</td> <td>or</td> <td>Better</td>	S.O.	PINE	#2	or	Better
	WEBS	2X4 <td>S.O.</td> <td>PINE</td> <td>#3</td> <td>or</td> <td>Better</td>	S.O.	PINE	#3	or	Better

120 MPH MAX
Setback

Setback

PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED.

UPLIFT: 400# or Less

RG LOC: *

UPLIFT BASED ON 7.2 PSF TOTAL DEAD LOAD. WIND.

OF THE 1. BASED ON 1.5 TOTAL DEAD LOAD. WIND
SPEED=120 "C" MPH. MEAN HGT=28 FT. ENCLOSED. (ASCE 7-02)

PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED. TILE

UPLIFT. 400# or Less

UPLIFT:
BRG LOC:

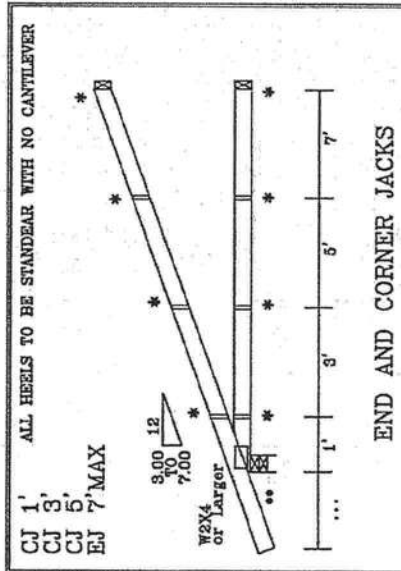
UPRIFT BASED ON 15.0 PSF TOTAL DEAD LOAD. WIND
SPEED=120 "C" MPH. MEAN HGT (of jacks)=28 FT. ENCLOSED (ASCE 7-02)

PROVIDE UPLIFT CONNECTIONS AT BEARINGS AS INDICATED.

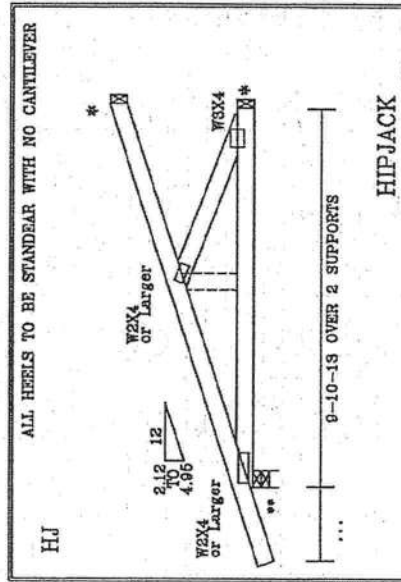
400# or Less

BRG LOC:

ENCLOSURE
LIFT BASED ON 7.2 PSF TOTAL DEAD LOAD. WIND
SPEED=120 "B" MPH. MEAN HGT (of jacks)=28 FT. ENCLOSED (ASCE 7-02)



END AND CORNER JACKS



HIP-JACK

UPLIFT VALUES DO TAKE INTO ACCOUNT PORCHES EXPOSED
BC LIVE LOAD IS NON CONCURRENT 10*

[illegible]

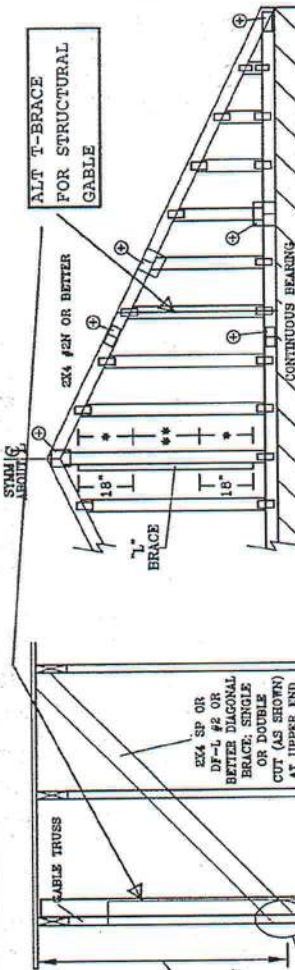
ASCE 7-02: 110 - 130 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE B,C

[illegible]

DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 980
AT EACH END. MAX. WEB
TOTAL LENGTH IS 14'.

VERTICAL, LENGTH SHOWN
BY TABLE ABOVE

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL WEB.



REFER TO CHART ABOVE FOR MAX GAHLE VERTICAL LENGTH.

12/4/8

JULIUS LEE'S
CONS. ENGINEERS P.A.

1108 COASTAL HAY BLVD.
BOYNTON BEACH, FL. 33436

1109 COASTAL HWY. 3345
BOYTON BEACH, FL. 33456

MAX LOADING	
55 PSF AT	1.25 DUR. FAC.
50 PSF AT	1.25 DUR. FAC.
42 PSF AT	1.25 DUR. FAC.

No: 34869
STATE OF FLORIDA

MAX. SPACING 24.

REF	ASCE7-98-GABI3030
DATE	DEC./04/2008
DRWG	
ENG	

—FARC—

1.25 DUR. FAC.

LY JSD CV

4% FOR A1
1.25 DIR. FAC.

THE UNIVERSITY OF CHICAGO

MAX. SPACING 24.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS $L/240$.

PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER

CONTINUOUS BEARING (5 FSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0"

COILS WITH 2" OVERHANG, OR 18"
PLYWOOD OVERHANG.

ATTACH EACH "L" OF "T" BRACE WITH 10d NAILS.

* FOR (1) "L" or "T" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

**** FOR (2) "L" or "T" BRACES; SPACE NAILS AT 3" O.C.**

IN 1.6" END ZONES AND 6" O.C. BETWEEN ZONES.

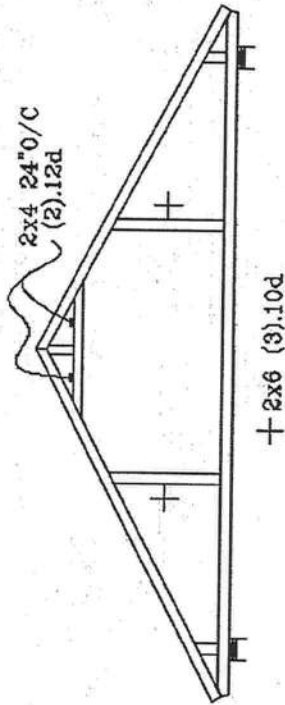
L or T BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0"	2X4

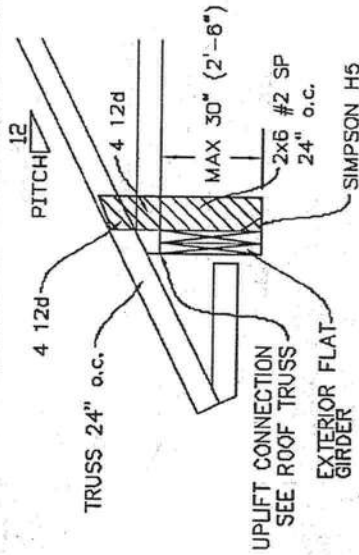
+ REFER TO COMMON TRUSS DESIGN FOR
PEAK, SPLICE, AND HEEL PLATES.

+ REFER TO COMMON TRUSS DESIGN
BEAK SPICE AND HEEL PLATES.

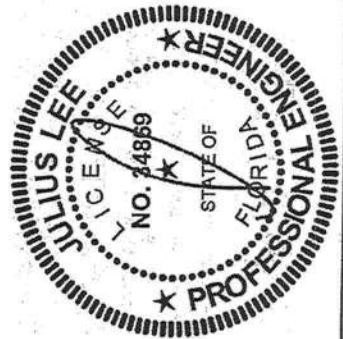
TYPICAL ATTIC TRUSS BRACING



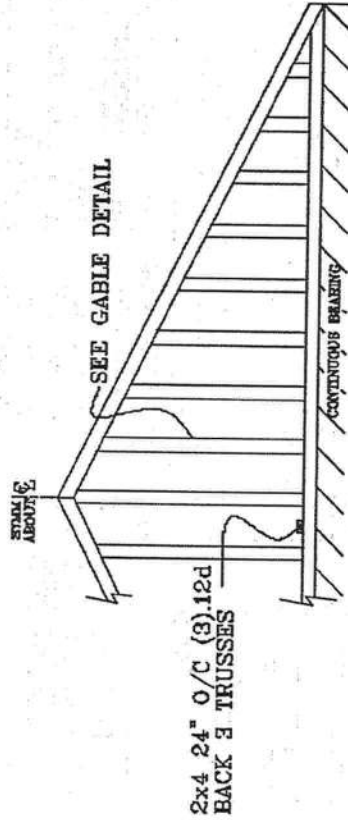
TYPICAL ALTERNATE BRACING DETAIL FOR EXTERIOR FLAT GIRDER TRUSS



REVIEWED
By Julius Lee at 11:59 am, Jun 11, 2009

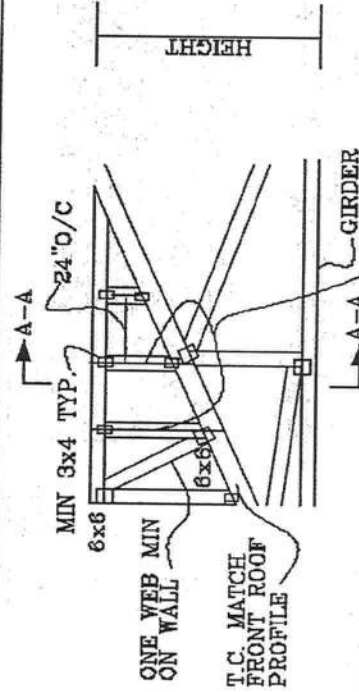


GABLE END TRUSS DETAIL



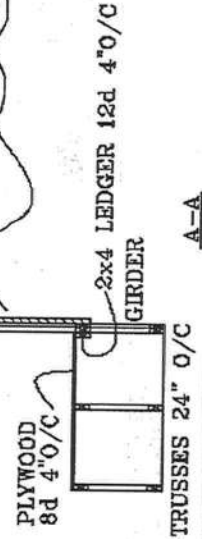
MINIMUM BC BRACING ON GABLE ENDS OTHER PERMANENT BRACING DESIGNS BY ARCHITECT OR EOR

TYPICAL WALL GIRDER VERTICAL WEB BRACING DETAIL



SEE ROOF TRUSSES FOR UPLIFT

SEE GABLE END DETAIL FOR T-BRACE BEHIND EACH VERTICAL



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1456 SW 43rd AVENUE
DADEWAY BEACH, FL 33444-2461

No. 34569
STATE OF FLORIDA

PIGGYBACK DETAIL

TOP CHORD 2X4 #3 OR BETTER
BOT CHORD 2X4 #3 OR BETTER
WEBS 2X4 #3 OR BETTER

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. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

ATTACH PURLINS 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 PURLIN 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 TC DL=5 PSF, WIND BC DL=5 PSF

110 MPH WIND, 30' MEAN HGT, EBC

ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF

WIND TC DL=5 PSF, WIND BC DL=5 PSF

FRONT FACE (X*) PLATES MAY BE OFFSET FROM BACK FACE

PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.

130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=6 PSF, WIND BC DL=6 PSF

ATTACH TRUSS PLATES WITH (8) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRUSS INFORMATION.

