

DATE 07/29/2010

**Columbia County Building Permit**  
This Permit Must Be Prominently Posted on Premises During Construction**PERMIT**  
**000028762**

APPLICANT RONNIE ROBINSON PHONE 623-2404  
ADDRESS 557 SW LITTLE RD LAKE CITY FL 32024  
OWNER RACHAEL JONES PHONE 755-0024  
ADDRESS 140 SW WOODGRASS GLEN LAKE CITY FL 32024  
CONTRACTOR RONNIE ROBISON PHONE 623-2404

LOCATION OF PROPERTY 90W, TL 247S, TL KIRBY RD, TL WOODCREST RD,TR  
HUNTSVIEW WAY, TR WOODGRASS GLEN, 2ND HOUSE ON LEFT

TYPE DEVELOPMENT ADDITION TO SFD ESTIMATED COST OF CONSTRUCTION 9800.00

HEATED FLOOR AREA 196.00 TOTAL AREA 196.00 HEIGHT        STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT       

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.       

PARCEL ID 11-4S-16-02905-305 SUBDIVISION WOODCREST

LOT 50 BLOCK        PHASE        UNIT        TOTAL ACRES 0.56

CBC1253729  
Culvert Permit No.        Culvert Waiver        Contractor's License Number        Applicant/Owner/Contractor       

EXISTING 10-357 BK TC N

Driveway Connection        Septic Tank Number        LU & Zoning checked by        Approved for Issuance        New Resident       

COMMENTS: ADDITION TO EXISTING DWELLING, NOC ON FILE

Check # or Cash 2549

**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 \$ 50.00 CERTIFICATION FEE \$ 0.98 SURCHARGE FEE \$ 0.98

MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$       

FLOOD DEVELOPMENT FEE \$        FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$        **TOTAL FEE** 126.96

INSPECTORS OFFICE        CLERKS OFFICE       

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.**



### Notice of Treatment

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**

Address: 536 56 Baya Dr

City: Lake City

Phone: 752-1703

Site Location: Subdivision

Lot # \_\_\_\_\_ Block# \_\_\_\_\_

Permit # 28762

Address 1405W Woodgrass Gl, L.C.

#### Product used

	Active Ingredient	% Concentration
<input checked="" type="checkbox"/> Premise	Imidacloprid	0.1%
<input type="checkbox"/> Termidor	Fipronil	0.12%
<input type="checkbox"/> Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Soil

196

42

4

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line \_\_\_\_\_

7/30/10  
Date

9:19  
Time

Nail F295  
Print Technician's Name

Remarks: \_\_\_\_\_

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05 ©



#28762

## Notice of Treatment

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**Address: 536 SE Baya DrCity: Lake City Phone: 752-1703Site Location: Subdivision WOODCRESTLot # \_\_\_\_\_ Block# \_\_\_\_\_ Permit # 28762Address 140 SW Woodgrass Glen, L.C.

Product used	Active Ingredient	% Concentration
<input type="checkbox"/> Premise	Imidacloprid	0.1%
<input checked="" type="checkbox"/> Termidor	Fipronil	<del>0.12%</del> 0.069
<input type="checkbox"/> Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment:

☒ Soil☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
<u>Perimeter</u>	_____	<u>42</u>	<u>16</u>
_____	_____	_____	_____
_____	_____	_____	_____

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line (W).

Date 8/20/10Time 1:20Print Technician's Name Ned F295

Remarks: \_\_\_\_\_

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



Prepared by:  
Michael H. Harrell  
Abstract & Title Services, Inc.  
P. O. Box 7175  
Lake City, FL 32055

ATS# 2-17966

## Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 30th day of June, 2010, Billy I. Steedley, and his wife, Rebecca K. Steedley, hereinafter called the grantor, to Racheal V. Jones whose post office address is: 140 SW Woodgrass Glen #2, Lake City, FL 32025 hereinafter called the grantee:

(Wherever 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 corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, Florida, viz: Parcel ID# 02905-350

Lot 50, Woodcrest Unit 2, a subdivision as per plat thereof recorded in Plat Book 6, pages 186-188 of the Public Records of Columbia County, Florida.

TOGETHER with all 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 whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2009.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Donna Cox  
Witness:

Donna Cox  
Printed Name:

Traci Landry  
Witness:  
Traci Landry

Printed Name:

Billy I. Steedley, By His Attorney  
In Fact,  
Rebecca K. Steedley  
Billy I. Steedley, by His Attorney In Fact, Rebecca K. Steedley

Rebecca K. Steedley  
Rebecca K. Steedley

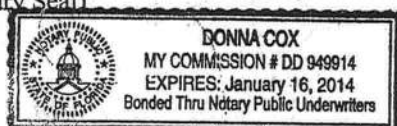
STATE OF FLORIDA

COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 30th day of June, 2010 by REBECCA K. STEEDLEY, WIFE OF BILLY I. STEEDLEY AND ATTORNEY IN FACT FOR BILLY I. STEEDLEY, personally known to me or, if not personally known to me, who produced DL for identification and who did not take an oath.

Donna Cox  
Notary Public

(Notary Seal)





# COLUMBIA COUNTY OFFICIAL CALVINY

## OCCUPANCY

### COLUMBIA COUNTY, FLORIDA

#### Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 11-4S-16-02905-305

Building permit No. 000028762

Use Classification ADDITION TO SFD

Fire: 0.00

Permit Holder RONNIE ROBINSON

Waste:           

Owner of Building RACHAEL JONES

Total: 0.00

Location: 140 SW WOODGRASS GLEN

Date: 08/20/2010

*Sherry Bickel*

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)



# **SUBCONTRACTOR VERIFICATION FORM**

APPLICATION NUMBER \_\_\_\_\_ CONTRACTOR \_\_\_\_\_ PHONE \_\_\_\_\_

**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.**

<b>ELECTRICAL</b> OK	Print Name <u>DONALD R. Hollingsworth</u> License #: <u>EK13012377</u>	Signature <u>[Signature]</u> Phone #: <u>386-755-5944</u>
<b>MECHANICAL/A/C</b> OK	Print Name <u>DAVID HALL'S INC.</u> License #: <u>CACD 57424</u>	Signature <u>[Signature]</u> Phone #: <u>386-755-7792</u>
<b>PLUMBING/GAS</b>	Print Name <u>X</u> License #: <u>X</u>	Signature _____ Phone #: _____
<b>ROOFING</b>	Print Name <u>Ronnie Robinson</u> License #: <u>CBC 1253729</u>	Signature <u>[Signature]</u> Phone #: <u>386-623-2424</u>
<b>SHEET METAL</b>	Print Name <u>X</u> License #: <u>X</u>	Signature _____ Phone #: _____
<b>FIRE SYSTEM/SPRINKLER</b>	Print Name <u>X</u> License #: <u>X</u>	Signature _____ Phone #: _____
<b>SOLAR</b>	Print Name <u>X</u> License #: <u>X</u>	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER	OK 218	TONY E. JORDAN	Tony E. Jordan
FRAMING	OK CBC1253729	Ronnie Robinson	Ronnie Robinson
INSULATION	- CBC1253729	Ronnie Robinson	Ronnie Robinson
STUCCO			
DRYWALL	- CBC1253729	Ronnie Robinson	Ronnie Robinson
PLASTER			
CABINET INSTALLER			
PAINTING	- CBC1253729	Ronnie Robinson	Ronnie Robinson
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE	OK 000876	Ryan's Floor Covering Inc.	Ryan Hardin
FLOOR COVERING	OK 000546	Ryan's Floor Covering Inc.	Ryan Hardin
ALUM/VINYL SIDING	OK 000312	Paul Phinney	Paul Phinney
GARAGE DOOR			
METAL BLDG ERECTOR			

**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.





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

PERMIT NO. A0973217  
DATE PAID: 7/22/10  
FEE PAID: 125.00  
RECEIPT #: 12-PID-1390630

## APPLICATION FOR:

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

APPLICANT: Ronald Mack Robinson Jr. Racheal V. Jones

AGENT: Ronald Mack Robinson Jr. Const. TELEPHONE: (386)-623-2404

MAILING ADDRESS: 140 SW Woodgrass Glen Lake City, FL 32024

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(a) OR 489.552, FLORIDA STATUTES.

