

Columbia County Building Permit Application

CL#

For Office Use Only Application # 1007-54 Date Received 7/30 By JW Permit # 28786
 Zoning Official BLK Date 04.08.10 Flood Zone X Land Use RES. U.I. DOW Zoning RR
 FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner J.C. Date 8-3-10
 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 0 addition to existing dwelling

 Septic Permit No. 10-0378-M CELL# 697-3764 (Fred's)

 Name Authorized Person Signing Permit FRED PIERCE Phone 386.754.0082

 Address 3506 SW Vista Welcome Rd. L.C. 71 32024

 Owners Name Frederick Pierce Phone 386-754.0082

 911 Address 3506 S.W. Sister welcome Rd L.A. city FLA 32024

 Contractors Name Fred Pierce Phone 386.754.0082

 Address Same as above

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

 Architect/Engineer Name & Address MARK DISOSWAY PE, L.C., 71 + TEENA RUFFO DRAFTSMAN.

 Mortgage Lenders Name & Address CASH

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

 Property ID Number 14-45-16-02954-001 Estimated Cost of Construction 10,000.00

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

 Driving Directions 90 West to 341-turn Left at the light off
GO EXACTLY 4 1/2 MILES til you SEE 2 WHITE PICKET FENCE ON the R-
IS the DRIVEWAY. Number of Existing Dwellings on Property 1

 Construction of addition to SFD Total Acreage 1.1 Lot Size _____

 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 8 ft

 Actual Distance of Structure from Property Lines - Front 30'1 Side 9'1 Side 20'11 Rear 12'9

 Number of Stories 1 Heated Floor Area 1029 Total Floor Area 1469 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.

- JW spoke w/ Fred 8.4.10 -
 Page 1 of 2 (Both Pages must be submitted together.)

Revised 6-19-

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.)



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 (Permitee)

Contractor's License Number _____
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this ____ day of _____ 20__.

Personally known _____ or Produced Identification _____

SEAL:

State of Florida Notary Signature (For the Contractor)

DATE08/12/2010

Columbia County Building Permit

PERMIT000028786

This Permit Must Be Prominently Posted on Premises During Construction

APPLICANTFRED PIERCE

PHONE386.754.0082

ADDRESS3506SW SISTER WELCOME ROADLAKE CITYFL32024

OWNERFREDERICK PIERCE

PHONE386.754.0082

ADDRESS3506SW SISTERS WELCOME ROADLAKE CITYFL32024

CONTRACTORFRED PIERCE

PHONE386.754.0082

LOCATION OF PROPERTY90-W TO C-341,TL AND GO EXACTLY 4 1/2 MILES TIL YOU SEE A WHITE PICKET FENCE ON THE R IS THE DRIVEWAY.

TYPE DEVELOPMENTADD/SFD

ESTIMATED COST OF CONSTRUCTION73450.00

HEATED FLOOR AREA1029.00

TOTAL AREA1469.00

HEIGHT8.00

STORIES1

FOUNDATIONCONC

WALLSFRAMED

ROOF PITCH6'12

FLOORCONC

LAND USE & ZONINGRR

MAX. HEIGHT35

Minimum Set Back Requirments:

STREET-FRONT25.00

REAR15.00

SIDE10.00

NO. EX.D.U.1

FLOOD ZONEX

DEVELOPMENT PERMIT NO.

PARCEL ID14-4S-16-02954-001

SUBDIVISION

LOT

BLOCK

PHASE

UNIT

TOTAL ACRES1.10

OWNER

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

EXISTING

10-0378-M

BLK

TC

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: NOC ON FILE.

Check # or Cash701

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 \$370.00

CERTIFICATION FEE \$7.34

SURCHARGE FEE \$7.34

MISC. FEES \$0.00

ZONING CERT. FEE \$50.00

FIRE FEE \$0.00

WASTE FEE \$

FLOOD DEVELOPMENT FEE \$

FLOOD ZONE FEE \$

CULVERT FEE \$

TOTAL FEE434.68

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.



COLUMBIA COUNTY BUILDING DEPARTMENT

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Office: 386-758-1008 Fax: 386-758-2160

OWNER BUILDER DISCLOSURE STATEMENT

I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license.

I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility.

I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed and bonded in Florida and to list his or her license numbers on permits and contracts.

I understand that I may build or improve a one-family or two-family residence or farm outbuilding. I may also build or improve a commercial building if the costs do not exceed \$75,000. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased within 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption.

I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction.

I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance.

I understand that it is frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

I understand that I may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk.

I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at 850-487-1395 or Internet website address <http://www.myflorida.com/dbpr/pro/cilb/index.html> for more information about licensed contractors.

I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

I agree to notify Columbia County Building Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure. Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with any financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if an unlicensed contractor or employee of an individual or firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

I understand that if I hire subcontractors they must be licensed for that type of work in Columbia County, ex: framing, stucco, masonry, and state registered builders. Registered Contractors must have a minimum of \$300,000.00 in General Liability insurance coverage and the proper workers' compensation. Specialty Contractors must have a minimum of \$100,000.00 in General Liability insurance coverage and the proper workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to Columbia County Building Department.

TYPE OF CONSTRUCTION

- (☒) Single Family Dwelling () Two-Family Residence () Farm Outbuilding
(☒) Addition, Alteration, Modification or other Improvement
() Commercial, Cost of Construction _____ Construction of _____
() Other _____

I Frederick Pierce, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes allowing this exception for the construction permitted by Columbia County Building Permit.

Frederick Pierce
Owner Builder Signature

7-30-10
Date

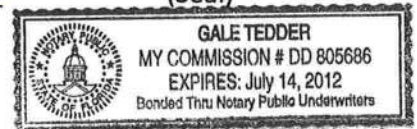
NOTARY OF OWNER BUILDER SIGNATURE

The above signer is personally known to me or produced identification DL

Notary Signature

Gale Tedder Date 7/30/10

(Seal)



FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner builder has been given notice of the restriction stated above.

Building Official/Representative

David G. Lamm

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Grantee #1 S.S. No. [REDACTED]

Property Appraiser's
Parcel Identification No.
14-45-16-02954-000

96-11828

1996 AUG 27 PM 3:01

COLUMBIA COUNTY
FLORIDA

RECORDED
INDEXED
FILED
COLUMBIA COUNTY
FLORIDA

WARRANTY DEED

THIS INDENTURE, made this 13th day of August, 1996,
BETWEEN ESSIE MAE WILSON, an unmarried woman, conveying non-
homestead property, whose post office address is Route 18, Box 224,
Lake City, Florida 32025, of the County of Columbia, State of
Florida, grantor*, and FREDERICK PIERCE, whose post office address
is 618 E. Montana Street, Lake City, Florida 32055, of the County
of Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of
the sum of Ten 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:

TOWNSHIP 4 SOUTH - RANGE 16 EAST

SECTION 14: Commence at the Southwest corner of the SE
1/4 of the SE 1/4, Section 14, Township 4 South, Range 16
East, Columbia County, Florida, and run thence N
00°52'56" W along the West line of said SE 1/4 of SE 1/4,
825.41 feet to the Point of Beginning, thence continue N
00°52'56" W along said West line, 195.07 feet, thence N
89°08'17" E, 476.21 feet to the Westerly right-of-way
line of County Road No. C-341, thence S 28°29'33" W along
said Westerly right-of-way line, 34.42 feet, thence S
89°08'17" W, 277.81 feet, thence S 00°52'56" E, 165.07
feet, thence S 89°08'17" W, 181.51 feet to the point of
Beginning.