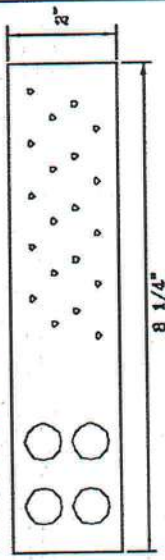
JOINT TYPE	SPANS UP TO			
	30'	38'	52'	
A	2X4	2.5X4	3X6	
B	4X8	5X8	5X8	
C	1.5X3	1.5X4	1.5X4	
D	5X4	5X5	5X6	
E	4X8 OR 3X8 TRUSS AT 4' OC, ROTATED VERTICALLY			

WEB BRACING CHART

WEB LENGTH 0' TO 7'9"	REQUIRED BRACING
NO BRACING	
7'9" TO 10'	1X4 "T" BRACE, SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 6d NAILS AT 4' OC.
10' TO 14'	2X4 "T" BRACE, SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d NAILS AT 4' OC.

* PIGGYBACK SPECIAL PLATE

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



THIS DRAWING REPLACES DRAWINGS 834.016 834.017 & 847.045

JULIUS LEE'S
CONS. ENGINEERS P.A.
1409 W. 4TH AVENUE
DORRIS BEACH, FL 33444-2061

REF PIGGYBACK

DATE 08/12/07

DRWG/ITEK STD PIGGY

-ENG JL

MAX LOADING

55 PSF AT

1.33 DUR. FAC.

50 PSF AT

1.25 DUR. FAC.

47 PSF AT

1.15 DUR. FAC.

SPACING 24.0"

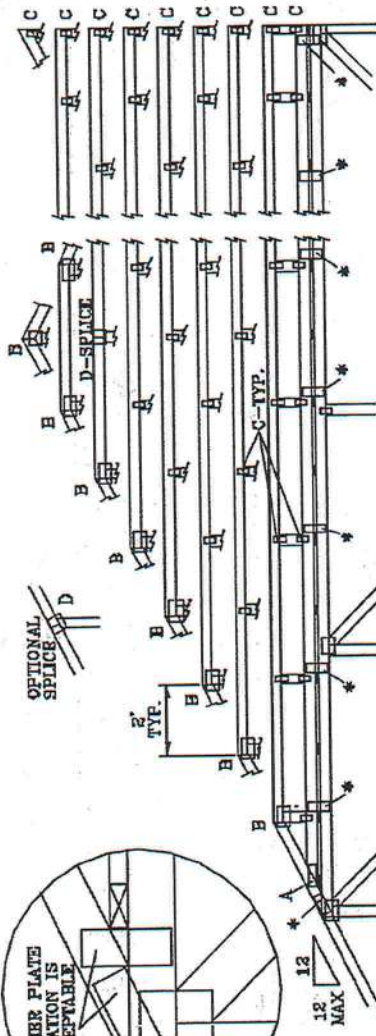
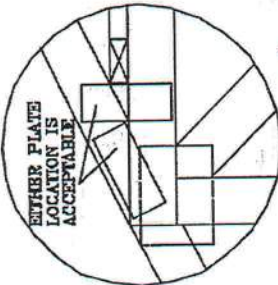
No. 34889
STATE OF FLORIDA

REVIEWED

By Julius Lee at 11:59 am, Jun 11, 2008

WARNING: TRUSSES INCLUDE EXTENSIVE BASE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND MAINTENANCE. THESE TRUSSES REQUIRE COMPETENT SAFETY INFORMATION. PUBLISHED BY THE TRUSS INSTITUTE, 343 DODD RD., SUITE 210, HANSON, VT 05749 AND VTCA COUNCIL TRUSS COUNCIL OF AMERICA, 6100 ENTERPRISE LN, HANSON, VT 05743 FOR SAFETY PRACTICES PRIOR TO POSTING. THESE TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A MINIMUM OF 2" MINIMUM THICKNESS. UNLESS OTHERWISE INDICATED, BOTTOM CHORD SHALL HAVE A MINIMUM OF 2" MINIMUM THICKNESS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A MINIMUM OF 2" MINIMUM THICKNESS. UNLESS OTHERWISE INDICATED, BOTTOM CHORD SHALL HAVE A MINIMUM OF 2" MINIMUM THICKNESS.

MAX SIZE OF 2X12 #2 OR BETTER

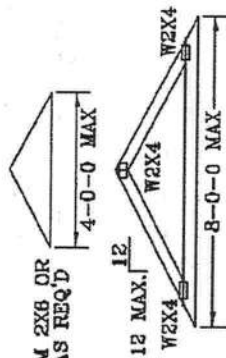


ALPHINE PIGGYBACK WITH 3X8 TRUSS OR ALPHINE PIGGYBACK SPECIAL PLATE.

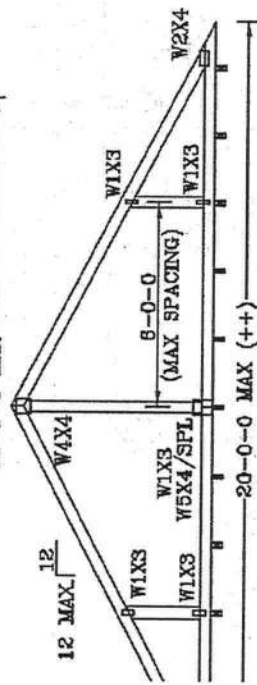
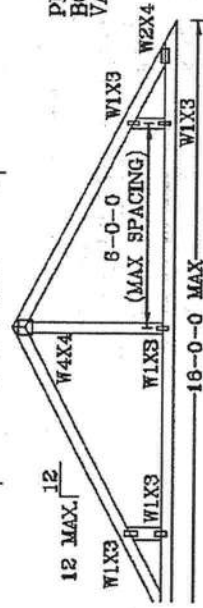
VALLEY TRUSS DETAIL

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

- * 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).
- ** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH:
(2) 18d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR
FBC 2004 110 MPH, ASCE 7-02 110 MPH WIND OR (3) 16d FOR
ASCE 7-02 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED
BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF.

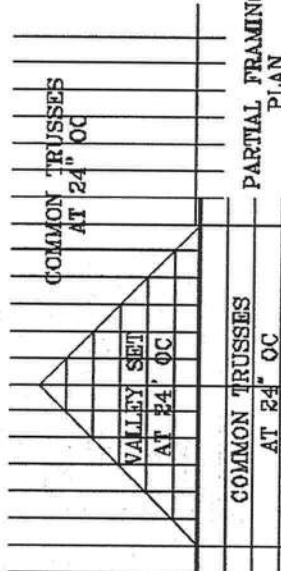
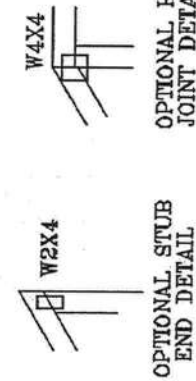
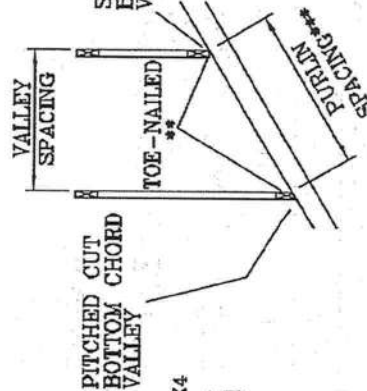


CUT FROM 2X6 OR LARGER AS REQ'D



20-0-0 MAX (++)

TRUSSES AT 24" OC MAXIMUM SPACING.

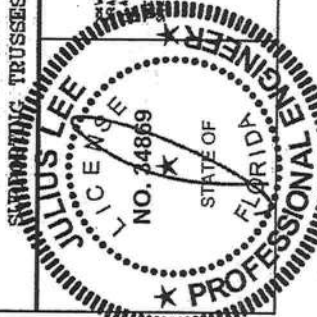


THIS DRAWING REPLACES DRAWING A105

TC LL	20	20	PSF REF	VALLEY DETAIL
TC DL	7	15	PSF	DATE 11/28/03
BC DL	5	5	PSF	DRWG VALTRUSS1103
BC LL	0	0	PSF	-ENG JL
TOT. LD.	32	40	PSF	
BUR.FAC	1.25	1.25		
SPACING	24"	24"		

JULIUS LEE'S
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MIAMI BEACH, FL 3344-4444

No: 34869
STATE OF FLORIDA



REVIEWED
By Julius Lee at 11:59 am, Jun 11, 2008

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND
ERECTING. REFER TO NCMA 1-13 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE (USDA)
NATIONAL INSTITUTE FOR CONSTRUCTION SAFETY, 1200 K STREET, N.W., WASHINGTON, D.C. 20004-6100
FOR ADDITIONAL INFORMATION. THESE TRUSSES ARE DESIGNED FOR USE IN RESIDENTIAL BUILDINGS
WITH A MEAN HEIGHT OF 15 FEET OR LESS. THESE TRUSSES ARE NOT TO BE USED IN ANY OTHER
APPLICATIONS WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER. THESE TRUSSES ARE NOT TO BE
USED IN ANY OTHER APPLICATIONS WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER. THESE TRUSSES
ARE NOT TO BE USED IN ANY OTHER APPLICATIONS WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

TOE-NAIL DETAIL

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

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

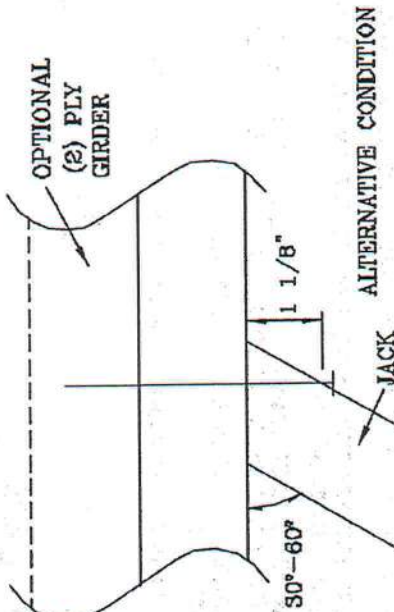
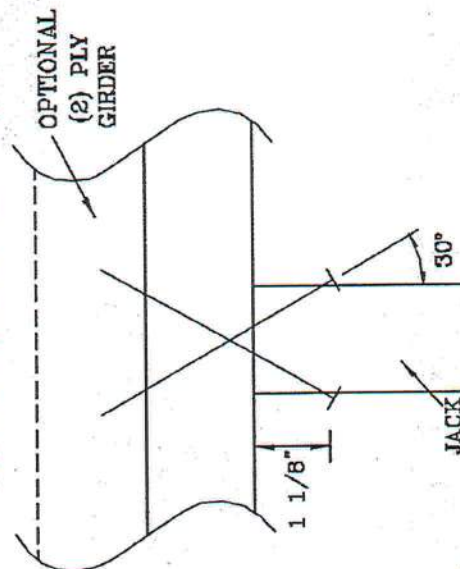
THE NUMBER OF TOE-NAILS TO BE USED IN A SPECIFIC APPLICATION IS DEPENDENT UPON PROPERTIES FOR THE CHORD SIZE, LUMBER SPECIES, AND NAIL TYPE. PROPER CONSTRUCTION PRACTICES AS WELL AS GOOD JUDGEMENT SHOULD DETERMINE THE NUMBER OF NAILS TO BE USED.

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

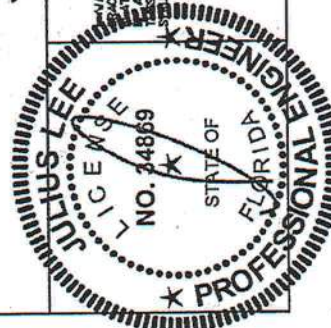
MAXIMUM VERTICAL RESISTANCE OF 16d (0.162"x3.5") COMMON TOE-NAILS

NUMBER OF TOE-NAILS	SOUTHERN PINE		DOUGLAS FIR-LARCH		HEM-FIR		SPRUCE PINE FIR	
	1 PLY	2 PLYS	1 PLY	2 PLYS	1 PLY	2 PLYS	1 PLY	2 PLYS
2	197#	258#	181#	234#	158#	203#	154#	199#
3	298#	393#	271#	351#	234#	304#	230#	298#
4	594#	611#	391#	468#	312#	406#	307#	597#
5	493#	638#	452#	585#	390#	507#	384#	498#

ALL VALUES MAY BE MULTIPLIED BY APPROPRIATE DURATION OF LOAD FACTOR.