## PROPERTY INFORMATION

LOT: 50 BLOCK: Unit 2 SUBDIVISION: Woodcrest PLATTED: yes  
11-45-16  
PROPERTY ID #: 02905-350 ZONING: Res. I/M OR EQUIVALENT: ☐ Y ☐ N

PROPERTY SIZE: .58 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ <=2000GPD ☐ >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? ☒ Y ☐ N DISTANCE TO SEWER: 16 FT

PROPERTY ADDRESS: 140 SW Woodgrass Glen Lake City, FL 32024

DIRECTIONS TO PROPERTY: South 247 (2) on Kirby Rd (2) Woodcrest  
go down to (2) Huntsview take (2) then go down (2) on  
Woodgrass go to House (2) in the Cul de Sac.

## 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	(Existing) House	3	1460	
2	(Addition) Florida Room	X	196	
3				
4				

☐ Floor/Equipment Drains ☐ Other (Specify) \_\_\_\_\_

SIGNATURE:

Ronald Mack Robinson Jr.

DATE:

July 22, 2010

ENTERED

RECEIVED



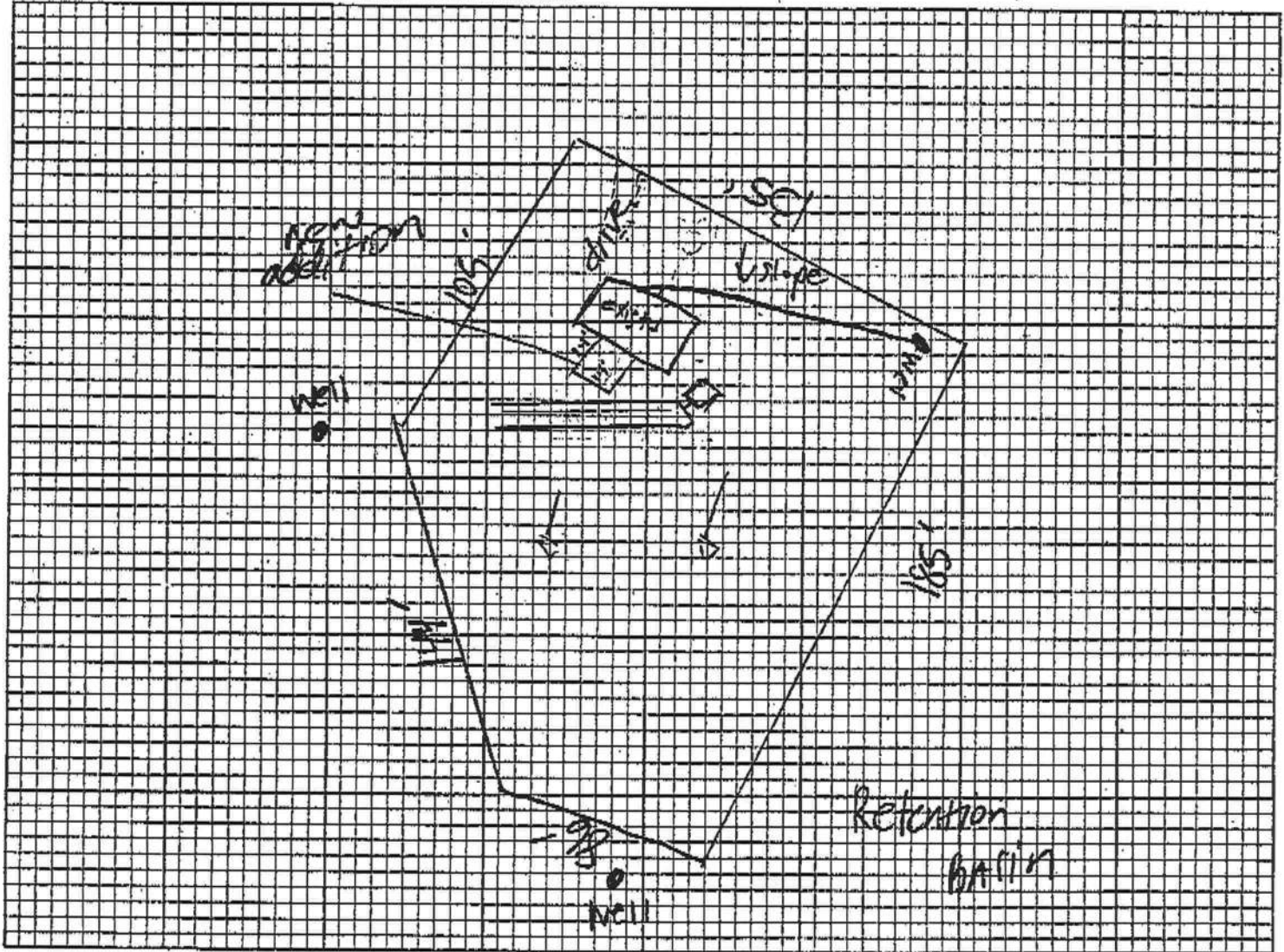
STATE OF FLORIDA  
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 10-0357-E

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes:

drawn by SF

Site Plan submitted by:

*Donald Mark Robinson*

Signature

Plan Approved ☒

Not Approved

Title

Date 7/27/10

By

**Columbia CHD**

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



**Columbia County Building Permit Application**

CK# 2549

**For Office Use Only** Application # 1007-42 Date Received 7/26/10 By GF Permit # 28762

Zoning Official BLK Date 29.07.10 Flood Zone X Land Use RES Low Dev Zoning RSF-2

FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner T.C. Date 7-28-10

Comments ✓

☐ NOC ☒ EH ☐ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # \_\_\_\_\_

☐ Dev Permit # \_\_\_\_\_ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter

IMPACT FEES: EMS \_\_\_\_\_ Fire \_\_\_\_\_ Corr \_\_\_\_\_ Road/Code \_\_\_\_\_

School \_\_\_\_\_ = TOTAL N/A addition to existing Dwelling NOT VF

Septic Permit No. 10-0357-E

Fax \_\_\_\_\_

Name Authorized Person Signing Permit Ronnie Robinson Phone (386) 623-2404

Address 557 SW Little Rd Lake City Fl. 32024

Owners Name Rachael V. Jones Phone (386) 755-0024

911 Address 140 SW Woodgrass Glen Lake City, Fl. 32024

Contractors Name Ronald Mack Robinson Jr. Const. Phone (386) 623-2404

Address 557 SW Little Rd Lake City, Fl 32024

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address \_\_\_\_\_

Mortgage Lenders Name & Address \_\_\_\_\_

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

Property ID Number 11-45-16 02905-350 Estimated Cost of Construction \$16,000.

Subdivision Name Wood Crest Lot 50 Block \_\_\_\_\_ Unit 2 Phase \_\_\_\_\_

Driving Directions 247 south (R) on Kirby Rd, (L) on Woodcrest DR, Take Huntsway last road on (R) then (R) on Woodgrass, go to Cul de sac house on left. 2nd house on left!

Number of Existing Dwellings on Property 1

Construction of Addition to SFD Total Acreage .56 Lot Size \_\_\_\_\_

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 9

Actual Distance of Structure from Property Lines - Front 60' Side 90' Side 100' Rear 338'

Number of Stories 1 Heated Floor Area 196 Total Floor Area 196 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.

(EFF MESSAGE GF)  
7/29/10



## 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. It may be to your advantage to check and see if your property is encumbered by any restrictions.

(Owners Must Sign All Applications Before Permit Issuance.)

Rachael D. Jones  
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.

Donald Mack Johnson  
Contractor's Signature (Permitee)

Contractor's License Number CBC1253729  
Columbia County  
Competency Card Number \_\_\_\_\_

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 26th day of July 2010.