SUBJECT TO: Restrictions, easements and outstanding mineral
rights of record, if any, and taxes for the current year.

and said grantor does hereby fully warrant the title to said land,
and will defend the same against the lawful claims of all persons
whomsoever.

OFFICIAL RECORDS

*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

Carole A. Dunne
(First Witness)
Carole A. Dunne
Printed Name

Essie Mae Wilson (SEAL)
ESSIE MAE WILSON

Maria Rubino
(Second Witness)
Maria Rubino
Printed Name

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 13th
day of August, 1996, by ESSIE MAE WILSON, an unmarried
woman, who is personally known to me or who has produced
Fla. Drivers Lic. as identification and who did not take an oath.

My Commission Expires:

Theresa C. Sullivan
Notary Public
Printed, typed, or stamped name:

BK 0026 PG 1933
OFFICIAL RECORDS

Inst. 201012012213 Date: 7/30/2010 Time: 4:33 PM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1198 P 2136

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 14-45-16-02954

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): SW Sisters Welcome Road
a) Street (job) Address: 3506 SW Sisters Welcome Road
2. General description of improvements: addition to 840
3. Owner Information
a) Name and address: Fred Pierce
b) Name and address of fee simple titleholder (if other than owner):
c) Interest in property: 100%
4. Contractor Information
a) Name and address: Fred Pierce
b) Telephone No.: 352-134-0082 Fax No. (Opt.):
5. Surety Information
a) Name and address: NA
b) Amount of Bond:
c) Telephone No.: Fax No. (Opt.):
6. Lender
a) Name and address: NA
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: NA
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: NA
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.

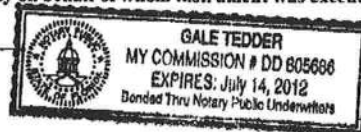
STATE OF FLORIDA
COUNTY OF COLUMBIA

10. Frederick Pierce
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager
Frederick Pierce
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this _____ day of _____, 20____, by:
FRED PIERCE as OWNER (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 DL

Notary Signature Gale Tedder 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.

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

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1007-59 CONTRACTOR FRED PIERCE PHONE 759.0082

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 <u>Frederick Pierce</u> License #:	Signature <u>Frederick Pierce</u> Phone #:
MECHANICAL/ A/C	Print Name _____ License #:	Signature _____ Phone #:
PLUMBING/ GAS	Print Name _____ License #:	Signature _____ Phone #:
ROOFING	Print Name <u>Frederick Pierce</u> License #:	Signature <u>Frederick Pierce</u> Phone #:
SHEET METAL	Print Name _____ License #:	Signature _____ Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name <u>N/A</u> License #:	Signature _____ Phone #:
SOLAR	Print Name _____ License #:	Signature _____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON		<u>Frederick Pierce</u>	<u>Frederick Pierce</u>
CONCRETE FINISHER		<u>Frederick Pierce</u>	<u>Frederick Pierce</u>
FRAMING		<u>Frederick Pierce</u>	<u>Frederick Pierce</u>
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
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.

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: 1U3Q8228Z0323144031

Truss Fabricator: Anderson Truss Company
Job Identification: 10-150--Fill in later fred pierce -- , **
Truss Count: 13
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