THIS DRAWING REPLACES DRAWING 784040



WARNING: TRISSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SIPPING, INSTALLING AND SPACING. REFER TO BCSI 1-43 CHILLING EQUIPMENT SAFETY INFORMATION, PUBLISHED BY THE CHILLING EQUIPMENT INSTITUTE, 518 DUNFORD RD., SUITE 200, CHICAGO, IL 60607, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED SUBSTRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REVIEWED
By Julius Lee at 11:59 am, Jun 11, 2008

JULIUS LEE'S
CONS. ENGINEERS P.A.

1400 BY 40 AVENUE
MIRRAY BLVD, FL 33444-2181

No. 34869
STATE OF FLORIDA

TC LL	PSF	REF	TOE-NAIL
TC DL	PSF	DATE	09/12/07
BC DL	PSF	DRWG	CNTONAIL103
BC LL	PSF	-ENG	JL
TOT. LD.	PSF		
DUR. FAC.	1.00		
SPACING			

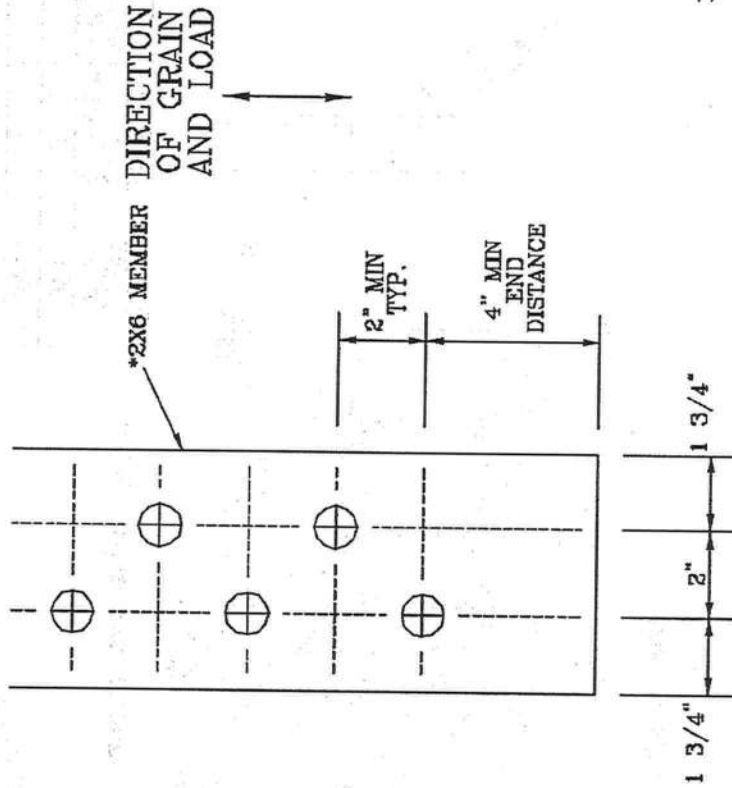
1/2" DIAMETER BOLT SPACING FOR LOAD APPLIED PARALLEL TO GRAIN.

* GRADE AND SPECIES AS SPECIFIED ON THE ALPINE DESIGN.

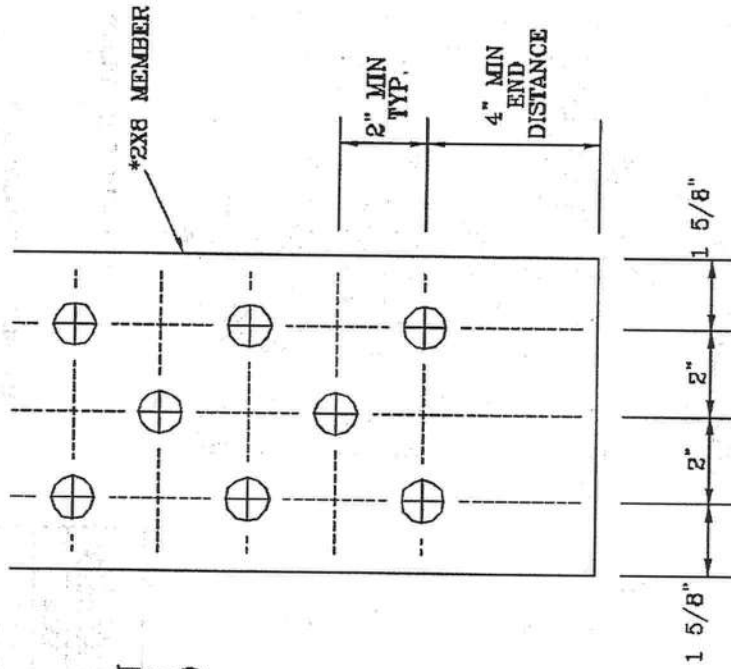
TYPICAL LOCATION OF 1/2" DIAMETER THRU BOLTS. BOLT QUANTITIES AS NOTED ON SEALED DESIGN MUST BE APPLIED IN ONE OF THE PATTERNS SHOWN BELOW.

BOLT HOLES SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN BOLT DIAMETER.

WASHERS REQUIRED UNDER BOLT HEAD AND NUT



2X6 DETAIL

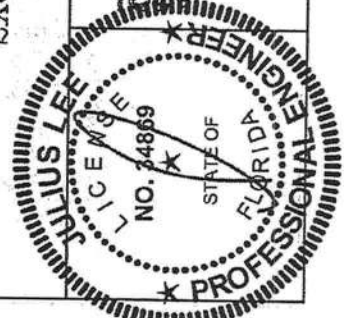


2X8 DETAIL

THIS DRAWING REPLACES DRAWING A828.016

JULIUS LEE'S		TC LL	PSF REF	BOLT SPACING
CONS. ENGINEERS P.A.		TC DL	PSF DATE	11/26/03
1405 W. 4th AVENUE		BC DL	PSF DRWG	CNBOLTP1103
DEER BEACH, FL 33441-2491		BC LL	PSF -ENG	JL
		TOT. LD.	PSF	
		DUR. FAC.		
		SPACING		

WARNING: TRUSSES REQUIRE EXTENSIVE KNOWLEDGE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO K&S L-20 BUILDING CONSTRUCTION SPECIFICATIONS, SECTION 5.10, FOR MORE INFORMATION. K&S TRUSS INSTITUTE, 583 OAKFORD DR., SUITE 200, WAUSAU, WI 53179, AND VISIT OUR WEBSITE AT WWW.K&STRUSS.COM. AMERICA, 6000 ENTERPRISE LN., WAUSAU, WI 53179 FOR SAFETY PRACTICES PRIOR TO PERFORMING ANY TRUSS WORK. ALL TRUSSES SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



REVIEWED
By Julius Lee at 11:59 am, Jun 17, 2006

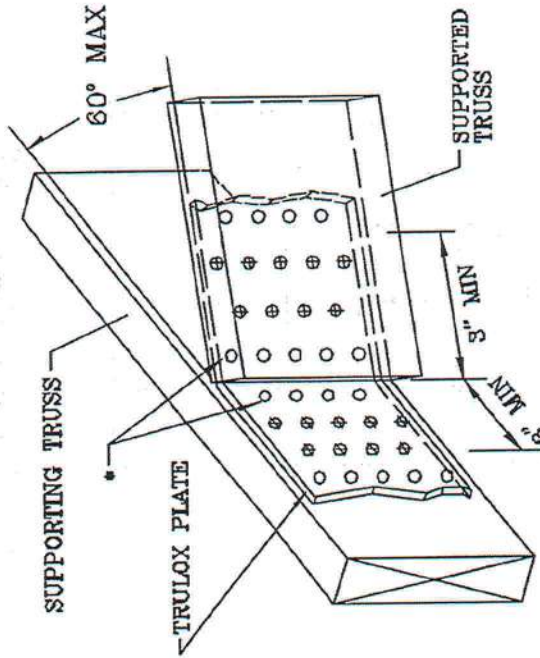
TRULOX CONNECTION DETAIL

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

* NAILS MAY BE OMITTED FROM THESE ROWS.

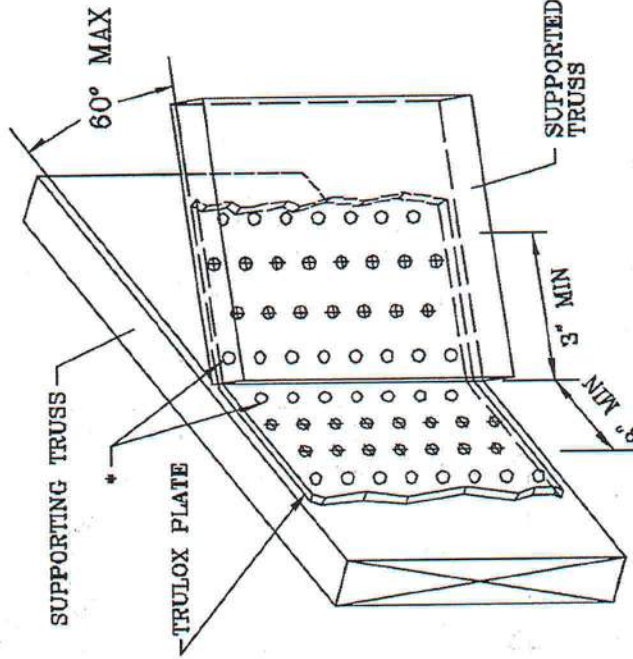
THIS DETAIL MAY BE USED WITH SO. PINE, DOUGLAS-FIR OR HEM-FIR CHORDS WITH A MINIMUM 1.00 DURATION OF LOAD OR SPRUCE-PINE-FIR CHORDS WITH A MINIMUM 1.15 DURATION OF LOAD. CHORD SIZE OF BOTH TRUSSES MUST EXCEED THE TRULOX PLATE WIDTH.

TRULOX PLATE IS CENTERED ON THE CHORDS AND BENT BETWEEN NAIL ROWS.
REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.



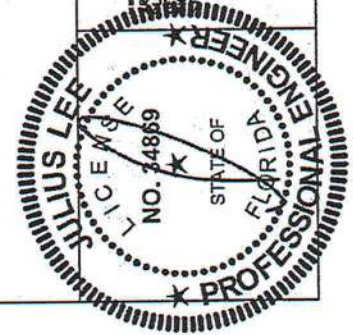
MINIMUM 3X8 TRULOX PLATE

TRULOX PLATE SIZE	REQUIRED NAILS PER TRUSS	MAXIMUM LOAD UP OR DOWN
3X6	9	350#
3X8	15	990#



MINIMUM 5X6 TRULOX PLATE

THIS DRAWING REPLACES DRAWINGS 1.158,989 1.158,989/R
1.154,944 1.152,217 1.152,017 1.159,154 & 1.151,524



WARNING: TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO AISC 1-10 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE STRUCTURAL STEEL INSTITUTE, 360 DUNFORD DR., SUITE 600, WESTFIELD, NJ 07090 AND AISC 308 TRUSS COUNCIL, 10000 W. 11TH AVENUE, SUITE 100, DENVER, CO 80231. TRUSSES MUST BE DESIGNED AND MANUFACTURED TO MEET THE REQUIREMENTS OF THE AISC 1-10 AND AISC 308. TRUSSES MUST BE DESIGNED AND MANUFACTURED TO MEET THE REQUIREMENTS OF THE AISC 1-10 AND AISC 308. TRUSSES MUST BE DESIGNED AND MANUFACTURED TO MEET THE REQUIREMENTS OF THE AISC 1-10 AND AISC 308.

REVIEWED

By Julius Lee at 11:58 am, Jun 11, 2008

JULIUS LEE'S
CONS. ENGINEERS P.A.