Personally known GALE TEDDER or Produced Identification \_\_\_\_\_

State of Florida Notary Signature (For the Contractor)

SEAL:





Inst: 201012011748 Date: 7/26/2010 Time: 10:25 AM  
 DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1198 P: 858

**NOTICE OF COMMENCEMENT**

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 02905-350

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): 140 S.W. WOODGRASS GLEN  
 a) Street (Job) Address: \_\_\_\_\_
2. General description of improvements: 14'X14' FL. ROOM
3. Owner Information  
 a) Name and address: RACHEAL V. JONES - 140 S.W. WOODGRASS GLEN, L.C., FL. 32024  
 b) Name and address of fee simple titleholder (if other than owner) NONE  
 c) Interest in property: \_\_\_\_\_
4. Contractor Information  
 a) Name and address: Ronald Mack Robinson Jr. SW Little Rd. 557 Lake City, FL. 32024  
 b) Telephone No.: \_\_\_\_\_ Fax No. (Opt.): \_\_\_\_\_
5. Surety Information  
 a) Name and address: NONE  
 b) Amount of Bond: \_\_\_\_\_  
 c) Telephone No.: \_\_\_\_\_ Fax No. (Opt.): \_\_\_\_\_
6. Lender  
 a) Name and address: NONE  
 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: NONE  
 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: NONE  
 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. Racheal V. Jones  
 Signature of Owner or Owner's Authorized Office/Director/Partner/Manager  
Racheal V. Jones  
 Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 22 day of July, 20 10, by:  
Racheal V. Jones as \_\_\_\_\_ (type of authority, e.g. officer, trustee, attorney

fact) for \_\_\_\_\_ (name of party on behalf of whom instrument was executed).

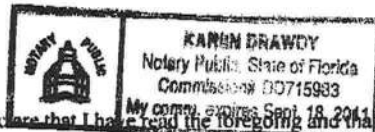
Personally Known \_\_\_\_\_ OR Produced Identification ☒ Type GA driver's license

Notary Signature [Signature] Notary Stamp or Seal:

-AND-

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.

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



**FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION**

Florida Department of Community Affairs Residential Performance Method A

Project Name: Jones Addition  
 Street: 140 NW Woodgrass Glen  
 City, State, Zip: Lake City, FL, 32024-  
 Owner: Jones  
 Design Location: FL, Gainesville

Builder Name: R. Robinson  
 Permit Office: Columbia Co  
 Permit Number: 28762  
 Jurisdiction: 121000

1. New construction or existing	New (From Plans)	
2. Single family or multiple family	Single-family	
3. Number of units, if multiple family	1	
4. Number of Bedrooms	3	
5. Is this a worst case?	No	
6. Conditioned floor area (ft <sup>2</sup> )	1586	
7. Windows	Description	Area
a. U-Factor:	Dbl, U=0.80	109.58 ft <sup>2</sup>
SHGC:	SHGC=0.70	
b. U-Factor:	Dbl, U=0.55	45.00 ft <sup>2</sup>
SHGC:	SHGC=0.60	
c. U-Factor:	N/A	ft <sup>2</sup>
SHGC:		
d. U-Factor:	N/A	ft <sup>2</sup>
SHGC:		
e. U-Factor:	N/A	ft <sup>2</sup>
SHGC:		
8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1586.00 ft <sup>2</sup>
b. N/A	R=	ft <sup>2</sup>
c. N/A	R=	ft <sup>2</sup>

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1275.30 ft <sup>2</sup>
b. Frame - Wood, Adjacent	R=13.0	160.00 ft <sup>2</sup>
c. N/A	R=	ft <sup>2</sup>
d. N/A	R=	ft <sup>2</sup>
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1586.00 ft <sup>2</sup>
b. N/A	R=	ft <sup>2</sup>
c. N/A	R=	ft <sup>2</sup>
11. Ducts		
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 397 ft <sup>2</sup>		
12. Cooling systems		
a. Central Unit	Cap: 35 kBtu/hr	SEER: 13
13. Heating systems		
a. Electric Heat Pump	Cap: 35 kBtu/hr	HSPF: 7.7
14. Hot water systems		
a. Electric	Cap: 30 gallons	EF: 0.92
b. Conservation features		
None		
15. Credits		Pstat

Glass/Floor Area: 0.097

Total As-Built Modified Loads: 29.48

Total Baseline Loads: 34.80

**PASS**

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: T.A. OellerDATE: 7/22/10

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: \_\_\_\_\_

DATE: \_\_\_\_\_

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.



BUILDING OFFICIAL: \_\_\_\_\_

DATE: \_\_\_\_\_



## PROJECT

Title: Jones Addition	Bedrooms: 3	Address Type: Street Address
Building Type: FLAsBuilt	Bathrooms: 0	Lot #
Owner: Jones	Conditioned Area: 1586	SubDivision:
# of Units: 1	Total Stories: 1	PlatBook:
Builder Name: R. Robinson	Worst Case: No	Street: 140 NW Woodgrass Gl
Permit Office: Columbia Co	Rotate Angle: 0	County: Columbia
Jurisdiction: 121000	Cross Ventilation:	City, State, Zip: Lake City ,
Family Type: Single-family	Whole House Fan:	FL , 32024-
New/Existing: New (From Plans)		
Comment: Existing House plus Addition		

## CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

## FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	192 ft	0	1586 ft²	0.3	0	0.7

## ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	1718 ft²	0 ft²	Medium	0.96	No	0	22.6 deg

## ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1586 ft²	N	N

## CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	1586 ft²	0.11	Wood

## WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Frame - Wood	13	380 ft²		0.23	0.75
_____	2	E	Exterior	Frame - Wood	13	226 ft²		0.23	0.75
_____	3	S	Exterior	Frame - Wood	13	128 ft²		0.23	0.75
_____	4	E	Exterior	Frame - Wood	13	112 ft²		0.23	0.75
_____	5	S	Exterior	Frame - Wood	13	112 ft²		0.23	0.75
_____	6	W	Exterior	Frame - Wood	13	112 ft²		0.23	0.75
_____	7	S	Exterior	Frame - Wood	13	141.33 ft²		0.23	0.75
_____	8	W	Garage	Frame - Wood	13	160 ft²		0.23	0.01
_____	9	W	Exterior	Frame - Wood	13	64 ft²		0.23	0.75

DOORS												
✓	#	Ornt	Door Type		Storms	U-Value	Area					
✓	1	N	Insulated		Metal	0.46	20 ft²					
✓	2	N	Insulated		Metal	0.46	20 ft²					

WINDOWS													
Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.													
✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Separation	Int Shade	Screening
✓	1	N	Metal	Low-E Double	Yes	0.55	0.6	N	45 ft²	2 ft 0 in	0 ft 6 in	HERS 2006	None
✓	2	E	Metal	Low-E Double	Yes	0.8	0.7	N	11.25 ft²	2 ft 0 in	0 ft 6 in	HERS 2006	None
✓	3	E	Metal	Low-E Double	Yes	0.8	0.7	N	2.08 ft²	2 ft 0 in	0 ft 6 in	HERS 2006	None
✓	4	E	Metal	Low-E Double	Yes	0.8	0.7	N	22.5 ft²	2 ft 0 in	0 ft 6 in	HERS 2006	None
✓	5	S	Metal	Low-E Double	Yes	0.8	0.7	N	22.5 ft²	2 ft 0 in	0 ft 6 in	HERS 2006	None
✓	6	S	Metal	Low-E Double	Yes	0.8	0.7	N	11.25 ft²	2 ft 0 in	0 ft 6 in	HERS 2006	None
✓	7	W	Metal	Low-E Double	Yes	0.8	0.7	N	22.5 ft²	2 ft 0 in	0 ft 6 in	HERS 2006	None
✓	8	S	Metal	Low-E Double	Yes	0.8	0.7	N	11.25 ft²	2 ft 0 in	0 ft 6 in	HERS 2006	None
✓	9	S	Metal	Low-E Double	Yes	0.8	0.7	N	6.25 ft²	2 ft 0 in	0 ft 6 in	HERS 2006	None

INFILTRATION & VENTING										
✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	--- Forced Ventilation --- Supply CFM Exhaust CFM		Run Time Fraction	Fan Watts
✓	Default	0.00036	1498	7.08	82.2	154.6	0 cfm	0 cfm	0	0

GARAGE						
✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
✓	1	420 ft²	420 ft²	62 ft	8 ft	11

COOLING SYSTEM								
✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
✓	1	Central Unit	None	SEER: 13	35 kBtu/hr	1050 cfm	0.75	False

HEATING SYSTEM						
✓	#	System Type	Subtype	Efficiency	Capacity	Ductless
✓	1	Electric Heat Pump	None	HSPF: 7.7	35 kBtu/hr	False

HOT WATER SYSTEM							
✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	0.92	30 gal	60 gal	120 deg	None



# SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	None	None			ft²		

## DUCTS

✓	#	Location	--- Supply --- R-Value Area	--- Return --- Location Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Attic	6 397 ft²	Attic 79.3 ft²	Default Leakage	Interior				

## TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

Cooling	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Venting	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec