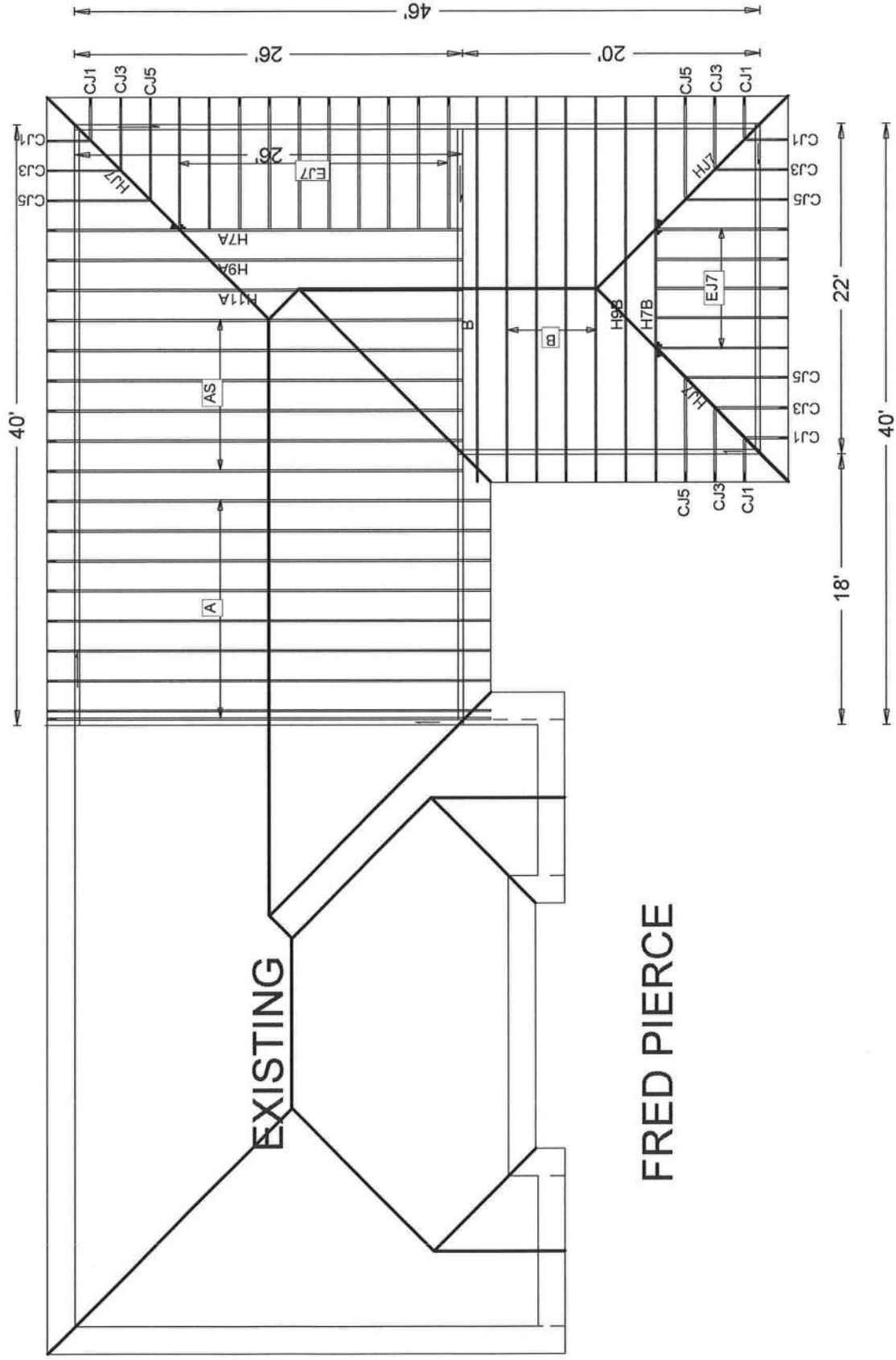
Details: -

#	Ref	Description	Drawing#	Date
1	68786--A		10204016	07/23/10
2	68787--AS		10204017	07/23/10
3	68788--H11A		10204018	07/23/10
4	68789--H9A		10204019	07/23/10
5	68790--H7A		10204020	07/23/10
6	68791--B		10204021	07/23/10
7	68792--H9B		10204022	07/23/10
8	68793--H7B		10204028	07/23/10
9	68794--CJ1		10204025	07/23/10
10	68795--CJ3		10204026	07/23/10
11	68796--CJ5		10204027	07/23/10
12	68797--EJ7		10204023	07/23/10
13	68798--HJ7		10204024	07/23/10

Seal Date: 07/23/2010

-Truss Design Engineer-
Doug Fleming
Florida License Number: 66648
1950 Marley Drive
Haines City, FL 33844





(10-150-F111 in later Fred Pierce - ** - H11A)

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

Roof overhang supports 2.00 psf soffit load.

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

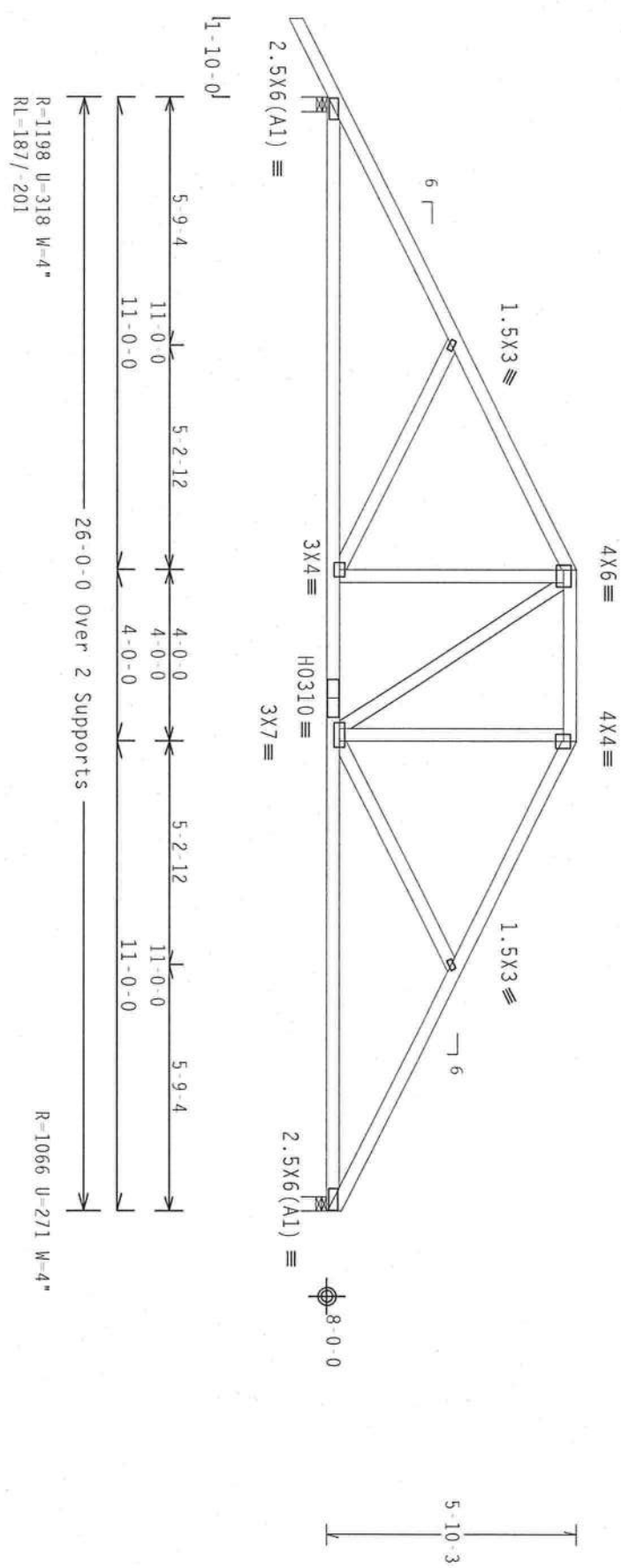
Deflection meets L/240 live and L/180 total load.

110 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

Wind reactions based on MWFRS pressures.

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

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



PLT TYP. 20 Gauge HS.Wave

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

9.05.03

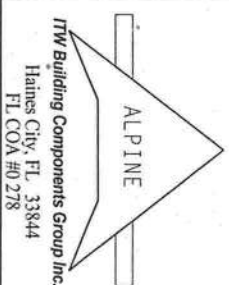
QTY:1 FL/-/4/-/R/-

Scale = .25"/ft.

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESA (PROVIDING COMPROMISE SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MILLER ST., ST. LOUIS, MO 63103) FOR THE LATEST INFORMATION ON THE PROPER USE OF THUSSES. 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. TIV REG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF THUSSES.

DESIGN COMPARES WITH APPLICABLE PROVISIONS OF BOB (NATIONAL DESIGN SPEC., BY AIA/ASA AND TPI, TIV REG. INC. 1999) AND/OR UBC (2001) ASIN A653 GRADE 40/50 (W, R/H, SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF THUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIA/ASA OR TPI-2002 SEC.3.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SILENT FOR THE TRUSS COMPONENT BUILDING DESIGNER PER AIA/ASA SEC. 2.3. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/ASA SEC. 2.3.



TC LL	20.0 PSF	REF	R8228- 68788
TC DL	10.0 PSF	DATE	07/23/10
BC DL	10.0 PSF	DRW	HCU8R8228 10204018
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT.LD.	40.0 PSF	SEON-	90065
DUR.FAC.	1.25		
SPACING	24.0"		

UREF	1U308228Z03
------	-------------

THIS WORK PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY IKUUS MTK.

110 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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



9.05.03

Scale = .25" / Ft.

03
DOUGLAS FLEMING
LICENSE
No. 66648
QTY

2

ER



ORIGINAL ENTRY

1

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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"

DATE	07/23/10
DRW	HCSR8228 102040
HC-ENG	KD/DF
SEQN	90070
UREF	IU308228Z03

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, 1w=1.00 gcpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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



R=323 U=131 W=4"
RL=48/-39


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

QTY:6

Scale = .5" / Ft.