1455 SW 4th AVENUE
DUNN, FL 33445-3011

No. 34869
STATE OF FLORIDA

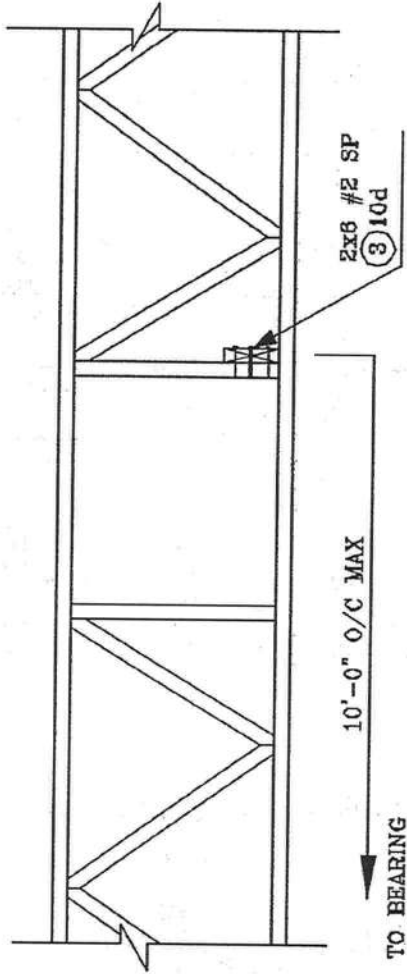
REF TRULOX

DATE 11/26/03

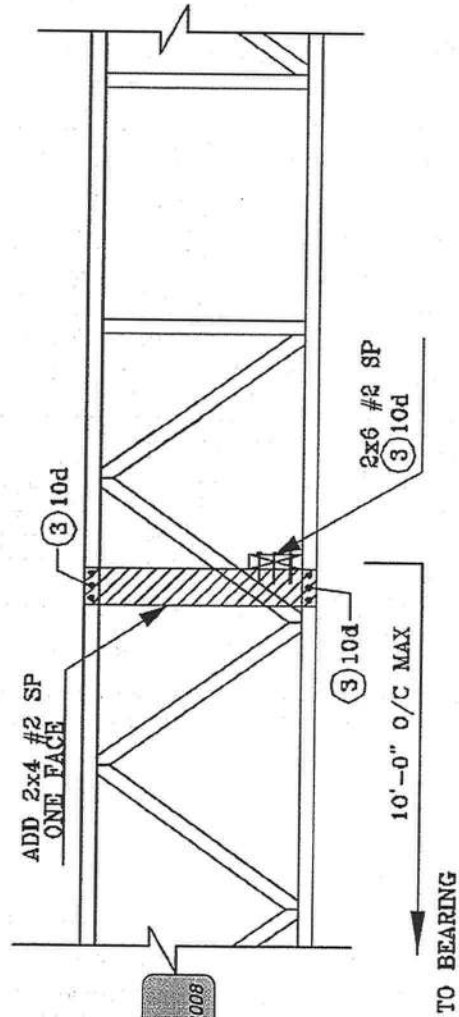
DRWG CNTRULOX1103

-ENG JL

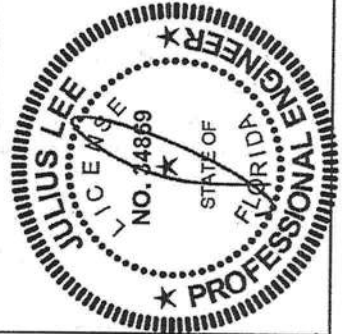
STRONG BACK DETAIL SYSTEM-42 OR FLAT TRUSS



ALTERNATE DETAIL FOR STRONG BACK WITH VERTICAL NOT LINING UP



REVIEWED
By Julius Lee at 11:58 am, Jun 11, 2008









JULIUS LEE'S
CONS. ENGINEERS P.A.
1455 SW 435 AVENUE
DUNN BEACH, FL 33444-2861

No: 84669
STATE OF FLORIDA

MULTIPLE-MEMBER CONNECTIONS FOR SIDE-LOADED BEAMS

Uniform Load—Maximum Uniform Load Applied to Either Outside Member (PLF)

Connector Type	Number of Rows	Connector On-Center Spacing	Connector Pattern					
			Assembly A	Assembly B	Assembly C	Assembly D	Assembly E	Assembly F
								
			3 1/4" 2-ply	5 1/4" 3-ply	5 1/4" 2-ply	7" 3-ply	7" 2-ply	7" 4-ply
10d (0.128" x 3") Nail ⁽¹⁾	2	12"	370	280	280	245		
	3	12"	555	415	415	370		
1/2" A307 Through Bolts ⁽²⁾⁽³⁾	2	24"	505	380	520	465	860	340
		19.2"	635	475	655	580	1,075	425
		16"	760	570	785	695	1,290	505
		24"	680	510	510	455		
SDS 1/4" x 3 1/2" ⁽³⁾	2	19.2"	850	640	640	565		
		16"	1,020	765	765	680		
		24"				455	465	455
SDS 1/4" x 6" ⁽³⁾⁽⁴⁾	2	19.2"				565	580	565
		16"				680	695	680
		24"						
USP WS35 ⁽³⁾	2	24"	480	360	360	320		
		19.2"	600	450	450	400		
		16"	715	540	540	480		
USP WS6 ⁽³⁾⁽⁴⁾	2	24"				350	525	350
		19.2"				440	660	440
		16"				525	790	525
3 1/4" TrussLok ⁽³⁾	2	24"	635	475	475	425		
		19.2"	795	595	595	530		
		16"	955	715	715	635		
5" TrussLok ⁽³⁾	2	24"		500	500	445	480	445
		19.2"		625	625	555	600	555
		16"		750	750	665	725	665
6 1/4" TrussLok ⁽³⁾	2	24"				445	620	445
		19.2"				555	770	555
		16"				665	925	665

(1) Nailed connection values may be doubled for 6" on-center or tripled for 4" on-center nail spacing.

(2) Washers required. Bolt holes to be 1/8" maximum.

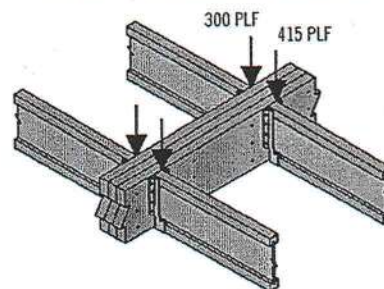
(3) 24" on-center bolted and screwed connection values may be doubled for 12" on-center spacing.

(4) 6" SDS or WS screws can be used with Parallam® PSL and Microllam® LVL, but are not recommended for TimberStrand® LSL.

General Notes

- Connections are based on NDS® 2005 or manufacturer's code report.
- Use specific gravity of 0.5 when designing lateral connections.
- Values listed are for 100% stress level. Increase 15% for snow-loaded roof conditions or 25% for non-snow roof conditions, where code allows.
- Bold Italic** cells indicate Connector Pattern must be installed on both sides. Stagger fasteners on opposite side of beam by 1/2 the required Connector Spacing.
- Verify adequacy of beam in allowable load tables on pages 16–33.
- 7" wide beams should be side-loaded only when loads are applied to both sides of the members (to minimize rotation).
- Minimum end distance for bolts and screws is 6".
- Beams wider than 7" require special consideration by the design professional.

Uniform Load Design Example



First, check the allowable load tables on pages 16–33 to verify that three pieces can carry the total load of 715 plf with proper live load deflection criteria. Maximum load applied to either outside member is 415 plf. For a 3-ply, 1 3/4" assembly, two rows of 10d (0.128" x 3") nails at 12" on-center is good for only 280 plf. Therefore, use three rows of 10d (0.128" x 3") nails at 12" on-center (good for 415 plf).

Alternatives:

Two rows of 1/2" bolts or 1/4" x 3 1/2" SDS screws at 19.2" on-center.

MULTIPLE-MEMBER CONNECTIONS FOR SIDE-LOADED BEAMS

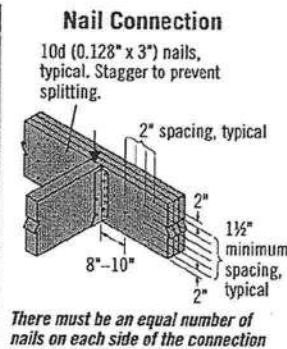
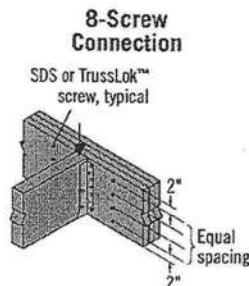
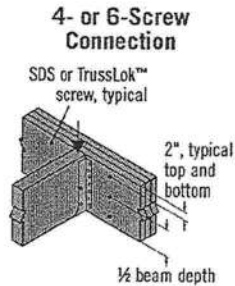
Point Load—Maximum Point Load Applied to Either Outside Member (lbs)

Connector Type	Number of Connectors	Connector Pattern					
		Assembly A	Assembly B	Assembly C	Assembly D	Assembly E	Assembly F
		3 1/2" 2-ply	5 1/4" 3-ply	5 1/4" 2-ply	7" 3-ply	7" 2-ply	7" 4-ply
10d (0.128" x 3") Nail	6	1,110	835	835	740		
	12	2,225	1,670	1,670	1,485		
	18	3,335	2,505	2,505	2,225		
	24	4,450	3,335	3,335	2,965		
SDS Screws 1/4" x 3 1/2" or WS35 1/4" x 6" or WS6 ⁽¹⁾	4	1,915	1,435 ⁽²⁾	1,435	1,275	1,860 ⁽³⁾	1,405 ⁽²⁾
	6	2,870	2,150 ⁽²⁾	2,150	1,915	2,785 ⁽³⁾	2,110 ⁽²⁾
	8	3,825	2,870 ⁽²⁾	2,870	2,550	3,715 ⁽³⁾	2,810 ⁽²⁾
	10	4,780	3,590 ⁽²⁾	3,590	3,225	4,640 ⁽³⁾	3,515 ⁽²⁾
3 3/8" or 5" TrussLok™	4	2,545	1,910 ⁽²⁾	1,910	1,695	1,825 ⁽³⁾	1,775 ⁽²⁾
	6	3,815	2,860 ⁽²⁾	2,860	2,545	2,890 ⁽³⁾	2,665 ⁽²⁾
	8	5,090	3,815 ⁽²⁾	3,815	3,390	3,855 ⁽³⁾	3,550 ⁽²⁾
	10	6,365	4,770 ⁽²⁾	4,770	4,265	4,810 ⁽³⁾	4,435 ⁽²⁾

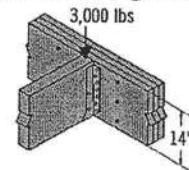
- (1) 6" SDS or WS screws can be used with Parallam® PSL and Microllam® LVL, but are not recommended for TimberStrand® LSL.
 (2) 3 1/2" and 3 3/4" long screws must be installed on both sides.
 (3) 6" long screws required.
 (4) 5" long screws required.

See General Notes on page 38

Point Load Connections



Point Load Design Example



First, verify that a 3-ply, 1 1/4" x 14" beam can support the 3,000 lb point load as well as all other loads applied. The 3,000 lb point load is being transferred to the beam with a face mount hanger. For a 3-ply, 1 1/4" assembly, eight 3 3/8" TrussLok™ screws are good for 3,815 lbs with a face mount hanger.

MULTIPLE-MEMBER CONNECTIONS FOR TOP-LOADED BEAMS

1 1/4"-Wide Pieces

- Minimum of three rows of 10d (0.128" x 3") nails at 12" on-center.
- Minimum of four rows of 10d (0.128" x 3") nails at 12" on-center for 14" or deeper.
- If using 12d-16d (0.148"-0.162" diameter) nails, the number of nailing rows may be reduced by one.
- Minimum of two rows of SDS, WS, or TrussLok™ screws at 16" on-center. Use 3 3/8" minimum length with two or three plies; 5" minimum for 4-ply members. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. For 3- or 4-ply members, connectors must be installed

on both sides. Stagger fasteners on opposite side of beam by 1/2 of the required connector spacing.