Thermostat Schedule: HERS 2006 Reference

Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM PM	78 80	78 80	78 78	78 78	78 78	78 78	78 78	78 78	80 78	80 78	80 78	80 78
Cooling (WEH)	AM PM	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78
Heating (WD)	AM PM	66 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	68 66
Heating (WEH)	AM PM	66 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	68 66

# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: 140 NW Woodgrass Glen  
Lake City, FL, 32024-

PERMIT #:

### INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	✓
Exterior & Adjacent Walls	N1106.AB.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	✓
Floors	N1106.AB.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	✓
Ceilings	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	✓
Recessed Lighting Fixtures	N1106.AB.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC with < 2.0 cfm from conditioned space, tested.	✓
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	N/A
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	✓

### OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	✓
Swimming Pools & Spas	N1112.AB.2.3	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%. Heat pump pool heaters shall have a minimum COP of 4.0.	N/A
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	✓
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	✓
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	✓
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	✓





# **COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST REQUIRMENTS**

## **MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 ONE (1) AND TWO (2) FAMILY DWELLINGS**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

**ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.**

**FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH  
ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH  
NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

**GENERAL REQUIREMENTS:  
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

**Items to Include-  
Each Box shall be  
Circled as  
Applicable**

			Yes	No	N/A
1	Two (2) complete sets of plans containing the following:		X		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void		X		
3	Condition space (Sq. Ft.)	Total (Sq. Ft.) under roof	IIIIIIII	IIIIIIII	IIII
	196	196			

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

### **Site Plan information including:**

4	Dimensions of lot or parcel of land	X		
5	Dimensions of all building set backs	X		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	X		
7	Provide a full legal description of property.	X		

## Wind-load Engineering Summary, calculations and any details required

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIIII	IIII	IIIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	X		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	X		
11	Wind importance factor and nature of occupancy	X		
12	The applicable internal pressure coefficient, Components and Cladding	X		
13	The design wind pressure in terms of psf (kN/m <sup>2</sup> ), to be used for the design of exterior component, cladding materials not specifiably designed by the registered design professional.	X		

## Elevations Drawing including:

14	All side views of the structure	X		
15	Roof pitch	X		
16	Overhang dimensions and detail with attic ventilation	X		
17	Location, size and height above roof of chimneys		X	
18	Location and size of skylights with Florida Product Approval			
18	Number of stories	X		
20A	Building height from the established grade to the roofs highest peak	X		

## Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	X		
21	Raised floor surfaces located more than 30 inches above the floor or grade		X	
22	All exterior and interior shear walls indicated			
23	Shear wall opening shown (Windows, Doors and Garage doors)	X		
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)		X	
25	Safety glazing of glass where needed		X	
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)		X	
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)		X	
28	Identify accessibility of bathroom (see FBCR SECTION 322)		X	

**All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plan (see Florida product approval form)**



<b>GENERAL REQUIREMENTS:</b> <b>APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</b>		Items to Include- Each Box shall be Circled as Applicable
---	--	--

### **FBCR 403: Foundation Plans**

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	X		
30	All posts and/or column footing including size and reinforcing	X		
31	Any special support required by soil analysis such as piling.		X	
32	Assumed load-bearing value of soil _____ Pound Per Square Foot		X	
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	X		

### **FBCR 506: CONCRETE SLAB ON GRADE**

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	X		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	X		

### **FBCR 320: PROTECTION AGAINST TERMITES**

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides	X		
----	---	---	--	--

### **FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)**

37	Show all materials making up walls, wall height, and Block size, mortar type	X	X	
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	X	X	

**Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect**

### **Floor Framing System: First and/or second story**

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers			
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers			
42	Attachment of joist to girder			
43	Wind load requirements where applicable			
44	Show required under-floor crawl space			
45	Show required amount of ventilation opening for under-floor spaces			
46	Show required covering of ventilation opening			
47	Show the required access opening to access to under-floor spaces			
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &			

48	intermediate of the areas structural panel sheathing			
49	Show Draftstopping, Fire caulking and Fire blocking			
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			
51	Provide live and dead load rating of floor framing systems (psf).			

## **FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION**

<b>GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</b>		<b>Items to Include- Each Box shall be Circled as Applicable</b>		
		<b>YES</b>	<b>NO</b>	<b>N/A</b>
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	X		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	X		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	X		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	X		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	X		
57	Indicate where pressure treated wood will be placed	X		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	X		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	X		

## **FBCR :ROOF SYSTEMS:**

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	X		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	X		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	X		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	X		
64	Provide dead load rating of trusses	X		

## **FBCR 802:Conventional Roof Framing Layout**

65	Rafter and ridge beams sizes, span, species and spacing		X	
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating		X	
67	Valley framing and support details		X	
68	Provide dead load rating of rafter system		X	

## **FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING**

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	X		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	X		



## **FBCR ROOF ASSEMBLIES FRC Chapter 9**

71	Include all materials which will make up the roof assembles covering	<input checked="" type="checkbox"/>		
72	Submit Florida Product Approval numbers for each component of the roof assembles covering	<input checked="" type="checkbox"/>		

## **FBCR Chapter 11 Energy Efficiency Code for residential building**

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. *Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area*

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	<input checked="" type="checkbox"/>		
74	Attic space	<input checked="" type="checkbox"/>		
75	Exterior wall cavity	<input checked="" type="checkbox"/>		
76	Crawl space	<input checked="" type="checkbox"/>		

## **HVAC information**

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	<input checked="" type="checkbox"/>		
78	Exhaust fans locations in bathrooms	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
79	Show clothes dryer route and total run of exhaust duct	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

## **Plumbing Fixture layout shown**

80	All fixtures waste water lines shall be shown on the foundation plan		<input checked="" type="checkbox"/>	
81	Show the location of water heater		<input checked="" type="checkbox"/>	

## **Private Potable Water**

82	Pump motor horse power		<input checked="" type="checkbox"/>	
83	Reservoir pressure tank gallon capacity		<input checked="" type="checkbox"/>	
84	Rating of cycle stop valve if used		<input checked="" type="checkbox"/>	

## **Electrical layout shown including**

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	<input checked="" type="checkbox"/>		
86	Ceiling fans	<input checked="" type="checkbox"/>		
87	Smoke detectors & Carbon dioxide detectors		<input checked="" type="checkbox"/>	
88	Service panel, sub-panel, location(s) and total ampere ratings		<input checked="" type="checkbox"/>	
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.		<input checked="" type="checkbox"/>	

90	Appliances and HVAC equipment and disconnects			
91	Arc Fault Circuits (AFCI) in bedrooms	X	X	

**Disclosure Statement for Owner Builders** *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

**Notice Of Commencement**

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

<b>GENERAL REQUIREMENTS:</b> <b>APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</b>	<b>Items to Include-</b> <b>Each Box shall be</b> <b>Circled as</b> <b>Applicable</b>
---	--

**THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS**

		YES	NO	N/A
92	<b>Building Permit Application</b> A current Building Permit Application form is to be completed and submitted for all residential projects			
93	<b>Parcel Number</b> The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested			
94	<b>Environmental Health Permit or Sewer Tap Approval</b> A copy of a approved Columbia County Environmental Health (386) 758-1058			
95	<b>City of Lake City</b> A permit showing an approved waste water sewer tap			
96	<b>Toilet facilities shall be provided for all construction sites</b>			
97	<b>Town of Fort White</b> (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			
98	<b>Flood Information:</b> All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			
99	<b>CERTIFIED FINISHED FLOOR ELEVATIONS</b> will be required on any project where the base flood elevation (100 year flood) has been established			
100	A development permit will also be required. Development permit cost is <b>\$50.00</b>			
101	<b>Driveway Connection:</b> If the property does not have an existing access to a public road, then an application for a culvert permit ( <b>\$25.00</b> ) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver ( <b>\$50.00</b> ). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.			
102	<b>911 Address:</b> If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and <b>received</b> through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125			



## **Section R101.2.1 of the Florida Building Code Residential:**

**The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.**

**Section 105 of the Florida Building Code defines the:**

### **Time limitation 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.**

### **Single-family residential dwelling.**

**Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.**

### **Permit intent.**

**Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.**

### **If work has commenced.**

**Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.**

### **New Permit.**

**Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.**

**Work Shall Be:**

**Section 105.4.1.3:** Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

**The Fee:**

**Section 105.4.1.4:** The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

**When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department**



# PRODUCT APPROVAL SPECIFICATION SHEET

**Location:** \_\_\_\_\_

**Project Name:** \_\_\_\_\_

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at [www.floridabuilding.org](http://www.floridabuilding.org)

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
<b>A. EXTERIOR DOORS</b>			
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
<b>B. WINDOWS</b>			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
<b>C. PANEL WALL</b>			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
<b>D. ROOFING PRODUCTS</b>			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
<b>E. SHUTTERS</b>			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
<b>F. SKYLIGHTS</b>			
1. Skylight			
2. Other			
<b>G. STRUCTURAL COMPONENTS</b>			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
<b>H. NEW EXTERIOR ENVELOPE PRODUCTS</b>			
1.			
2.			