03
DOUGLAS FLEMING
LICENSE
No. 66648
OTY

REF	R8228- 68794
DATE	07/23/10



ALPINE

Haines City, FL 33844
FL COA #0278

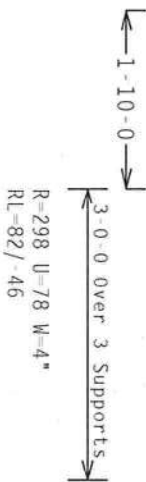
THIS WORK PREPARED FROM COMPUTER INPUT (LUAUS & DIMENSIONS) SUBMITTED BY IKUSS M-F-K.

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. $I_w=1.00$ gcpl (+) = -0.18

Wind reactions based on MFRS pressures.

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


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

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

QTY:6 FL/-/4/-/-/R/-/-

Scale = .5" / Ft.

* **IMPORTANT:** WE DESIRE A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG., INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO CONFORMANCE WITH THIS OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.



ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228- 68795
TC DL	10.0 PSF	DATE	07/23/10
BC DL	10.0 PSF	DRW	HCUSR8228 10204026
BC LL	0.0 PSF	HC-ENG	KD/DF *
TOT.LD.	40.0 PSF	SEQN-	90007
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	IU3Q8228Z03

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

Roof overhang supports 2.00 psf soffit load.

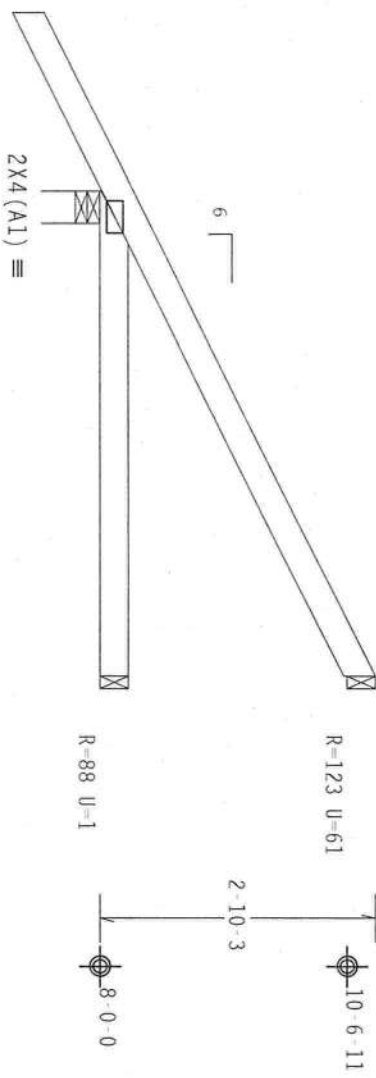
Bottom chord checked for 10.00 psf non-concurrent live load.

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, 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

Wind reactions based on MMFRS pressures.

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



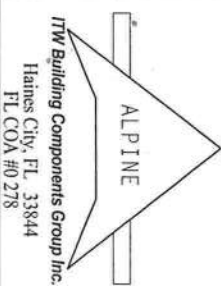
← 1-10-0 →
5-0-0 Over 3 Supports →
R=361 U=83 W=4"
RL=116/-54

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

9.05.03 QTY:6 FL/-/4/-/-/R/- Scale=.5"/ft.

****WARNING**** THUSSES ROUTE EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (CONSULTING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE (THUSS PLATE INSTITUTE, 218 CORTLANDT ST., SUITE 312, ALBANY, NY, 12214) AND WCA (6000 THUSS CORREL. OF AMERICA, 6300 CORTLANDT ST., SUITE 312, ALBANY, NY, 12214) FOR SAFETY PRACTICES PRIOR TO PREPARING THESE THUSSES. UNLESS OTHERWISE SPECIFIED, ALL THUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL BOLTS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. ENG. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE THUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF THUSSES, BY A/RPA AND TPI. THE REG. DESIGN CONTRACTOR WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY A/RPA AND TPI. THE REG. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE THUSS. ANY DEVIATION FROM THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



FL/-/4/-/-/R/-		Scale=.5"/ft.	
TC LL	20.0 PSF	REF	R8228-68796
TC DL	10.0 PSF	DATE	07/23/10
BC DL	10.0 PSF	DRW	HCUSR8228 10204027
BC LL	0.0 PSF	HC-ENG KD/DF	
TOT. LD.	40.0 PSF	SEQN-	90010
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1U308228Z03

THIS WORK PREPARED FROM SUPPLEMENT IMPUL (LUNDS & VATTENSTJERN) SUBMITTED BY INUSS PRIN.

110 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, $I_w=1.00$, $G_{CPI}(+)=0.18$

Wind reactions based on MWFRS pressures.

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

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


$$FT/RT=20\%(0\%)/0(0)$$

QTY:15 FL/-/4/-/-/R/-/-

Scale = .5"/Ft.

*** IMPORTANT *** RETURN A COPY OF THIS DECISION TO THE INSTALLATION CONTRACTOR. THE RCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DECISION, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE OR FABRICATING, HANDING, SHIPPING, INSTALLING, BRACING OF TRUSSES.

STATE OF

BC LL 0.0 PSF

HC-ENG KD/DF

DATE	07/23/10
CDRW	HCUSR0228 10204023
HC-ENG	KD/DF
SEQN-	90013
REF-	1U308228Z03

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

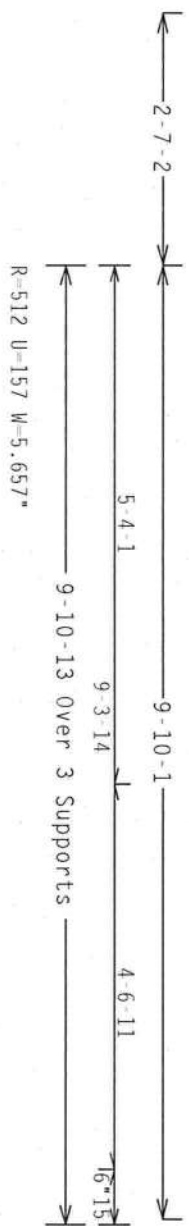
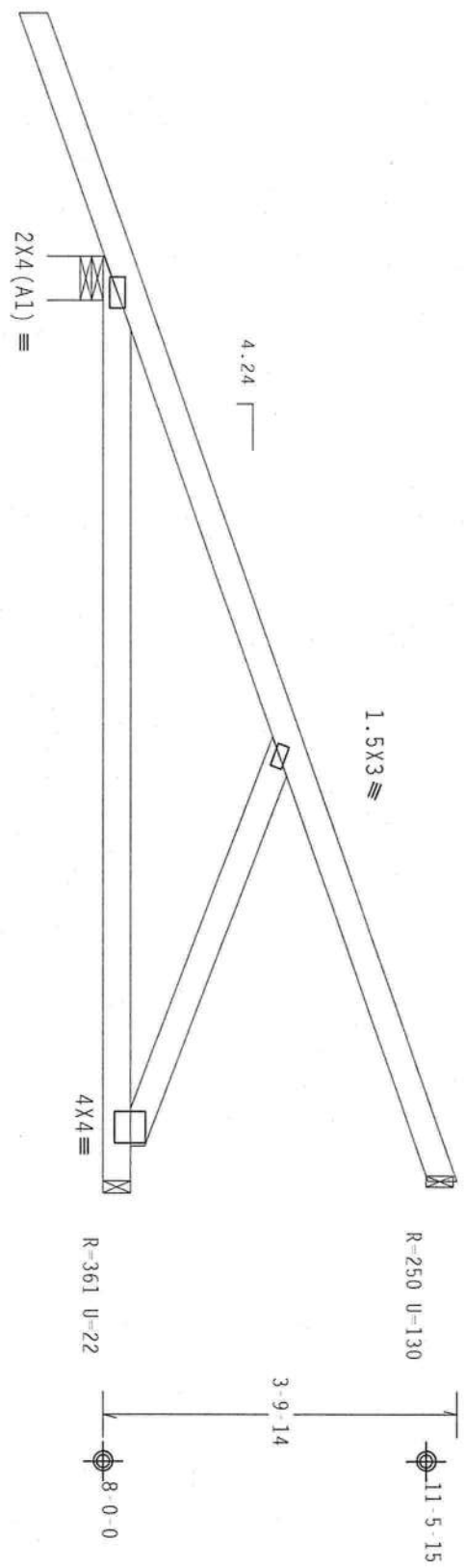
Hipjack supports 7-0-0 setback jacks with no webs.