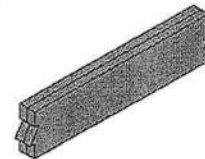
- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.

3 1/2"-Wide Pieces

- Minimum of two rows of SDS, WS, or TrussLok™ screws, 5" minimum length, at 16" on-center. 6" SDS and WS screws are not recommended for use with TimberStrand® LSL. Connectors must be installed on both sides. Stagger fasteners on opposite side of beam by 1/2 of the required connector spacing.

- Minimum of two rows of 1/2" bolts at 24" on-center staggered.

- Load must be applied evenly across entire beam width. Otherwise, use connections for side-loaded beams.



L6 Multiple pieces can be nailed or bolted together to form a header or beam of the required size, up to a maximum width of 7"

2 SHELL ONLY

Columbia County Building Permit Application

1105
J.D. Harrington, Jr. - E.C. CH
SIGNED CONTRACT: WORK

For Office Use Only Application # 1105-65 Date Received 5/25 By JW Permit # 29474
Zoning Official B.L.K. Date 10 June 2011 Flood Zone X Land Use A-3 Zoning A-3
FEMA Map # N/A Elevation N/A MFE 1' above RL River N/A Plans Examiner LD Date 6-6-11
Comments Need to sign replacement dwelling affidavit dw not attached!
☒ NOC ☐ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☒ Well letter ☐ 911 Sheet ☐ Parent Parcel #
☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
IMPACT FEES: EMS _____ Fire _____ Corr _____ ☒ Sub VF Form
Road/Code _____ School Replacement = TOTAL (Suspended) ☒ App Fee Paid

Septic Permit No. 11 0260

Fax MOBILE: 352-538-5961

Name Authorized Person Signing Permit John D Harrington, Jr. Phone 386-462 5323

Address 24015 NW Old Bellamy RD High Springs FL 32643

Owners Name Kenneth Davies Phone 786-514-5003

911 Address 1040 SE ADAMS ST High Springs FL 32643

Contractors Name House Craft Homes LLC Phone 1 786 514 5003

Address 12501 US Hwy 441 Alachua FL 32615

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address Mark Disosway, PE Le 32055, House Craft Homes

Mortgage Lenders Name & Address CASH

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 10-75-17-09971-007 Estimated Cost of Construction 60,000

Subdivision Name Bicentennial ACRES Lot 12 Block _____ Unit _____ Phase _____

Driving Directions 441 South Towards High Springs TL on

ADAMS T go approx 1 mile - House Craft sign on

right T - SFD will be MA

Number of Existing Dwellings on Property 1

Construction of SFD (Shell) through Insulation Inspection Total Acreage 5 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 17'

Actual Distance of Structure from Property Lines - Front 200± Side 80± Side 120± Rear 100±

Number of Stories 1 Heated Floor Area 1580 Total Floor Area 1630 Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. CODE: Florida Building Code 2007 with 2009 Supplements and the 2008 National Electrical Code.

JW spoke w: J.D., Jr. on 6.10.11

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: **YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

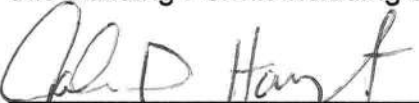
NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

(Owners Must Sign All Applications Before Permit Issuance.)


Owners Signature

OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.

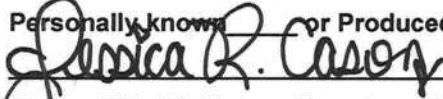
CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.


Contractor's Signature (Permittee)

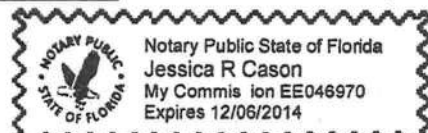
Contractor's License Number CGC 1516998
Columbia County
Competency Card Number 1163

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 24 day of May 2011.

Personally known or Produced Identification


State of Florida Notary Signature (For the Contractor)

SEAL:





12501 US Hwy 441

Alachua, FL 32615

Office (386)462-5323

Fax (888) 769-0105

Subcontractor Verification

Permit # _

✓ 1163 General Contractor:

Signature

CGC1516998

License

Company Name: House Craft Homes, LLC.

✓ 379 Electric Contractor:

Signature

EC13001281

License

Company Name: Cason Electric, Inc.

✓ 1102 HVAC Contractor:

Signature

CAC036941

License

Company Name: Builder's Air of North Florida, Inc.

✓ 728 Plumbing Contractor:

Signature

CFC1427326

License

Company Name: Plumbing Concepts, Inc.

✓ 1153 Roofing Contractor:

Signature

CCC1326752

License

Company Name: Bobby Campbell Roofing, Inc.

158 7600

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1105-65 CONTRACTOR J. J. Harrington, Jr. PHONE 386.462.5323
 THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000720	Doral Roberts	Doral Roberts
CONCRETE FINISHER	00310	LARRY PARKES	Larry Parkes
FRAMING	000019	Will Robinson	Will Robinson
INSULATION	000743	Bruce Spier	Bruce Spier
STUCCO	N/A		
DRYWALL	N/A		
PLASTER	N/A		
CABINET INSTALLER	N/A		
PAINTING	N/A		
ACOUSTICAL CEILING	N/A		
GLASS	N/A		
CERAMIC TILE	N/A		
FLOOR COVERING	N/A		
ALUM/VINYL SIDING	N/A		
GARAGE DOOR	N/A		
METAL BLDG ERECTOR	N/A		

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

HOUSE CRAFT HOMES, L.L.C.

John D. Harrington
t/a HOUSE CRAFT HOMES, L.L.C.
CG C038861
12501 US Hwy. 441
Alachua, Florida 32615
Phone: (386) 462-5323 / FAX: (888) 769-0105

CONSTRUCTION AGREEMENT

This agreement made and entered into on May, 2011 by and between House Craft Homes, L.L.C. hereinafter referred to as Contractor and **Kenneth Davies** hereinafter referred to as the Purchaser.

Current Mailing Address:

Home:
Work:
Other: 786-368-3707

DEPOSIT:

The Contractor hereby acknowledges receipt of the sum of Dollars at the signing of this agreement in partial payment of a shell to be constructed on the Purchaser's land. Contractor will be responsible for obtaining the building permit. Contractor will start work immediately upon receipt of same.

1. MODEL:

The Contractor hereby agrees to sell and the Purchaser hereby agrees to buy a shell to be constructed as per plans and specifications for the **Custom (shell)** floor plan. The Contractor shall include all amenities and extras as specified in the specification sheet(s).

2. PROPERTY:

Purchaser will have Contractor place house according to setbacks and sidelines required by local municipality. Contractor agrees to check with municipality prior to construction.

The total purchase price being:

3. PAYMENT SCHEDULE:

Cash payments shall be made as follows:

Deposit at signing of agreement:

\$ [REDACTED]

At the time permit is obtained:

\$ [REDACTED]

At the time the slab is done:

\$ [REDACTED]

At the time the house is blocked up.

\$ [REDACTED]

At the time doors, windows & roof shingles are done:

\$ [REDACTED]

Upon completion of shell when walls are sheetrocked and plastered, all Notices of Intent to file a lien are released, and all punchlist items have been completed:

\$ [REDACTED]

Total purchase price:

\$ [REDACTED]

4. SUBSTITUTE DISBURSEMENT SCHEDULE:

Purchaser agrees not to hold up any payments due Contractor whether funds are personal or borrowed, unless Contractor has not completed his stage of construction.

5. COMPLETION DATE:

The shell will be completed within 90 days from date that building permit is received unless there are delays due to adverse weather conditions, strikes, acts of God, or delays caused by Purchaser or materials which have become obsolete.

6. MATERIAL SUBSTITUTION:

Contractor shall have the right to substitute material and/or color selections for items of equal quality and value, when such standard materials and/or color selections become obsolete or are not readily available at the time of construction. Contractor agrees to notify the Purchaser prior to any selection changes and agrees to offer a choice of all materials of equal value that are available at that time for such a replacement if deemed necessary.

7. WORKMANSHIP CODES:

Workmanship and dimensional variations will be held within normal standards and tolerances for any item or trade in the construction of the home. The Contractor shall build the shell according to plans and specifications attached to this agreement, shall comply with all applicable building codes and shall pass all inspections required by the County.

8. WATER SUPPLY:

Purchaser will provide an adequate supply of water to the building site prior to commencement.

9. LOT CLEARING:

Purchaser will provide adequate clearing of the property where the home is to be erected as well as the area for the septic system which Contractor will determine prior to construction. No trees or debris shall remain in aforesaid areas. Purchaser will provide an access way such as dirt, paved, gravel, or grass road wide enough for construction and delivery trucks.

10. WARRANTY:

The Contractor represents and warrants that the work will be performed in compliance with all local codes. Materials to be used will be sound, good and proper, without faults or defects. In the event defects appear within one year from the date of final payment, the Contractor shall be responsible to remedy, correct, or repair them without further expense to the Purchaser. Furthermore, the Purchaser agrees to notify the Contractor in writing of such defects with reasonable promptness. Such warranty does not include misuse or damage caused by the Purchaser, acts of God, or other natural causes.

11. INSURANCE:

Contractor will obtain a builder's risk insurance policy. Contractor shall maintain a general liability insurance policy.

12. CONTRACTOR-SUBCONTRACTOR-PURCHASER RELATIONSHIP:

This contract is to be performed by the Contractor and his subcontractors. It is understood that nothing in this agreement or in the construction of this shell shall create any contractual relationships between the Purchaser and the Contractor's workmen or his subcontractors. Purchasers may use the below subcontractor(s) for all finishes after the mechanical frame and will be responsible to pay for their services.

Builders Air (estimates [REDACTED] to finish)

Plumbing Concepts (estimates [REDACTED] to finish)

Cason Electric that (estimates [REDACTED] to finish)

13. IMPACT FEES:

Any and/or all Impact fees or any other such fees which are levied by a county or state department or other utility company shall be paid for by the Purchaser prior to commencing construction of the home.

14. LITIGATION PROCEDURES:

In the event any litigation occurs between the contractor and purchaser, both parties agree to have same settled in Alachua County, Florida. If Contractor is awarded judgment in his favor, the purchaser agrees to pay all Contractor's legal fees and costs up through appellate level.

15. ACCESS AGREEMENT:

It is further agreed that the Contractor and/or his authorized representatives shall maintain the right to enter and exit the above real property at whatever time or for whatever reason he deems necessary and shall maintain this described access to the aforesaid real property until final payment is made and received by Contractor from Purchaser.

16. SEWER OR SEPTIC SYSTEM:

Hookups for the sewer or septic system shall be provided on the exterior of the finished shell in such a manner that the finished shell will not need to be compromised to complete the hookup(s). Installation of a septic system or sewer lateral, or hookups is the responsibility of the Purchaser.

17. BINDING AGREEMENT:

This agreement is extended to and binding upon the heirs, executors, administrators, agents and/or successors of the parties herein.

18. SOIL CONDITIONS:

Contractor is responsible for any density tests to determine the condition of the soil. Contractor is not responsible for catastrophic ground cover collapse.

19. SPECIFICATIONS:

A list of work supplied by the Contractor and/or his employees, agents, or subcontractors shall be listed on a separate page and become part of this contract.

20. DELIVERY OF SHELL:

Contractor shall have all construction debris placed in the dumpster. Contractor shall pay for the dumpster up to the date of final payment and will have the dumpster removed at that time at Contractor's expense.

21. MEDIATION:

Parties may, but are not required, to mediate any disputes prior to litigation.