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) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Permit # (FOR STAFF USE ONLY)



# PRODUCT APPROVAL SPECIFICATION SHEET

Location: \_\_\_\_\_

Project Name: \_\_\_\_\_

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at [www.floridabuilding.org](http://www.floridabuilding.org)

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
<b>A. EXTERIOR DOORS</b>			
1. Swinging	plaid steel	Steelcraft Doors	FL 4242-R1
2. Sliding	M950aite	Extension Doors	FL 4334-R4
3. Sectional	MI Home Prod.	Sliding Glass Doors	FL 11956-R1
4. Roll up			
5. Automatic			
6. Other			
<b>B. WINDOWS</b>			
1. Single hung	Attrium	Insulated windows	FL 6752.2
2. Horizontal Slider	Attrium	" "	FL 7836-1
3. Casement	Attrium	" "	FL 8716
4. Double Hung			
5. Fixed	Attrium	" "	FL 7834.1
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
<b>C. PANEL WALL</b>			
1. Siding	Certainteed		FL 12483
2. Soffits	Certainteed		FL 13389
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block	Pittsburgh Corning	Glass Block	FL 1363-R4
8. Membrane			
9. Greenhouse			
10. Other			
<b>D. ROOFING PRODUCTS</b>			
1. Asphalt Shingles	WMM	295 mcs Roofs	FL 6895-R1
2. Underlayments	Certainteed	Arch. Shingles	FL 5444-R2
3. Roofing Fasteners	Woodland		
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen	Certainteed	Torch	FL 2533-R3
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			

# ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844  
Florida Engineering Certificate of Authorization Number: 0 278  
Florida Certificate of Product Approval # FL1999  
Page 1 of 1 Document ID: 1U2J8228Z0210145831

Truss Fabricator: Anderson Truss Company  
Job Identification: 10-119--Fill in later ROBINSON -- , \*\*  
Truss Count: 6  
Model Code: Florida Building Code 2007 and 2009 Supplement  
Truss Criteria: FBC2007Res/TPI-2002(STD)  
Engineering Software: Alpine Software, Version 9.05.  
Structural Engineer of Record: The identity of the structural EOR did not exist as of  
Address: the seal date per section 61G15-31.003(5a) of the FAC  
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration  
Floor - N/A  
Wind - 110 MPH ASCE 7-05 -Closed

## Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Details: -

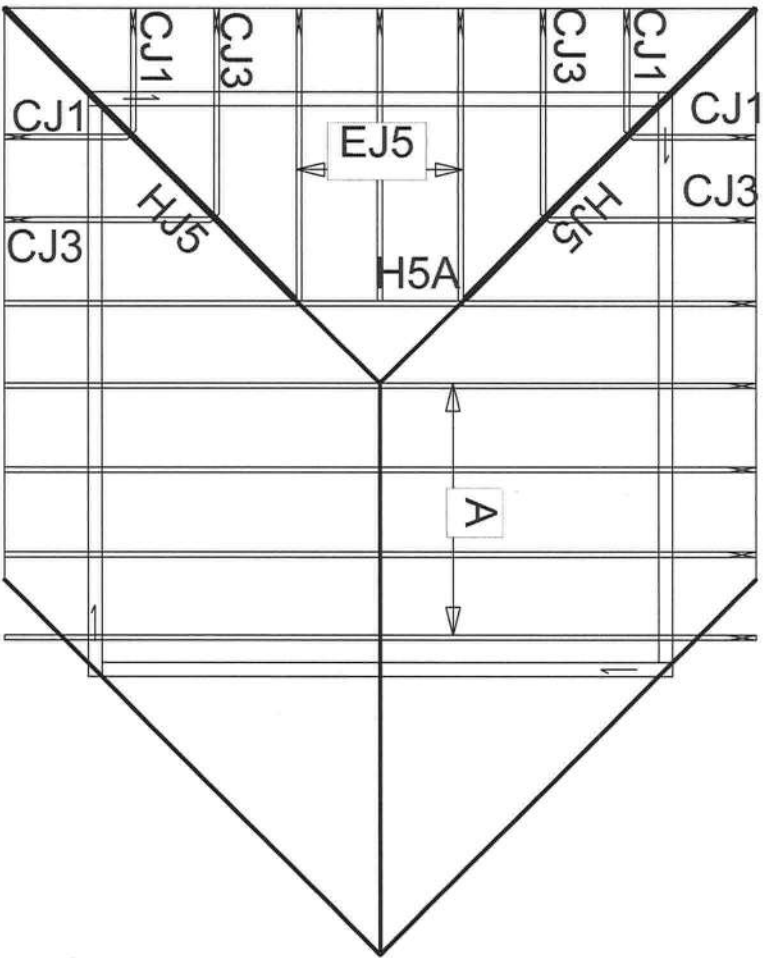
#	Ref	Description	Drawing#	Date
1	42397--A		10161001	06/10/10
2	42398--H5A		10161002	06/10/10
3	42399--EJ5		10161003	06/10/10
4	42400--CJ3		10161001	06/10/10
5	42401--CJ1		10161004	06/10/10
6	42402--HJ5		10161005	06/10/10

Seal Date: 06/10/2010

-Truss Design Engineer-  
James F. Collins Jr.  
Florida License Number: 52212  
1950 Marley Drive  
Haines City, FL 33844







Roof Plane Sheathing Area = 366 sq. ft  
 Total Sheathing Area = 366 sq. ft  
 Fascia Material = 45 linear ft  
 Valley Flashing Material = 27 linear ft  
 Ridge Cap Material = 14 linear ft  
 Hip Ridge Material = 27 linear ft

JOB DESCRIPTION:: Fill in later  
 /: ROBINSON

JOB NO:  
 10-119

PAGE NO:  
 1 OF 1

Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
Web	2x4	SP	#3	

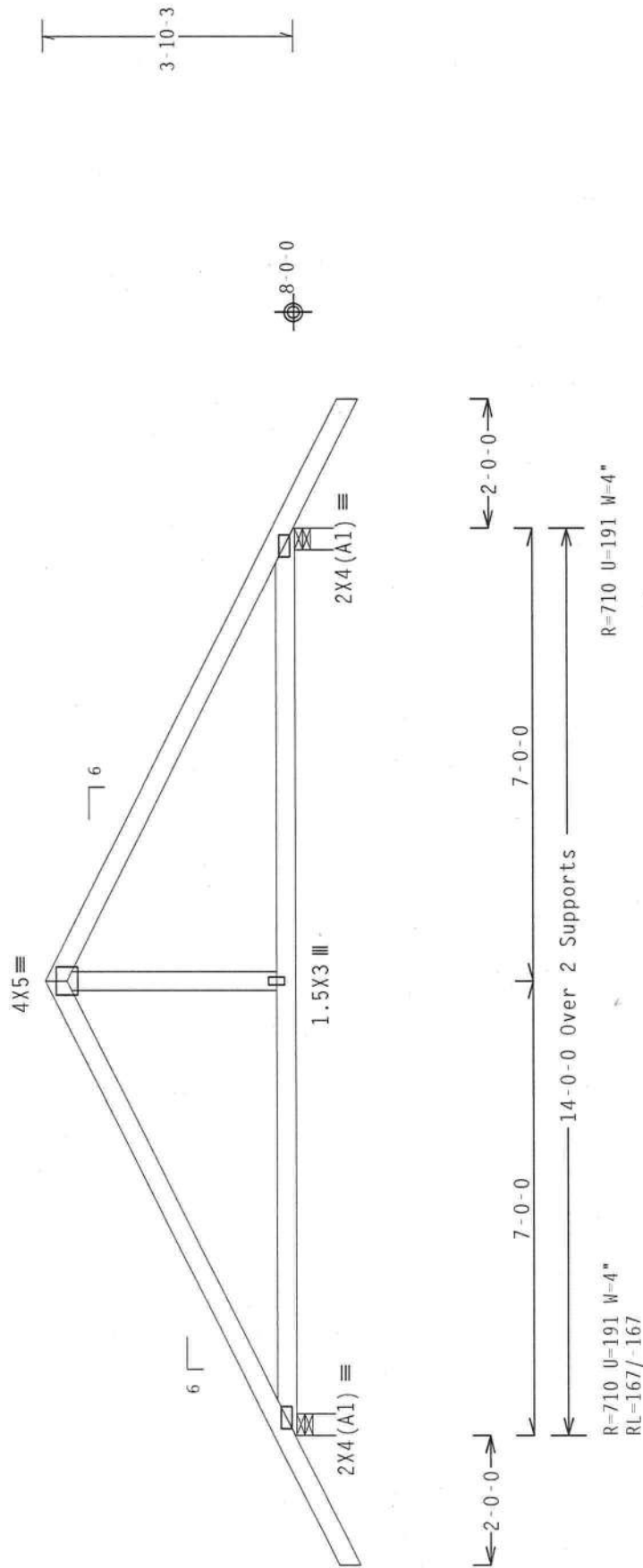
1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpi (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave