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

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 MMFRS pressures.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

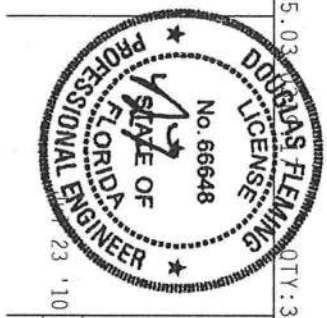


PLT TYP. Wave

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

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND VITA (6000 TRUSS COMPANY OF AMERICA, 6500 GARDENVIEW LANE, RICHMOND, VA 23191) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLATES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CLIPPING.

****IMPORTANT**** OBTAIN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR THE PROTECTION FROM THE DESIGNER AND ENGINEER TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN. THE DESIGNER, ENGINEER, ARCHITECT, INSTALLING & BRACING OF THUSSES, DESIGN CONTRACTS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. THE BCG PLATES TO EACH FACE OF THUS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 166A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARCH AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SILENT FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



QTY: 3	FL/-/4/-/-/R/-	Scale = .5"/ft.
TC LL	20.0 PSF	REF R8228- 68798
TC DL	10.0 PSF	DATE 07/23/10
BC DL	10.0 PSF	DRW HICUSR8228 10204024
BC LL	0.0 PSF	HC-ENG KD/DF
TOT.LD.	40.0 PSF	SEON- 90020
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1U308228Z03

Residential System Sizing Calculation

Summary

Fred Pierce

Project Title:

1007069PierceFredAddition

, FL

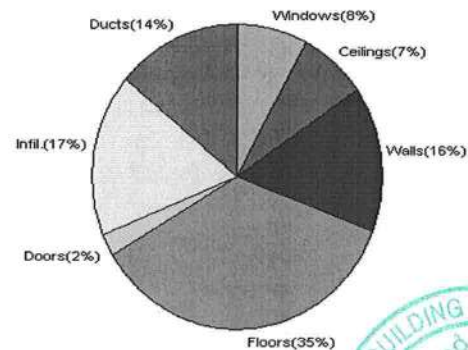
7/30/2010

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature(MJ8 99%)	33 F	Summer design temperature(MJ8 99%)	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	16251 Btuh	Total cooling load calculation	16886 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	123.1 20000	Sensible (SHR = 0.75)	111.3 15000
Heat Pump + Auxiliary(0.0kW)	123.1 20000	Latent	146.6 5000
		Total (Electric Heat Pump)	118.4 20000

WINTER CALCULATIONS

Winter Heating Load (for 1029 sqft)

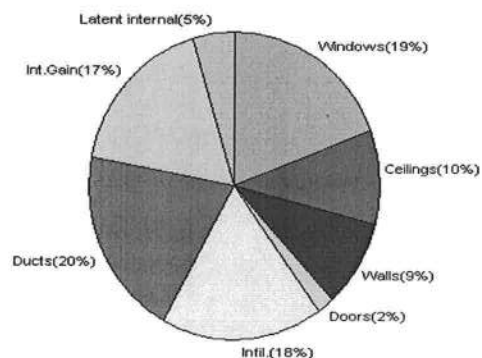
Load component		Load	
Window total	53 sqft	1306	Btuh
Wall total	769 sqft	2524	Btuh
Door total	27 sqft	395	Btuh
Ceiling total	1029 sqft	1213	Btuh
Floor total	1029 sqft	5763	Btuh
Infiltration	69 cfm	2779	Btuh
Duct loss		2272	Btuh
Subtotal		16251	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		16251	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1029 sqft)

Load component		Load	
Window total	53 sqft	3232	Btuh
Wall total	769 sqft	1513	Btuh
Door total	27 sqft	299	Btuh
Ceiling total	1029 sqft	1704	Btuh
Floor total		0	Btuh
Infiltration	55 cfm	1021	Btuh
Internal gain		2920	Btuh
Duct gain		2787	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Blower Load		0	Btuh
Total sensible gain		13476	Btuh
Latent gain(ducts)		604	Btuh
Latent gain(infiltration)		2006	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		800	Btuh
Total latent gain		3410	Btuh
TOTAL HEAT GAIN		16886	Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY:

DATE: 7/30/10 EVAN BERNSELY

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Fred Pierce

, FL

Project Title:
1007069PierceFredAddition
Building Type: User

7/30/2010

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 37.0 F (MJ8 99%)

Component Loads for Whole House								
Window	Panes/Type	Frame	U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Low-E	Metal	0.67	W	13.3		24.8	331 Btuh
2	2, Low-E	Metal	0.67	N	6.0		24.8	149 Btuh
3	2, Low-E	Metal	0.67	N	3.3		24.8	83 Btuh
4	2, Low-E	Metal	0.67	E	30.0		24.8	744 Btuh
	Window Total				52.7(sqft)			1306 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area	X	HTM=	Load
1	Frame - Wood	- Ext	(0.089)	13.0/0.0	300		3.28	985 Btuh
2	Frame - Wood	- Ext	(0.089)	13.0/0.0	199		3.28	652 Btuh
3	Frame - Wood	- Ext	(0.089)	13.0/0.0	114		3.28	374 Btuh
4	Frame - Wood	- Adj	(0.089)	13.0/0.0	156		3.28	512 Btuh
	Wall Total				769(sqft)			2524 Btuh
Doors	Type	Storm	Ueff.		Area	X	HTM=	Load
1	Insulated - Exterior, n		(0.400)		7		14.8	99 Btuh
2	Insulated - Garage, n		(0.400)		20		14.8	296 Btuh
	Door Total				27(sqft)			395Btuh
Ceilings	Type/Color/Surface		Ueff.	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shing		(0.032)	30.0/0.0	1029		1.2	1213 Btuh
	Ceiling Total				1029(sqft)			1213Btuh
Floors	Type		Ueff.	R-Value	Size	X	HTM=	Load
1	Slab On Grade		(1.180)	0.0	132.0 ft(perim.)		43.7	5763 Btuh
	Floor Total				1029 sqft			5763 Btuh
	Envelope Subtotal:							11200 Btuh
Infiltration	Type		ACH	Volume(cuft)	Wall Ratio		CFM=	
	Natural		0.50	8232	1.00		68.6	2779 Btuh
Duct load	Average sealed, R6.0, Supply(Att), Return(Att)					(DLM of 0.163)		2272 Btuh
All Zones	Sensible Subtotal All Zones							16251 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Fred Pierce