22. STOP WORK ORDER:

In the event Purchaser is unsatisfied with the quality and workmanship of the shell, a stop work order may be issued by the Purchaser. Contractor will stop work immediately upon receipt of said stop work order. Contractor shall be entitled to all payments due and owing per the Payment Schedule up to the date of the stop work order. Should the stop work order be issued between payments described on the Payment Schedule, the Contractor shall be entitled to a reasonable fee for any labor and materials supplied after receipt of the last payment received per the Payment Schedule.

23. MOLD OR MILDEW:

The Contractor is responsible for any kind of actual mold growth or associated Spores whether they are active, dormant, visible or hidden that arises from defects in the construction of the shell.

SPECIFICATIONS FOR SHELL OF HOME
TO BE BUILT AS PER PLAN

SPECIFICATION SHEET

SITE WORK:

- Scraping/Grading (That which is necessary to place home)
- Owner is responsible for supplying fill dirt if needed

FOUNDATION:

- 2 full courses of block
- 6 mill polyurethane vapor barrier under slab
- Concrete slab with Concrete Fiber Mesh
- Termite treatment under slab
- All corners and top course of block around perimeter of building are steel reinforced and poured solid with concrete
- 10X20 concrete footer of steel reinforced poured concrete with 3 5/8 rebars

PLUMBING: (as per plan)

- Rough plumbing (all underground piping, supply and waste)
- Stack out plumbing (all interior piping, vents, tubs & diverters)

ELECTRICAL: (as per plan)

- Rough electrical (rough interior wiring)

AIR CONDITIONING AND HEATING:

- 3 ton system (rough all vents)
- Ducts insulated

INTERIOR FRAMING:

- Interior partition walls 2 x 4 wood studs, studs installed 16" on center
- Furring on block walls 1X2 pressure treated wood 16" on center
- Wood backing installed above windows for curtain rods
- Pressure treated lumber installed where wood touches masonry
- Roof trusses on 24" center
- fireplace 36" and chimney

TRIM:

- Exterior doors insulated steel

TRUSSES:

- As per plan

INTERIOR WALLS:

- Plastered with texture finish
- Kitchen and bathroom smooth finish

WINDOWS:

- Insulated
- Double pane
- Single hung
- Screens

INSULATION:

- 3 1/2" side wall insulation
- 3/4" HR reflective board with 3/4" air space total of R 10.2 on exterior walls
- 3 1/2" fiberglass batts R 11 on walls between garage and living area
- R 30 batts on ceilings in living area
- Off ridge vent for attic ventilation

ROOF OVERHANG:

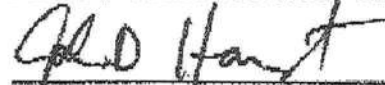
- Two feet

ROOF SHINGLES:

- Self-sealing fiberglass 30 yr.


I/we agree to purchase the above described property in accordance with the total purchase price and general terms and conditions set forth in this agreement.

House Craft Homes, LLC

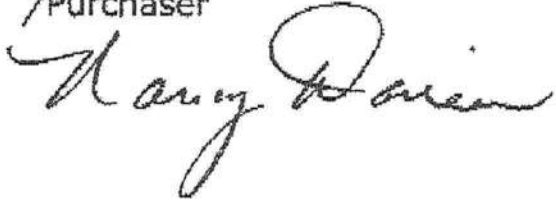


By: John D. Harrington

Its: Vice-president



Purchaser



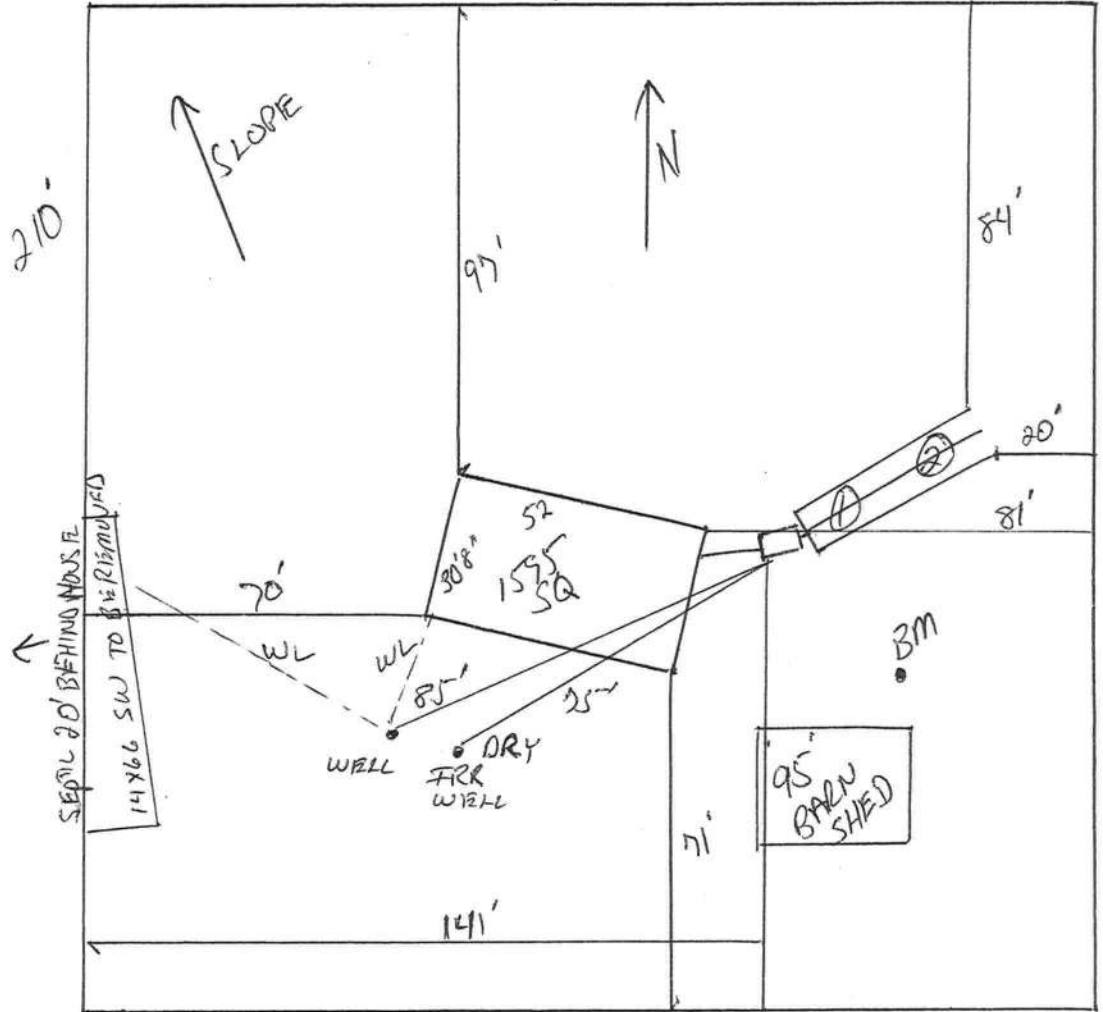
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 11-0260

----- PART II - SITEPLAN ----- 210'

Scale: 1 inch = 40 feet.

SEE
ATTACHED



Notes: 1 of 5 Areas

Site Plan submitted by: Rochy D F

MASTER CONTRACTOR

Plan Approved X

Not Approved

Date 6/3/11

By [Signature]

Columbia CHD

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

(SE)



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 11-2644
DATE PAID: 1031169
FEE PAID: 5125711
RECEIPT #: 318.00
1288320

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Innovative
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: Kenneth Davies

AGENT: ROCKY FORD, A & B CONSTRUCTION

TELEPHONE: 386-497-2311

MAILING ADDRESS: P.O. BOX 39 FT. WHITE, FL, 32038

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: 12 BLOCK: na SUB: Bicentennial Acres Unit 1 PLATTED: _____

PROPERTY ID #: 10-7S-17-09971-007 ZONING: Res. I/M OR EQUIVALENT: ☐ Y ☒ N

PROPERTY SIZE: 5 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ ≤ 2000 GPD ☐ > 2000 GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? ☐ Y ☒ N DISTANCE TO SEWER: _____ FT

PROPERTY ADDRESS: 1040 SE Adams Road, High Springs, FL, 32643

DIRECTIONS TO PROPERTY: 441 South past Oleno State Park, TL on Adams Street, 9/10th miles to property on right

BUILDING INFORMATION

☒ RESIDENTIAL ☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	SF Residential	3	1595	
2				
3				

☒ Floor/Equipment Drains ☐ Other (Specify) _____

SIGNATURE: Rocky D Ford DATE: 5/4/2011

REPLACEMENT OF RESIDENTIAL DWELLING AGREEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

BEFORE ME the undersigned Notary Public personally appeared.

The undersigned, Nancy Davies and Kenneth Davies, Sr., (herein "Owners"), whose physical 911 address is 1040 SE Adams Street, High Springs, FL 32643, hereby understands by executing this Agreement that within 45 days after the issuance of a Certificate of Occupancy for a new residential dwelling (house), the existing residential dwelling (mobile home) shall be removed from the property in order to comply with Columbia County Land Development Regulations (LDR's) on Owner's property, particularly described by reference with Columbia County Property Appraiser Tax Parcel No. 10-7S-17-09971-007, Lot 12, Bicentennial Acres, Unit 1.

Owners have made application to COLUMBIA COUNTY, FLORIDA for a permit which as by definition in the Columbia County LDR's is a residential dwelling on the above reference property. Owners are aware and have been advised that any other uses shall comply with the LDR's and shall obtain any additional permitting or approval as required by the LDR's for such uses. This Agreement is made and given by Affiants with full knowledge and accept the terms of the Agreement and agree to comply with it.

(In Miami - Husband signs)

Owner

Kenneth Davies Sr.
Owner

Nancy Davies

Typed or Printed Name

Kenneth Davies, Sr.

Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 14 day of June, 2011,
by Kenneth Davies Sr (Owner) who is personally known to me or has produced
FL DL

Laurie Hodson
Notary Public



Subscribed and sworn to (or affirmed) before me this _____ day of _____, 20____,
by _____ (Owner) who is personally known to me or has produced
_____ as identification.

Notary Public

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

Clerk's Office Stamp

Inst: 201112007817 Date: 5/25/2011 Time: 12:31 PM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1215 P: 503

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): 1075-17-09471-007
a) Street (job) Address: 1040 SE ADAMS ST High Springs FL 32643
2. General description of improvements: _____
3. Owner Information
a) Name and address: Kenneth Davies
b) Name and address of fee simple titleholder (if other than owner) _____
c) Interest in property: SFD
4. Contractor Information
a) Name and address: HOUSE CRAFT HOMES LLC
b) Telephone No.: 386-462-5323 Fax No. (Opt.) _____
5. Surety Information
a) Name and address: _____
b) Amount of Bond: _____
c) Telephone No.: _____ Fax No. (Opt.) _____
6. Lender
a) Name and address: _____
b) Phone No.: _____
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.) _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.) _____
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

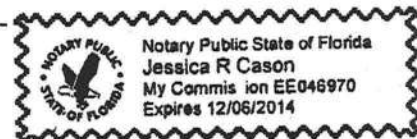
STATE OF FLORIDA
COUNTY OF COLUMBIA

10. Kenneth D. Davies, Sr.
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager
Kenneth D. Davies, Sr.
Printed Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 24 day of May, 2011, by:
_____ as _____ (type of authority, e.g. officer, trustee, attorney fact) for _____ (name of party on behalf of whom instrument was executed).

Personally Known _____ OR Produced Identification _____ Type _____

Notary Signature: Jessica R. Cason Notary Stamp or Seal: _____



11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Jessica R. Cason
Signature of Natural Person Signing (in line #10 above.)