OTY:4 FL/-/4/-/-/R/-  
Scale = .375" / Ft.

TC LL	20.0 PSF	REF R8228- 42397
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TC DL	10.0 PSF	DATE	06/10/10
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BC DI	10.0 PSF	DRW	HCUSR8228	1016100
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BC 11	0.0 PSF	HC-FENG DI.1/DI.1
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00 LE	0.0 PSI	NO ENG 020/020
TOT ID	40.0 PSE	SEON- 87A77

101.ED.	40.0 F31	3LQIN	07477
DIID FAC	1 2E		

CDRACINO	04 0"	1055	1110100000700
DUR.FAC. 1.23			

**\*\*\*WARNING\*\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE CONSTRUCTION SAFETY INFORMATION, PUBLISHED BY THE CHASSIS PLATE INSTITUTE, 6300 CATERPILLAR DRIVE, CHICAGO, ILL. 60649, AND THE NATIONAL ASSOCIATION OF MANUFACTURERS OF TRUCKS, TRAILERS AND TRAILER BODIES, 1000 N. W. 10TH AVENUE, MIAMI, FL 33136, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL BE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

**\*\*IMPORTANT\*\***FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DILAVATIONS OR DEFECTS FROM THIS DESIGN. ANY WORK DONE BY THE TRUSS IN COMPLIANCE WITH THIS DESIGN MUST COMPLY WITH ALL APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND IPT. CONNECTOR PLATES ARE MADE OF 2018/196GA./H-55XSPR ALUMINUM GRADE 40/60 (H. K7H55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABEX 43 OF 1P11-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER SHOWING THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ABEX 1/IPT 1 SEC. 2.



Jun 10 10

**ITW Building Components Group Inc.**  
Haines City, FL 33844  
FL COA #0 278

	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense	
	webs	2x4	SP	#3		

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind IC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCpl (+/-)=0.18

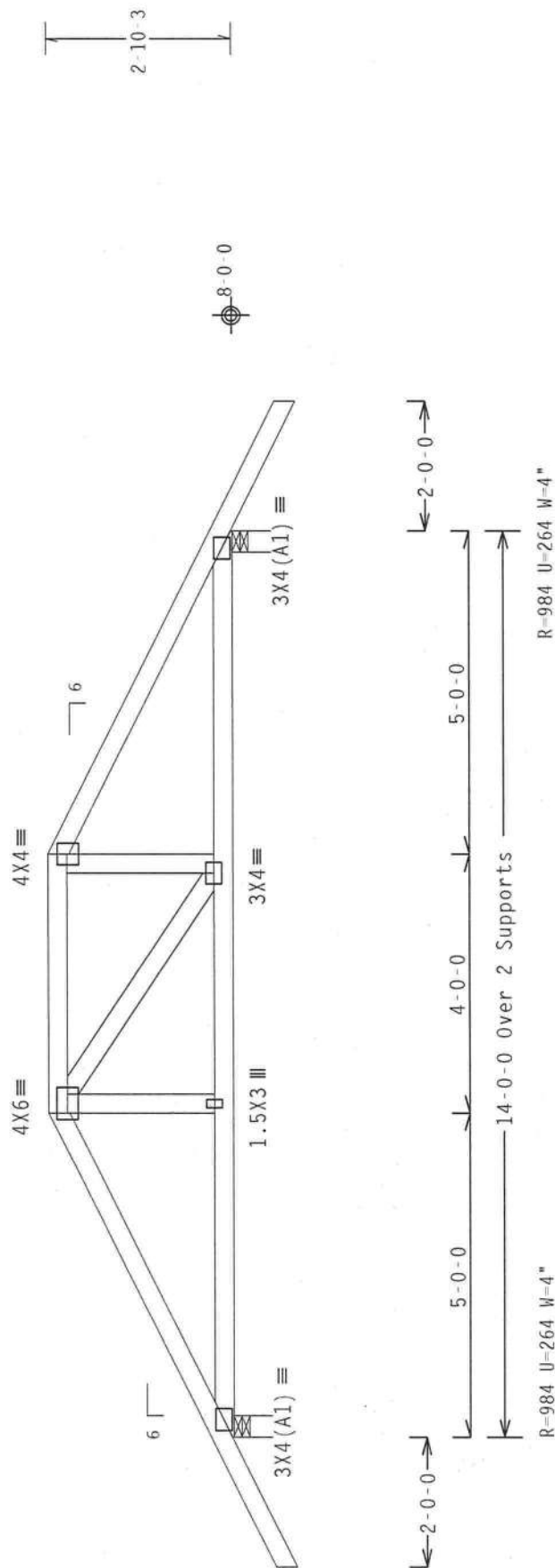
Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

#1 hip supports 5-0-0 jacks with no webs.

Deflection meets L/240 live and L/180 total load.

Design Crit:  $\text{FBC2007Res/TPI-2002(STD)}$   
 $\text{FT/RT}=20\%(0\%)/0(0)$ 

PLT TYP. Wave

9.05.03

QTY:1 FL1-141-1-1R1-

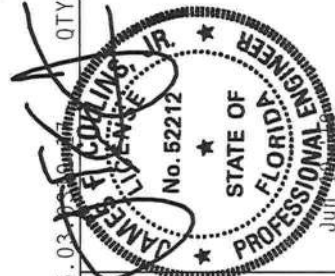
Scale = .375"/Ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCSI (BUILDING COMPONENTS INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, WAHCON, WI 53179) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