, FL

Project Title:
1007069PierceFredAddition
Building Type: User

7/30/2010

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss	16251 Btuh
	Ventilation Sensible Heat Loss	0 Btuh
	Total Heat Loss	16251 Btuh

EQUIPMENT

1. Electric Heat Pump	#	20000 Btuh
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Key: Window types - NFRC (Requires U-Factor and Shading coefficient(SHGC) of glass as numerical values)
or - Glass as 'Clear' or 'Tint' (Uses U-Factor and SHGC defaults)

U - (Window U-Factor)

HTM - (ManualJ Heat Transfer Multiplier)



Version 8

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Fred Pierce

Project Title:
1007069PierceFredAddition

, FL

7/30/2010

Reference City: Gainesville, FL

Temperature Difference: 17.0F(MJ8 99%)

Humidity difference: 54gr.

Component Loads for Whole House

Window	Type*						Overhang		Window Area(sqft)			HTM		Load	
	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2 Low-E	0.61, 0.67	No	No	W		1.5ft	1.0ft	13.3	0.5	12.8	24	70	913	Btuh
2	2 Low-E	0.61, 0.67	No	No	N		1.5ft	1.0ft	6.0	0.0	6.0	24	24	145	Btuh
3	2 Low-E	0.61, 0.67	No	No	N		1.5ft	1.0ft	3.3	0.0	3.3	24	24	81	Btuh
4	2 Low-E	0.61, 0.67	No	No	E		1.5ft	1.0ft	30.0	1.5	28.5	24	70	2038	Btuh
	Excursion													54	Btuh
	Window Total								53 (sqft)					3232 Btuh	
Walls	Type					U-Value	R-Value	Area(sqft)			HTM		Load		
							Cav/Sheath								
1	Frame - Wood - Ext					0.09	13.0/0.0	300.0			2.1		626	Btuh	
2	Frame - Wood - Ext					0.09	13.0/0.0	198.7			2.1		414	Btuh	
3	Frame - Wood - Ext					0.09	13.0/0.0	114.0			2.1		238	Btuh	
4	Frame - Wood - Adj					0.09	13.0/0.0	156.0			1.5		235	Btuh	
	Wall Total								769 (sqft)					1513 Btuh	
Doors	Type							Area (sqft)			HTM		Load		
1	Insulated - Exterior							6.7			11.2		75	Btuh	
2	Insulated - Garage							20.0			11.2		224	Btuh	
	Door Total								27 (sqft)					299 Btuh	
Ceilings	Type/Color/Surface					U-Value	R-Value	Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle					0.032	30.0/0.0	1029.0			1.66		1704	Btuh	
	Ceiling Total								1029 (sqft)					1704 Btuh	
Floors	Type						R-Value	Size			HTM		Load		
1	Slab On Grade						0.0	1029 (ft-perimeter)			0.0		0	Btuh	
	Floor Total								1029.0 (sqft)					0 Btuh	
	Envelope Subtotal:													6748 Btuh	
Infiltration	Type					ACH	Volume(cuft)		Wall Ratio		CFM=		Load		
	SensibleNatural					0.40	8232	769			68.6		1021	Btuh	
Internal gain					Occupants	Btuh/occupant			Appliance		Load				
					4	X	230	+	2000		2920	Btuh			
	Sensible Envelope Load:													10689 Btuh	
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)										(DGM of 0.261)		2787 Btuh		
	Sensible Load All Zones													13476 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Fred Pierce

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
1007069PierceFredAddition

, FL

7/30/2010

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	10689 Btuh
	Sensible Duct Load	2787 Btuh
	Total Sensible Zone Loads	13476 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	13476 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	2006 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	604 Btuh
	Latent occupant gain (4 people @ 200 Btuh per person)	800 Btuh
	Latent other gain	0 Btuh
	Latent total gain	3410 Btuh
	TOTAL GAIN	16886 Btuh

EQUIPMENT

1. Central Unit	#	20000 Btuh
-----------------	---	------------

*Key: Window types (Panels - Number and type of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value)
(U - Window U-Factor)
(InSh - Interior shading device: none(No), Blinds(B), Draperies(D) or Roller Shades(R))
- For Blinds: Assume medium color, half closed
For Draperies: Assume medium weave, half closed
For Roller shades: Assume translucent, half closed
(IS - Insect screen: none(N), Full(F) or Half(½))
(Ornt - compass orientation)



Version 8



**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIREMENTS**

**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:			
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void			
3	Condition space (Sq. Ft.)			
	Total (Sq. Ft.) under roof			

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



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		
		IIIIII	IIII	IIII
		YES	NO	N/A
8	Plans or specifications must show compliance with FBCR Chapter 3			
9	Basic wind speed (3-second gust), miles per hour			
10	(Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specifically designed by the registered design professional.	✓		

Elevations Drawing including:

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

Floor Plan including:

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

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)

GENERAL REQUIREMENTS:
APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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.			
30	All posts and/or column footing including size and reinforcing	✓	⊗	
31	Any special support required by soil analysis such as piling.		✓	
32	Assumed load-bearing value of soil _____ Pound Per Square Foot		✓	
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)		✓	✓

FBCR 506: CONCRETE SLAB ON GRADE

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

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	✓		
----	--	---	--	--

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	✓		
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement		✓	

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

GENERAL REQUIREMENTS:
APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-
Each Box shall be
Circled as
Applicable

		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls			
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown			
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			
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			
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)			
57	Indicate where pressure treated wood will be placed			
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas			
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail			

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

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			
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas			

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assemblies covering	<input checked="" type="checkbox"/>		
72	Submit Florida Product Approval numbers for each component of the roof assemblies 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			
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"/>		
79	Show clothes dryer route and total run of exhaust duct	<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 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			<input checked="" type="checkbox"/>

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.