Prepared by and return to:

Mary Shapiro
Employee
Deval, LLC
1750 Tree Blvd
Saint Augustine, FL 32084
091-426859
Parcel ID: 10-7S-17-09971-007

Inst: 201112002440 Date: 2/16/2011 Time: 11:01 AM
Doc Stamp: Deed 291.90
DC, P. DeWitt Cason, Columbia County Page 1 of 2 B: 1209 P: 2663

[Space Above This Line For Recording Data]

Special Warranty Deed

This Special Warranty Deed made this 11th day of February, 2011 between Shaun Donovan, the Secretary of Housing and Urban Development, and/or its successor, whose post office address is 2000 Riveredge Pkwy., Ste. 300, Atlanta, GA 30328, grantor, and Kenneth Davies, Sr. and Nancy Davies, a married couple, whose post office address is 1040 SE Adams Street, High Springs, FL 32643, and grantee:

(Whenever used herein the terms grantor and grantee include all the parties to this instrument and the heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth, that said grantor, for and in consideration of the sum TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained, and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

LOT 12, BICENTENNIAL ACRES, UNIT 1, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 4, PAGES 35 AND 35A, COLUMBIA COUNTY, FLORIDA, TOGETHER WITH A MOBILE HOME LOCATED THEREON AS A PERMANENT FIXTURE AND AN APPURTENANCE THERETO. ID NO. GAFLS75A63587-WE21.

Commonly known as: 1040 SE Adams Street, High Springs, FL 32643

Subject to easements, restrictions, covenants, conditions, agreements and reservations of record, if any, and to taxes for the year 2011 and thereafter.

THIS DEED IS NOT TO BE IN EFFECT UNTIL: February 11, 2011

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons claiming by, through or under grantors.

091-426859
10-7S-17-09971-007

In Witness Whereof, the said grantor has set his/her hand and seal by Grantor as a true and lawful delegate for and on behalf of the said Secretary of Housing and Urban Development, under vested authority and by virtue of the Federal Laws recited at 70 F.R. 43171 (7/25/2005) and as required by said Federal Laws will be maintained at its Web site located at: www.hud.gov/offices/hsg/sfh/leo/leo_home.cfm

Signed, sealed and delivered in our presence:

K. Martin
Witness Signature

Keedra Martin
Print witness name

Holly Morse
Witness Signature

Holly Morse
Print witness name

State of Georgia
County of Fulton

Shaun Donovan
The Secretary of Housing and Urban Development
By: Ofori & Associates, P.C., As Prime Contractor
for the U.S. Department of Housing and Urban Development

By: [Signature] As HUD's
Designated Agent

Naomi Davis
Printed name of Authorized Agent
Ofori & Associates, P.C.
2000 Riveredge Pkwy, Suite 300
Atlanta, GA 30328

Before me personally appeared Naomi Davis, who is personally well known to me and known to me to be the duly appointed Delegate for the US Department of HUD, and the person who executed the foregoing instrument, by virtue of the authority vested in him/her by the above cited authority, and acknowledged before me he/she executed the same as for and on behalf of Shaun Donovan, Secretary, Department of Housing and Urban Development, for the purpose therein expressed.

Witness my hand official seal this 7th day of February, 2011.

Seal

[Signature]
Notary Signature



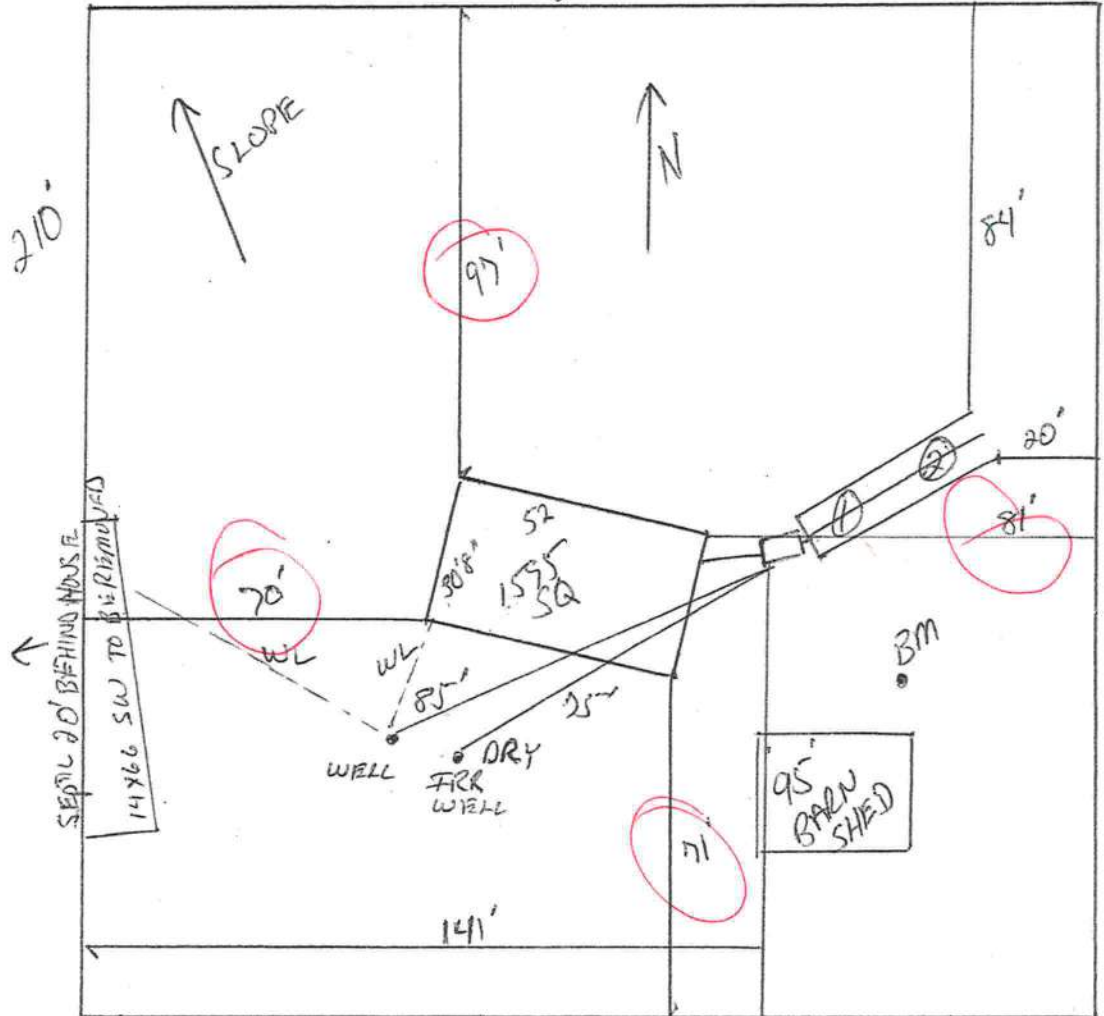
**STATE OF FLORIDA
DEPARTMENT OF HEALTH**
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number _____

----- PART II - SITEPLAN ----- 210'

Scale: 1 inch = 40 feet.

SEE
ATTACHED



Notes: _____ 1 of 5 Pages

Site Plan submitted by: Rocky D F

MASTER CONTRACTOR

Plan Approved _____ Not Approved _____

Date _____

By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT


FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

<p>Project Name: Davies</p> <p>Street:</p> <p>City, State, Zip: Gainesville, FL, 32608-</p> <p>Owner: Davies</p> <p>Design Location: FL, Gainesville</p>	<p>Builder Name: Housecraft</p> <p>Permit Office: <i>Columbia County</i></p> <p>Permit Number: <i>29474</i></p> <p>Jurisdiction: <i>221006</i></p>
--	--

<p>1. New construction or existing New (From Plans)</p> <p>2. Single family or multiple family Single-family</p> <p>3. Number of units, if multiple family 1</p> <p>4. Number of Bedrooms 3</p> <p>5. Is this a worst case? No</p> <p>6. Conditioned floor area (ft²) 1600</p> <p>7. Windows</p> <table style="width: 100%;"> <thead> <tr> <th></th> <th>Description</th> <th>Area</th> </tr> </thead> <tbody> <tr> <td>a. U-Factor:</td> <td>DbI, U=0.55</td> <td>193.00 ft²</td> </tr> <tr> <td>SHGC:</td> <td>SHGC=0.60</td> <td></td> </tr> <tr> <td>b. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>c. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>d. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>e. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> </tbody> </table> <p>8. Floor Types</p> <table style="width: 100%;"> <thead> <tr> <th></th> <th>Insulation</th> <th>Area</th> </tr> </thead> <tbody> <tr> <td>a. Slab-On-Grade Edge Insulation</td> <td>R=5.0</td> <td>1600.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> </tbody> </table>		Description	Area	a. U-Factor:	DbI, U=0.55	193.00 ft ²	SHGC:	SHGC=0.60		b. U-Factor:	N/A	ft ²	SHGC:			c. U-Factor:	N/A	ft ²	SHGC:			d. U-Factor:	N/A	ft ²	SHGC:			e. U-Factor:	N/A	ft ²	SHGC:				Insulation	Area	a. Slab-On-Grade Edge Insulation	R=5.0	1600.00 ft ²	b. N/A	R=	ft ²	c. N/A	R=	ft ²	<p>9. Wall Types</p> <table style="width: 100%;"> <thead> <tr> <th></th> <th>Insulation</th> <th>Area</th> </tr> </thead> <tbody> <tr> <td>a. Concrete Block - Int Insul, Exterior</td> <td>R=13.0</td> <td>1328.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>d. N/A</td> <td>R=</td> <td>ft²</td> </tr> </tbody> </table> <p>10. Ceiling Types</p> <table style="width: 100%;"> <thead> <tr> <th></th> <th>Insulation</th> <th>Area</th> </tr> </thead> <tbody> <tr> <td>a. Under Attic (Vented)</td> <td>R=30.0</td> <td>1600.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> </tbody> </table> <p>11. Ducts</p> <p>a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6, 320 ft²</p> <p>12. Cooling systems</p> <p>a. Central Unit Cap: 36.0 kBtu/hr SEER: 14</p> <p>13. Heating systems</p> <p>a. Electric Heat Pump Cap: 36.0 kBtu/hr HSPF: 8.5</p> <p>14. Hot water systems</p> <p>a. Electric Cap: 40 gallons EF: 0.92</p> <p>b. Conservation features None</p> <p>15. Credits Pstat</p>		Insulation	Area	a. Concrete Block - Int Insul, Exterior	R=13.0	1328.00 ft ²	b. N/A	R=	ft ²	c. N/A	R=	ft ²	d. N/A	R=	ft ²		Insulation	Area	a. Under Attic (Vented)	R=30.0	1600.00 ft ²	b. N/A	R=	ft ²	c. N/A	R=	ft ²
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c. N/A	R=	ft ²																																																																							

Glass/Floor Area: 0.121	Total As-Built Modified Loads: 30.27	PASS
	Total Baseline Loads: 35.60	

<p>I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.</p> <p>PREPARED BY: <i>[Signature]</i></p> <p>DATE: <i>5-10-11</i></p> <p>I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.</p> <p>OWNER/AGENT: _____</p> <p>DATE: _____</p>	<p>Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.</p> <p>BUILDING OFFICIAL: _____</p> <p>DATE: _____</p> <div style="text-align: center;">  <p>GREAT SEAL OF THE STATE OF FLORIDA IN GOD WE TRUST</p> </div>
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100
100
100

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 85

The lower the EnergyPerformance Index, the more efficient the home.