\*\*\* IMPORTANT \*\*\* FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE THROSS IN CONFORMANCE WITH THIS TYPE OR FABRICATING, HANDLING, SHIPPING, INSTALLING, LIFTING, OR BRACING OF THROSSES. THE BEG, INC. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. FOR STEEL BUILDINGS, AISC 360-10, AND AISC 360-16, AND THE AISC 360-10 AND AISC 360-16 SPECIFICATIONS FOR STEEL PLATE GIRDERS. THE BEG, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE THROSS COMPONENTS TO BE USED TO ATTACH THE THROSS TO THE PLATES TO EACH FACE OF THROSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2, 160A-3, 160A-4, 160A-5, 160A-6, 160A-7, 160A-8, 160A-9, 160A-10, 160A-11, 160A-12, 160A-13, 160A-14, 160A-15, 160A-16, 160A-17, 160A-18, 160A-19, 160A-20, 160A-21, 160A-22, 160A-23, 160A-24, 160A-25, 160A-26, 160A-27, 160A-28, 160A-29, 160A-30, 160A-31, 160A-32, 160A-33, 160A-34, 160A-35, 160A-36, 160A-37, 160A-38, 160A-39, 160A-40, 160A-41, 160A-42, 160A-43, 160A-44, 160A-45, 160A-46, 160A-47, 160A-48, 160A-49, 160A-50, 160A-51, 160A-52, 160A-53, 160A-54, 160A-55, 160A-56, 160A-57, 160A-58, 160A-59, 160A-60, 160A-61, 160A-62, 160A-63, 160A-64, 160A-65, 160A-66, 160A-67, 160A-68, 160A-69, 160A-70, 160A-71, 160A-72, 160A-73, 160A-74, 160A-75, 160A-76, 160A-77, 160A-78, 160A-79, 160A-80, 160A-81, 160A-82, 160A-83, 160A-84, 160A-85, 160A-86, 160A-87, 160A-88, 160A-89, 160A-90, 160A-91, 160A-92, 160A-93, 160A-94, 160A-95, 160A-96, 160A-97, 160A-98, 160A-99, 160A-100, 160A-101, 160A-102, 160A-103, 160A-104, 160A-105, 160A-106, 160A-107, 160A-108, 160A-109, 160A-110, 160A-111, 160A-112, 160A-113, 160A-114, 160A-115, 160A-116, 160A-117, 160A-118, 160A-119, 160A-120, 160A-121, 160A-122, 160A-123, 160A-124, 160A-125, 160A-126, 160A-127, 160A-128, 160A-129, 160A-130, 160A-131, 160A-132, 160A-133, 160A-134, 160A-135, 160A-136, 160A-137, 160A-138, 160A-139, 160A-140, 160A-141, 160A-142, 160A-143, 160A-144, 160A-145, 160A-146, 160A-147, 160A-148, 160A-149, 160A-150, 160A-151, 160A-152, 160A-153, 160A-154, 160A-155, 160A-156, 160A-157, 160A-158, 160A-159, 160A-160, 160A-161, 160A-162, 160A-163, 160A-164, 160A-165, 160A-166, 160A-167, 160A-168, 160A-169, 160A-170, 160A-171, 160A-172, 160A-173, 160A-174, 160A-175, 160A-176, 160A-177, 160A-178, 160A-179, 160A-180, 160A-181, 160A-182, 160A-183, 160A-184, 160A-185, 160A-186, 160A-187, 160A-188, 160A-189, 160A-190, 160A-191, 160A-192, 160A-193, 160A-194, 160A-195, 160A-196, 160A-197, 160A-198, 160A-199, 160A-200, 160A-201, 160A-202, 160A-203, 160A-204, 160A-205, 160A-206, 160A-207, 160A-208, 160A-209, 160A-210, 160A-211, 160A-212, 160A-213, 160A-214, 160A-215, 160A-216, 160A-217, 160A-218, 160A-219, 160A-220, 160A-221, 160A-222, 160A-223, 160A-224, 160A-225, 160A-226, 160A-227, 160A-228, 160A-229, 160A-230, 160A-231, 160A-232, 160A-233, 160A-234, 160A-235, 160A-236, 160A-237, 160A-238, 160A-239, 160A-240, 160A-241, 160A-242, 160A-243, 160A-244, 160A-245, 160A-246, 160A-247, 160A-248, 160A-249, 160A-250, 160A-251, 160A-252, 160A-253, 160A-254, 160A-255, 160A-256, 160A-257, 160A-258, 160A-259, 160A-260, 160A-261, 160A-262, 160A-263, 160A-264, 160A-265, 160A-266, 160A-267, 160A-268, 160A-269, 160A-270, 160A-271, 160A-272, 160A-273, 160A-274, 160A-275, 160A-276, 160A-277, 160A-278, 160A-279, 160A-280, 160A-281, 160A-282, 160A-283, 160A-284, 160A-285, 160A-286, 160A-287, 160A-288, 160A-289, 160A-290, 160A-291, 160A-292, 160A-293, 160A-294, 160A-295, 160A-296, 160A-297, 160A-298, 160A-299, 160A-300, 160A-301, 160A-302, 160A-303, 160A-304, 160A-305, 160A-306, 160A-307, 160A-308, 160A-309, 160A-310, 160A-311, 160A-312, 160A-313, 160A-314, 160A-315, 160A-316, 160A-317, 160A-318, 160A-319, 160A-320, 160A-321, 160A-322, 160A-323, 160A-324, 160A-325, 160A-326, 160A-327, 160A-328, 160A-329, 160A-330, 160A-331, 160A-332, 160A-333, 160A-334, 160A-335, 160A-336, 160A-337, 160A-338, 160A-339, 160A-340, 160A-341, 160A-342, 160A-343, 160A-344, 160A-345, 160A-346, 160A-347, 160A-348, 160A-349, 160A-350, 160A-351, 160A-352, 160A-353, 160A-354, 160A-355, 160A-356, 160A-357, 160A-358, 160A-359, 160A-360, 160A-361, 160A-362, 160A-363, 160A-364, 160A-365, 160A-366, 160A-367, 160A-368, 160A-369, 160A-370, 160A-371, 160A-372, 160A-373, 160A-374, 160A-375, 160A-376, 160A-377, 160A-378, 160A-379, 160A-380, 160A-381, 160A-382, 160A-383, 160A-384, 160A-385, 160A-386, 160A-387, 160A-388, 160A-389, 160A-390, 160A-391, 160A-392, 160A-393, 160A-394, 160A-395, 160A-396, 160A-397, 160A-398, 160A-399, 160A-40



**ITW Building Components Group Inc.**  
Haines City, FL 33844  
FL COA #0 278



June

JREF- 1U2J8228Z02



Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.  $I_w=1.00$  GCpi (+/-)=0.18

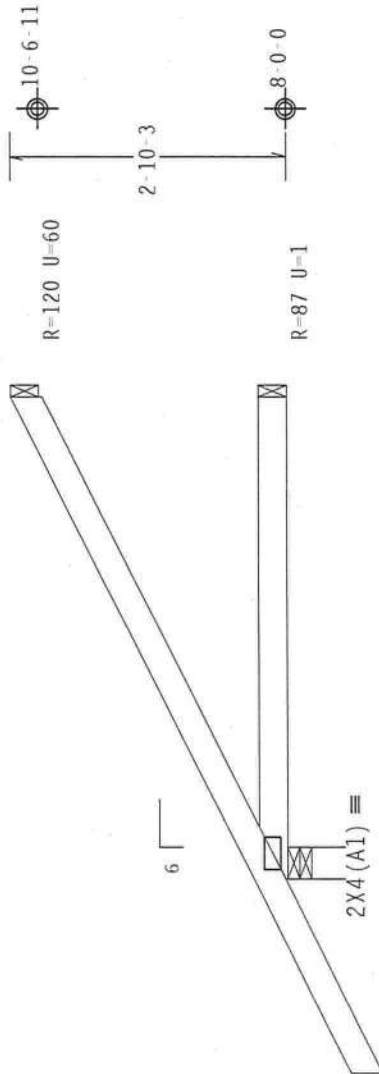
K001: circulating supplies of L:00 per 1000 live births.

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load.

Provide ( 2 ) 16d common nails (0.162"x3.5") , toe nailed at Top chord.  
Provide ( 2 ) 16d common nails (0.162"x3.5") , toe nailed at Bot chord.



$\overbrace{\hspace{1.5cm}}^{2-0-0}$ 
 $\overbrace{\hspace{1.5cm}}^{5-0-0}$  Over 3 Supports

R-377 U=89 W=4"  
 RL=119/-57

Design Crit: FBC2007Res/TPI -2002(STD)  
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

Scale = .5"/Ft.

FL/ - 141 - 1 - 1R/ -

EF R8228- 42399

ATE	06/10/10
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RW HCUSR8228 10161003

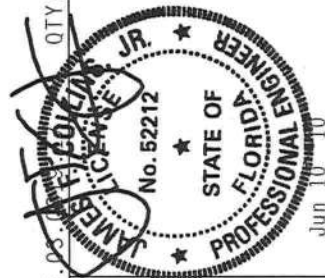
C-ENG DLJ/DLJ

E0N- 87483

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**\*\*WARNING\*\*** TRUSSES REQUIRING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DECSI (DOWNSIDE COMPONENT SAFETY INFORMATION), PUBLISHED BY IPTI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION), 500 NORTH ZEEB ROAD, WEST PITTSBURGH, PA, 15106 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

**\*\*\*IMPORTANT\*\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITR BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE ITR-100 FABRICATING, HANDLING, SHIPPING, INSTALLING, ERECTING, AND MAINTENANCE DESIGN SPEC., WITH ITR BCG CONNECTOR PLATES ARE MADE OF 2010/1560, 40/25/35, ASTM A563, GRADE 40/60, (K, K/50) 6ALV, STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF ITR1-2002 SEC. 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/PT1 1 SEC. 2.



Jun 10 10

ITW Building Components Group Inc.  
Haines City, FL 33844  
FL COA #0 278

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense

Roof overhang supports 2.00 psf soffit load.