GENERAL REQUIREMENTS:
APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-
Each Box shall be
Circled as
Applicable

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	Building Permit Application A current Building Permit Application form is to be completed and submitted for all residential projects	<input checked="" type="checkbox"/>		
93	Parcel Number The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	<input checked="" type="checkbox"/>		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058			
95	City of Lake City A permit showing an approved waste water sewer tap			<input checked="" type="checkbox"/>
96	Toilet facilities shall be provided for all construction sites			<input checked="" type="checkbox"/>
97	Town of Fort White (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.			<input checked="" type="checkbox"/>
98	Flood Information: 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		<input checked="" type="checkbox"/>	
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established		<input checked="" type="checkbox"/>	
100	A development permit will also be required. Development permit cost is \$50.00		<input checked="" type="checkbox"/>	
101	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.			<input checked="" type="checkbox"/>
102	911 Address: 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 received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	<input checked="" type="checkbox"/>		

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 and 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 an 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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			FL 18
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			FL 663
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			
C. PANEL WALL			FL 8895
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			FL 673
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
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
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			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
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)



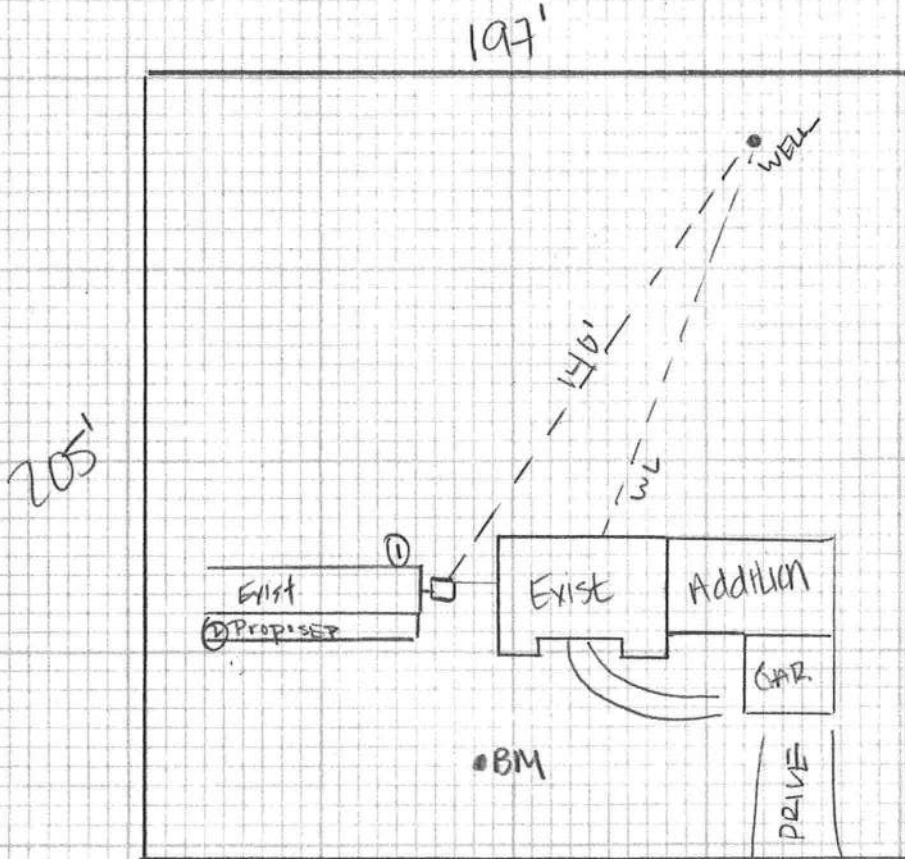
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 10-0378M

PART II - SITE PLAN

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



Notes:

Site Plan submitted by: _____

Signature

Title

Plan Approved X

Not Approved _____

Date 8/12/10

By [Signature]

Columbia CHD

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



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

SSO 217004571
SBC 8/9

PERMIT NO. 10-0378
DATE PAID: 974988
FEE PAID: 815110
RECEIPT #: 320.00
1447888

APPLICATION FOR:

[] New System [X] Existing System [] Holding Tank [] Innovative
[] Repair [] Abandonment [] Temporary []

APPLICANT: Frederick Pierce

AGENT:

TELEPHONE: 386 754-0082

MAILING ADDRESS: 3506 S.W. Sister Welcome Rd Lake City Fla 32024

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.

PROPERTY INFORMATION

LOT: BLOCK: SUBDIVISION: PLATTED:

PROPERTY ID #: 14-45-16-02954-001 ZONING: I/M OR EQUIVALENT: [Y / N]

PROPERTY SIZE: 1.1 ACRES WATER SUPPLY: [] PRIVATE PUBLIC [] <=2000GPD [] >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y / N] DISTANCE TO SEWER: FT

PROPERTY ADDRESS: 3506 S.W. Sister Welcome Rd Lake City Fla 32024

DIRECTIONS TO PROPERTY: Take us 90 to 341-~~the~~ Sister Welcome Rd Turn Left on sister welcome Rd Go about 1/2 mile there will be a Survey Flag on the mailbox on the Right hand side of Sister Welcome

BUILDING INFORMATION

[X] RESIDENTIAL [] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	house existing	3	1200	1296
2	addition		1004	1032
3			2002	2305
4				

[X] Floor/Equipment Drains [] Other (Specify)

SIGNATURE: Frederick Pierce

DATE: 8/5/10

Columbia County Property Appraiser

DB Last Updated: 5/6/2010

2009 Tax Roll Year

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

Interactive GIS Map

Print

Parcel: 14-4S-16-02954-001

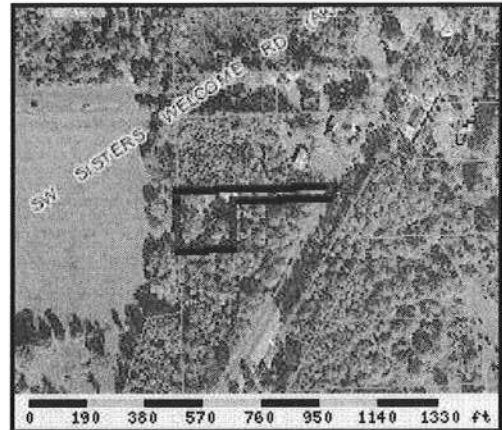
<< Next Lower Parcel

Next Higher Parcel >>

Search Result: 1 of 1

Owner & Property Info

Owner's Name	PIERCE FREDERICK		
Mailing Address	3506 SW SISTERS WELCOME RD LAKE CITY, FL 32024		
Site Address	3506 SW SISTERS WELCOME RD		
Use Desc. (code)	SINGLE FAM (000100)		
Tax District	2 (County)	Neighborhood	14316
Land Area	1.010 ACRES	Market Area	06
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. COMM SW COR OF SE1/4 OF SE1/4, RUN N 825.41 FT FOR POB, CONT N 195.07 FT, E 476.21 FT TO W R/W CR-341, SW ALONG R/W 34.42 FT, W 277.81 FT, S 165.07 FT, W 181.51 FT TO POB. ORB 826-1932		



Property & Assessment Values

2009 Certified Values		
Mkt Land Value	cnt: (0)	\$16,580.00
Ag Land Value	cnt: (1)	\$0.00
Building Value	cnt: (1)	\$64,794.00
XFOB Value	cnt: (2)	\$1,935.00
Total Appraised Value		\$83,309.00
Just Value		\$83,309.00
Class Value		\$0.00
Assessed Value		\$63,043.00
Exempt Value	(code: HX)	\$38,043.00
Total Taxable Value	Cnty: \$25,000 Other: \$25,000 Schl: \$38,043	

2010 Working Values

NOTE:
2010 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

[Show Working Values](#)

Sales History

[Show Similar Sales within 1/2 mile](#)