, Gainesville, FL, 32608-

1. New construction or existing	New (From Plans)	9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family	a. Concrete Block - Int Insul, Exterior	R=13.0	1328.00 ft ²
3. Number of units, if multiple family	1	b. N/A	R=	ft ²
4. Number of Bedrooms	3	c. N/A	R=	ft ²
5. Is this a worst case?	No	d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	1600	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	1600.00 ft ²
a. U-Factor:	Dbl, U=0.55	b. N/A	R=	ft ²
SHGC:	SHGC=0.60	c. N/A	R=	ft ²
b. U-Factor:	N/A	11. Ducts		
SHGC:		a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6, 320 ft ²		
c. U-Factor:	N/A	12. Cooling systems		
SHGC:		a. Central Unit	Cap: 36.0 kBtu/hr	
d. U-Factor:	N/A		SEER: 14	
SHGC:		13. Heating systems		
e. U-Factor:	N/A	a. Electric Heat Pump	Cap: 36.0 kBtu/hr	
SHGC:			HSPF: 8.5	
8. Floor Types	Insulation	Area		
a. Slab-On-Grade Edge Insulation	R=5.0	1600.00 ft ²		
b. N/A	R=	ft ²		
c. N/A	R=	ft ²		
		14. Hot water systems		
		a. Electric	Cap: 40 gallons	
			EF: 0.92	
		b. Conservation features		
		None		
		15. Credits		Pstat

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



*Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at (321) 638-1492 or see the Energy Gauge web site at energygauge.com for information and a list of certified Raters. For information about Florida's Energy Efficiency Code for Building Construction, contact the Department of Community Affairs at (850) 487-1824.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

Project:					Room		A			
Location: Gainesville Florida					Running ft wall		29			
Indoor Heating Db	70	Outdoor 99% db		42	Ceiling Height		8			
Indoor Cooling db	75	Outdoor 1% db		93	Gross Wall		232			
Indoor Cooling RH	55%	Grains Difference		39	Square Feet		210			
Latitude	28	Elevation		100	Cubic feet		1680	0	0	0
Type of Exposure			Construction Number	Panel Faces	HTM		Area	Htg	Clg	L-Clg
					Htg	Clg				
6A	Windows Glass Doors	a	1D-h Dbl low E	N	15.96	24	15	239.4	360	
		b	1D-h Dbl low E	E/W	15.96	73	15	239.4	1095	
		c	1D-h Dbl low E	S	15.96	38		0	0	
		d						0	0	
		e						0	0	
6B	Skylights	a	8Ac-1 Metal singl		43.66	208		0	0	
		b	8Bc-1 Metal doubl		27.38	171		0	0	
7	Wood & Metal Doors	a	11-D Wood solid		14.43	12.09		0	0	
		b	11-J Metal fiber		22.2	18.6		0	0	
8	Above Grade Walls & Partitions		NET WALL				202			
		a	12C-Os R-13 frame		3.36	1.65		0	0	
		b	12E-Os r-19 frame		2.51	1.16		0	0	
		c	13A-5oc R-5 block		4.63	2.13	202	935.26	430.26	
		d						0	0	
9	Below Grade	a						0	0	
10	Ceilings		NET CEILINGS				210			
		a	16C-19 Vented attic		1.81	2.2		0	0	
		b	16C-30 Vented attic		1.19	1.44	210	249.9	302.4	
11	Floors	a	22A-ph slab no insul		1.358	0	29	39.382	0	
		b	20P-13 Garage craw		2.52	1.16		0	0	
12	Infiltration	a	5-A Semi tight A/C		26	14	30	780	420	0
		b						0	0	0
13	Internal loads	a	6A- Appliance load			1200	0	0	0	0
		b	Occupants	200	0	230	2	0	460	400
14	Subtotals							2483.34	3067.66	400
15	Duct loads	a	7B-T Trunk branch	0	0.18	0.35		447.002	1073.68	0
		b		0	0	0		0	0	0
16	Ventilation load			0	0	0		0	0	0
17	Winter Humid			0	0	0		0	0	0
18	Blower heat			0	0	0		0	0	0
19	Latent Migration			0	0	0		0	0	0
20	Total heating load		21545.73092					2930.34		
21	Total cooling sensible		33154.731						4141.34	
22	Total latent load		3200							800
23	Room CFM heating							190.408		
24	Room CFM cooling								174.873	
Builder's Air Of North Florida Inc. 5510 SW 41 Blvd. Gainesville, Florida 32608 352-373-3111, 352-373-3144 www.buildersair.com				Air Changes		1012.27				
				Design CFM		1400				
				Heating MTL		0.06498				
				Cooling MTL		0.04223				

H				I				J			
26				6							
8				8							
208				48				0			
165				54							
1320	0	0	0	432	0	0	0	0	0	0	0
Area	Htg	Clg	L-Clg	Area	Htg	Clg	L-Clg	Area	Htg	Clg	L-Clg
	0	0			0	0			0	0	
15	239.4	1095			0	0			0	0	
15	239.4	570			0	0			0	0	
	0	0			0	0			0	0	
	0	0			0	0			0	0	
	0	0			0	0			0	0	
	0	0			0	0			0	0	
	0	0			0	0			0	0	
	0	0			0	0			0	0	
	0	0			0	0			0	0	
178				48				0			
	0	0			0	0			0	0	
	0	0			0	0			0	0	
178	824.14	379.14		48	222.24	102.24			0	0	
	0	0			0	0			0	0	
	0	0			0	0			0	0	
165				54				0			
	0	0			0	0			0	0	
165	196.35	237.6		54	64.26	77.76			0	0	
26	35.308	0		6	8.148	0			0	0	
	0	0			0	0			0	0	
30	780	420	0		0	0	0		0	0	0
	0	0	0		0	0	0		0	0	0
	0	0	0		0	0	0		0	0	0
2	0	460	400		0	0	0		0	0	0
	2314.6	3161.74	400		294.648	180	0		0	0	0
	416.628	1106.61	0		53.0366	63	0		0	0	0
	0	0	0		0	0	0		0	0	0
	0	0	0		0	0	0		0	0	0
	0	0	0		0	0	0		0	0	0
	0	0	0		0	0	0		0	0	0
	0	0	0		0	0	0		0	0	0
	2731.23				347.685				0		
		4268.35				243				0	
			400				0				0
	177.47				22.5919				0		
		180.236				10.261				0	

BEARING HEIGHT SCHEDULE

8'-0"

NOTES:

- 1) REFER TO HD 91 RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING. REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
- 2) ALL TRUSSES, INCLUDING TRUSSES UNDER VALLEY FRAMING, MUST BE CONSIDERED DETACHED OR REFER TO DETAIL 400 FOR ALTERNATE BRACING REQUIREMENTS.
- 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
- 4) ALL TRUSSES ARE DESIGNED FOR 2" OC. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
- 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
- 6) 5/4x2 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
- 7) ALL ROOF TRUSS HANGERS TO BE SAMPSON H1006, UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SAMPSON TH4422, UNLESS OTHERWISE NOTED.
- 8) BE ADHERED TO, HEREIN TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND WALLS. ALL TRUSSES, ARCHITECTURAL, OR OTHER TRUSS LAYOUTS, REPAIR AND REMOVAL OF THIS LAYOUT MUST BE REJECTED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Inspected Drawing Date: _____

Approved By: _____ Date: _____



Burnell

PHONE: 904-437-3349 FAX: 904-437-3494

Jacksonville

PHONE: 904-772-8300 FAX: 904-772-9173

Lake City

PHONE: 386-793-6894 FAX: 386-793-7973

Sanford

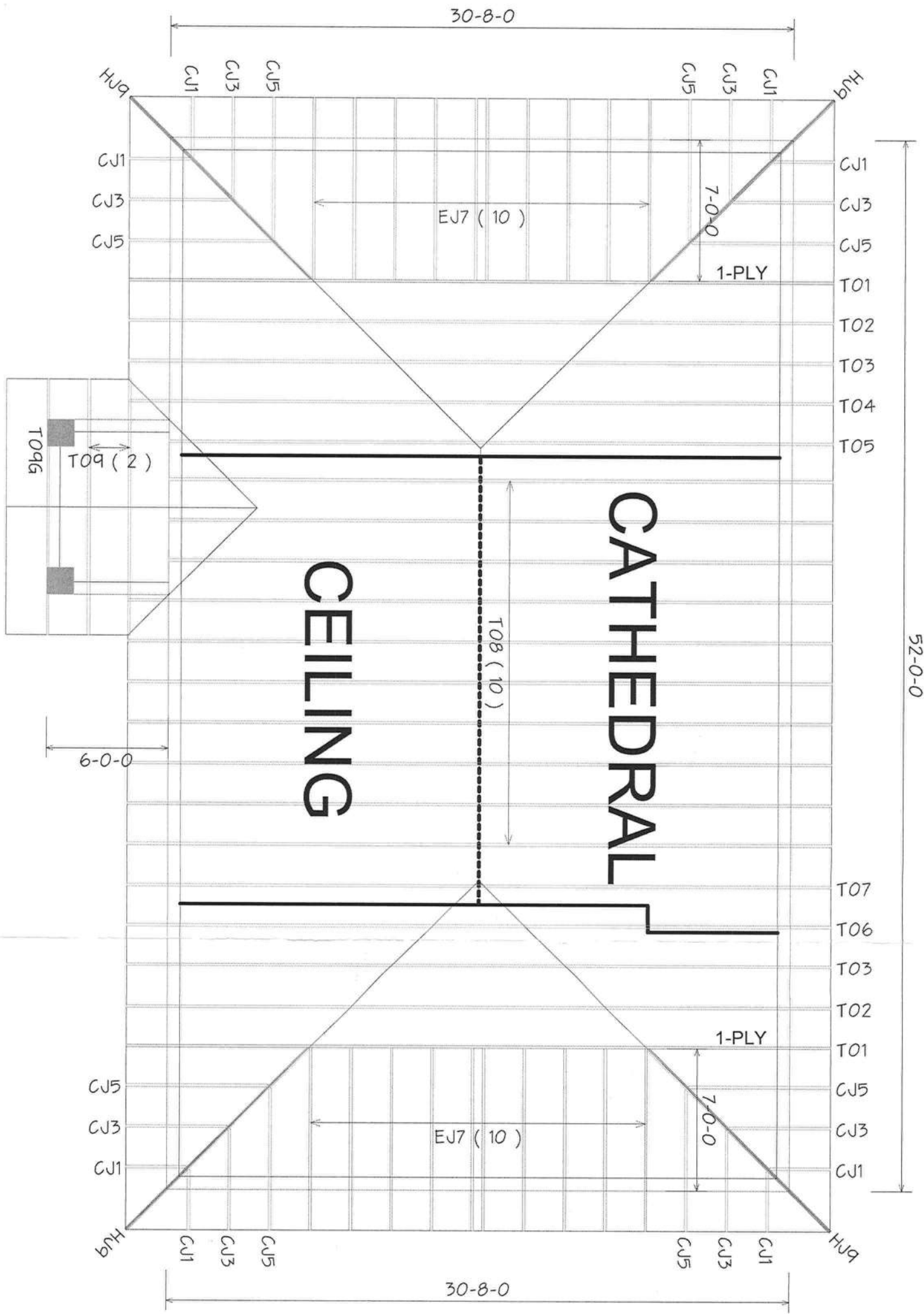
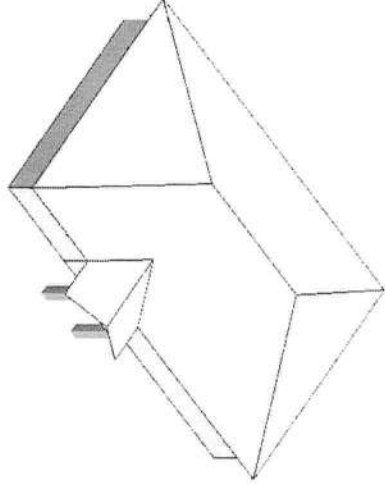
PHONE: 407-322-0094 FAX: 407-322-9993

HOUSECRAFT HOMES

DAVIES RES.

DADE

DATE: 5-8-11 K.L.H. 372536



CATHEDRAL
CEILING