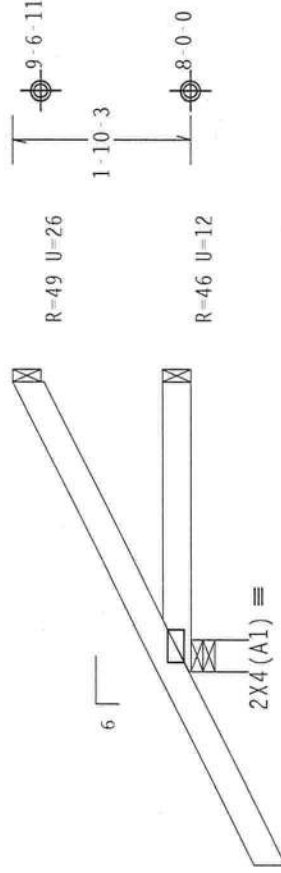
Bottom chord checked for 10.00 psf non-concurrent live load.

Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Top chord.  
Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt., ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.



$\overrightarrow{\quad} 2-0-0 \overrightarrow{\quad}$   
 $\overrightarrow{\quad} 3-0-0 \text{ Over 3 Supports} \overrightarrow{\quad}$   
 $R=317 \quad U=86 \quad W=4''$   
 $R1=85/-49$

Design Crit: FBC2007Res/TPI-2002(STD)  
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

QTY: 4 FL / - / 4 / - / - / R / -  
Scale = 5" / Ft.

Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R8228-	42400
TC DL	10.0	PSF	DATE	06/10/10	
BC DL	10.0	PSF	DRW	HCUSR8228	1016100
BC LL	0.0	PSF	HC-ENG	DF/DF	
TOT.LD.	40.0	PSF	SEQN-	87502	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1U2J8228Z02	

[illegible]

**\*\*IMPORTANT\*\***-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITI BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TROSS IN COMPLIANCE WITH THE DESIGN OR FOR ANY APPLICATION OF THIS DESIGN TO OTHER THAN ITS INTENDED USE SHALL BE THE SOLE RESPONSIBILITY OF THE USER. ITI BCG HAS CONDUCTED TESTING AND ANALYSIS TO SUPPORT THE DESIGN SPEC. BY ACCEPTING AND APPLYING THIS DESIGN, THE USER AGREES TO ASSUME ALL LIABILITY FOR THE DESIGN. THE USER SHALL PROVIDE THE FOLLOWING INFORMATION TO THE INSTALLATION CONTRACTOR:

- CONNECTOR PLATES ARE MADE OF 2010/T6 ALU. OR ALUSPEX ASTM A653 GRADE 40/60 (H. K/H-S) GALV. STEEL, APPLY PLATES TO EACH FACE OF THUSMS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

IF AN INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER AMBER AX OF 1911-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TROSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMSI/TPT 1 SEC. - 2.



ITW Building Components Group Inc.  
Haines City, FL 33844  
FL COA #0 278

Jun 1 1961

(10-119--Fill in later ROBINSON \*\* - CJ1)

Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

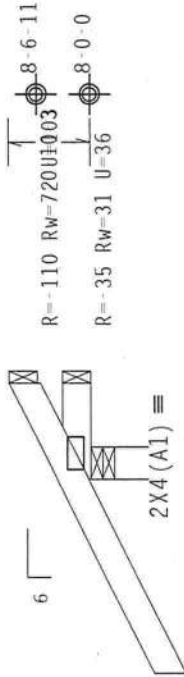
Bottom chord checked for 10.00 psf non-concurrent live load.

Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Top chord.  
Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located  
anywhere in roof, CAT II, Exp C, wind TC DL=5.0 psf, wind BC DL=5.0  
psf.  $I_w=1.00$  GCpi(+/-)-0.18

Wind reactions based on MMFRS pressures.

Deflection meets L/240 live and L/180 total load.



2'-0-0  
1'-0-0 Over 3 Supports

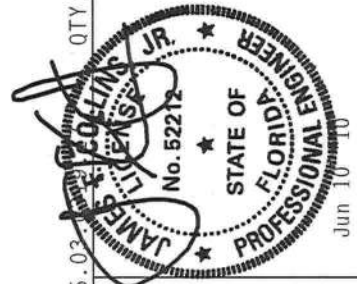
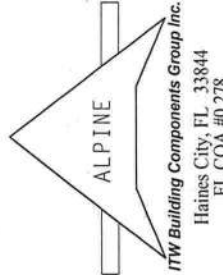
R-361 U=151 W-4"  
RL=50/-42

Design Crit: FBC2007Res/TPI-2002(STD)  
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ITW BCG SHALL BE RESPONSIBLE FOR THE TRUSS. CORRECTOR PLATES ARE MADE OF 20/10/216GA (A/R/SS/P3) ASTM A653 GRADE 40/60 (4+ K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



QTY: 4	FL / - / 4 / - / - / R / -	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R8228- 42401
TC DL	10.0 PSF	DATE 06/10/10
BC DL	10.0 PSF	DRW HCUSR8228 10161004
BC LL	0.0 PSF	HC-ENG DLJ/DLJ
TOT.LD.	40.0 PSF	SEQN - 87489
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1U2J8228Z02



(10-119--Fill in later ROBINSON \*\*, \*\* - HJ5)

Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located  
anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0  
psf.  $I_w=1.00$  GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

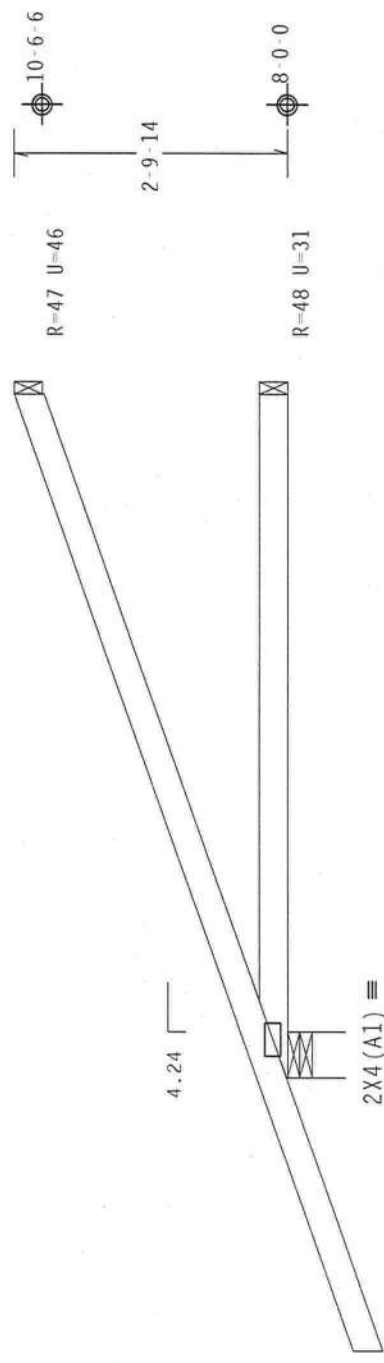
Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load.

Special loads

- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
- TC- From 0 plf at -2.83 to 61 plf at 0.00
  - TC- From 2 plf at 0.00 to 2 plf at 7.07
  - BC- From 0 plf at -2.83 to 4 plf at 0.00
  - BC- From 2 plf at 0.00 to 2 plf at 7.07
  - TC- -86.25 lb Conc. Load at 1.48
  - TC- 97.82 lb Conc. Load at 4.31
  - BC- -5.98 lb Conc. Load at 1.48
  - BC- 91.24 lb Conc. Load at 4.31

Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Top chord.  
Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



Design Crit: FBC2007Res/TPI-2002(STD)  
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

Scale = .5" / Ft.

QTY: 2

FL/-/4/-/R/-

9.05-03-2310

REF R8228- 42402

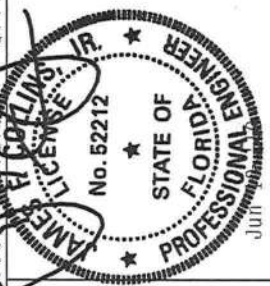
DATE 06/10/10

DRW HCUSR8228 10161005

HC-ENG DLJ/DLJ

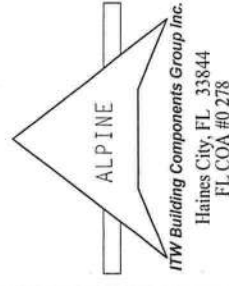
SEQN - 87492

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"



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FL COA #0 278