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
7/18/1996	826/1932	WD	V	U	03	\$0.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1996	COMMON BRK (19)	1265	1494	\$62,658.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	1996	\$135.00	0000090.000	3 x 30 x 0	(000.00)
0294	SHED WOOD/	1996	\$1,800.00	0000240.000	15 x 16 x 0	(000.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.01 AC	1.00/1.00/1.00/1.00	\$14,774.40	\$14,922.00

Columbia County Property Appraiser

DB Last Updated: 5/6/2010

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: 1007069PierceFredAddition
 Street:
 City, State, Zip: , FL ,
 Owner: Fred Pierce
 Design Location: FL, Gainesville

Builder Name:
 Permit Office: COLUMBIA
 Permit Number: 28786
 Jurisdiction: 221000

- | | |
|--|------------------------------------|
| 1. New construction or existing | Addition |
| 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 ²) | 1029 |
| 7. Windows | Description Area |
| a. U-Factor: | Dbl, default 52.67 ft ² |
| SHGC: | Clear, default |
| 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: | |
| 8. Floor Types | Insulation Area |
| a. Slab-On-Grade Edge Insulation | R=0.0 1029.00 ft ² |
| b. N/A | R= ft ² |
| c. N/A | R= ft ² |

- | | |
|--|--------------------------------|
| 9. Wall Types | Insulation Area |
| a. Frame - Wood, Exterior | R=13.0 672.00 ft ² |
| b. Frame - Wood, Adjacent | R=13.0 176.00 ft ² |
| c. N/A | R= ft ² |
| d. N/A | R= ft ² |
| 10. Ceiling Types | Insulation Area |
| a. Under Attic (Vented) | R=30.0 1029.00 ft ² |
| b. N/A | R= ft ² |
| c. N/A | R= ft ² |
| 11. Ducts - | |
| a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 205.8 ft ² | |
| 12. Cooling systems - | |
| a. Central Unit | Cap: 16.6 kBtu/hr
SEER: 13 |
| 13. Heating systems - | |
| a. Electric Heat Pump | Cap: 15.6 kBtu/hr
HSPF: 7.7 |
| 14. Hot water systems - Replacement equipment | |
| a. Electric | Cap: 40 gallons
EF: 0.92 |
| b. Conservation features | |
| None | |
| 15. Credits | None |

Glass/Floor Area: 0.051

Total As-Built Modified Loads: 12.98

Total Baseline Loads: 15.25

PASS

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

PREPARED BY:

DATE: 1/30/10 EVAN BERNSELY

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:	1007069PierceFredAddition	Bedrooms:	3	Address Type:	Street Address
Building Type:	FLAsBuilt	Conditioned Area:	1029	Lot #	
Owner:	Fred Pierce	Total Stories:	1	SubDivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:		Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	, FL ,
Family Type:	Single-family				
New/Existing:	Addition				
Comment:					

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	132 ft	0	1029 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	1151 ft²	0 ft²	Dark	0.96	No	0	26.6 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1029 ft²	N	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	1029 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	W	Exterior	Frame - Wood	13	320 ft²		0.23	0.75
_____	2	N	Exterior	Frame - Wood	13	208 ft²		0.23	0.75
_____	3	E	Exterior	Frame - Wood	13	144 ft²		0.23	0.75
_____	4	E	Garage	Frame - Wood	13	176 ft²		0.23	0.01

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	W	Insulated	None	0.4	6.666666
_____	2	E	Insulated	None	0.4	20 ft²

WINDOWS

Orientation shown is the entered, asBuilt orientation.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth Separation	Int Shade	Screening
_____	1	W	Metal	Low-E Double	No	0.87	0.66	N	13.333333	1 ft 6 in 1 ft 0 in	HERS 2006	None
_____	2	N	Metal	Low-E Double	No	0.87	0.66	N	6 ft²	1 ft 6 in 1 ft 0 in	HERS 2006	None
_____	3	N	Metal	Low-E Double	No	0.87	0.66	N	3.333333	1 ft 6 in 1 ft 0 in	HERS 2006	None
_____	4	E	Metal	Low-E Double	No	0.87	0.66	N	30 ft²	1 ft 6 in 1 ft 0 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	0.00050	1350	9.84	74.1	139.3	0 cfm	0 cfm	0	0

GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	440 ft²	440 ft²	62 ft	8 ft	(invalid)

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ducts
_____	1	Central Unit	None	SEER: 13	20 kBtu/hr	600 cfm	0.75	sys#1

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ducts
_____	1	Electric Heat Pump	None	HSPF: 7.7	20 kBtu/hr	sys#1

HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.92	40 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

✓	#	---- Supply ----			---- Return ----		Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
		Location	R-Value	Area	Location	Area						
	1	Attic	6	205.8 ft	Attic	51.45 ft	Default Leakage	Interior	(Default)	(Default) %		

TEMPERATURES

Programable Thermostat: None						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	Hours												
	1	2	3	4	5	6	7	8	9	10	11	12	
Cooling (WD)	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
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	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68
Heating (WEH)	AM PM	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68

Code Compliance Cheklist

Residential Whole Building Performance Method A - Details

ADDRESS: _____ PERMIT #: _____
_____, FL, _____

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.	
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.	
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.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 85

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

, , FL,

1. New construction or existing	Addition	9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family	a. Frame - Wood, Exterior	R=13.0	672.00 ft ²
3. Number of units, if multiple family	1	b. Frame - Wood, Adjacent	R=13.0	176.00 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)	1029	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	1029.00 ft ²
a. U-Factor:	Dbl, default	b. N/A	R=	ft ²
SHGC:	Clear, default	c. N/A	R=	ft ²
b. U-Factor:	N/A	11. Ducts -		
SHGC:		a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 205.8 ft ²		
c. U-Factor:	N/A	12. Cooling systems -		
SHGC:		a. Central Unit	Cap: 16.6 kBtu/hr	
d. U-Factor:	N/A		SEER: 13	
SHGC:		13. Heating systems -		
e. U-Factor:	N/A	a. Electric Heat Pump	Cap: 15.6 kBtu/hr	
SHGC:			HSPF: 7.7	
8. Floor Types	Insulation	14. Hot water systems - Replacement equipment		
a. Slab-On-Grade Edge Insulation	R=0.0	a. Electric	Cap: 40 gallons	
b. N/A	R=		EF: 0.92	
c. N/A	R=	b. Conservation features		
		None		
		15. Credits		None

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.



1007-54

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1007-59 CONTRACTOR FRED PIERCE PHONE 759.0082

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 <u>Frederick Pierce</u> License #:	Signature <u>Frederick Pierce</u> Phone #:
MECHANICAL/ A/C	Print Name _____ License #:	Signature _____ Phone #:
PLUMBING/ GAS	Print Name _____ License #:	Signature _____ Phone #:
ROOFING	Print Name <u>Frederick Pierce</u> License #:	Signature <u>Frederick Pierce</u> 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		<u>Frederick Pierce</u>	<u>Frederick Pierce</u>
CONCRETE FINISHER		<u>Frederick Pierce</u>	<u>Frederick Pierce</u>
FRAMING		<u>Frederick Pierce</u>	<u>Frederick Pierce</u>
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
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.