

DATE 03/17/2008

Columbia County Building Permit

PERMIT  
000026854

This Permit Must Be Prominently Posted on Premises During Construction

APPLICANT CHRISTOPHER LUKE PHONE 352-213-4448  
ADDRESS PO BOX 1994 TRENTON FL 32693  
OWNER DEBRA & BRAVLIO PERUYERO PHONE \_\_\_\_\_  
ADDRESS 13534 SW TUSTENUGGEE AVE FORT WHITE FL 32038  
CONTRACTOR CHRISTOPHER LUKE PHONE 352-213-4448  
LOCATION OF PROPERTY 441 S, R 131, GO APPROX. 8 MILES ON THE RIGHT (BRICK SFD)  
WITH POOL IN THE REAR  
TYPE DEVELOPMENT POOL HOUSE,UTILIT ESTIMATED COST OF CONSTRUCTION 70000.00  
HEATED FLOOR AREA 720.00 TOTAL AREA 922.00 HEIGHT 15.00 STORIES 1  
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB  
LAND USE & ZONING AG-3 MAX. HEIGHT 35  
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 19-6S-17-09699-001 SUBDIVISION \_\_\_\_\_  
LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES 43.90

CBC1253691  
Culvert Permit No. \_\_\_\_\_ Culvert Waiver \_\_\_\_\_ Contractor's License Number \_\_\_\_\_ Applicant/Owner/Contractor \_\_\_\_\_  
EXISTING 08-0082 BK JH N  
Driveway Connection \_\_\_\_\_ Septic Tank Number \_\_\_\_\_ LU & Zoning checked by \_\_\_\_\_ Approved for Issuance \_\_\_\_\_ New Resident \_\_\_\_\_

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, NOC ON FILE

ACCESSORY USE \_\_\_\_\_

Check # or Cash 2788

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 \_\_\_\_\_ Rough-in plumbing above slab and below wood floor \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
Electrical rough-in \_\_\_\_\_ Heat & Air Duct \_\_\_\_\_ Peri. beam (Lintel) \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
Permanent power \_\_\_\_\_ C.O. Final \_\_\_\_\_ Culvert \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
M/H tie downs, blocking, electricity and plumbing \_\_\_\_\_ Pool \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
Reconnection \_\_\_\_\_ Pump pole \_\_\_\_\_ Utility Pole \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_  
M/H Pole \_\_\_\_\_ Travel Trailer \_\_\_\_\_ Re-roof \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_

BUILDING PERMIT FEE \$ 350.00 CERTIFICATION FEE \$ 4.61 SURCHARGE FEE \$ 4.61  
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 434.22  
INSPECTORS OFFICE L. Jackson CLERKS OFFICE CN

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 TO BE IN ACTIVE PROGRESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

**Columbia County Building Permit Application**

ok 2788

**For Office Use Only** Application # 0802-03 Date Received 2/4 By JW Permit # 26854  
 Zoning Official BKK Date 12.03.08 Flood Zone X FEMA Map # N/A Zoning A-3  
 Land Use A-3 Elevation N/A MFE N/A River N/A Plans Examiner OK JTH Date 2-21-09  
 Comments Accessory use  
☒ NOC ☐ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # \_\_\_\_\_  
☐ Dev Permit # \_\_\_\_\_ ☐ In Floodway ☐ Letter of Authorization from Contractor  
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. 08-0082 Fax 352 463.7119

Name Authorized Person Signing Permit Christopher Luke Phone 352-213-4448

Address P.O. Box 1994 Trenton Fl. 32693

Owners Name Debra and Braulio Peryero Phone \_\_\_\_\_

911 Address 13534 SW. Tustnuggee Ave. Fort White Fl. 32038

Contractors Name Dream Builders Development Corp - Christopher Luke Phone 352-463-2210

Address P.O. Box 1994 Trenton Fl. 32693

Fee Simple Owner Name & Address Cash

Bonding Co. Name & Address \_\_\_\_\_

Architect/Engineer Name & Address Tri-County Home Designs P.O. Box 285 Trenton Fl. 32693

Mortgage Lenders Name & Address Cash

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

Property ID Number 09699-000 001 Estimated Cost of Construction 70,000 \$

Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions South 441 turn Right East @ 131 approx 8 mile house Right

Number of Existing Dwellings on Property 1

Construction of Pool house / Guest house Total Acreage 5 Lot Size \_\_\_\_\_

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 15'

Actual Distance of Structure from Property Lines - Front 380' Side 210' Side 134' Rear 280'

Number of Stories 1 Heated Floor Area 720 Total Floor Area 922 Roof Pitch 5/12

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.

Called Christopher Luke and left a message 3-14-08 let



Columbia County Building Permit Application

**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.

**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.

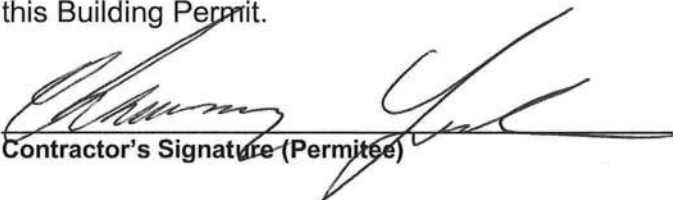
**NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:**

**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.

**OWNERS CERTIFICATION:** I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

  
Owners Signature

**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.

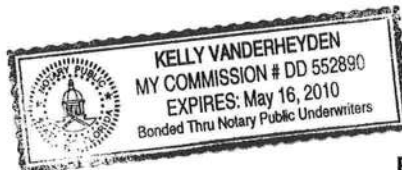
  
Contractor's Signature (Permittee)

Contractor's License Number CBC 1253691  
Columbia County  
Competency Card Number \_\_\_\_\_

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 4<sup>th</sup> day of February 2008.  
Personally known X or Produced Identification \_\_\_\_\_

  
State of Florida Notary Signature (For the Contractor)

SEAL:



# NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 09699-000

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): 09699-000  
a) Street (job) Address: 13534 SW TUSTENUGEE AVE. Fort White FL 32038

2. General description of improvements: Construction of New Pool house

## 3. Owner Information

a) Name and address: Debra And Braulio Peruyero - 13534 SW TUSTENUGEE AVE F.W. FL 32038  
b) Name and address of fee simple titleholder (if other than owner) \_\_\_\_\_  
c) Interest in property \_\_\_\_\_

## 4. Contractor Information

a) Name and address: Dreambuilders Development Corp. P.O. Box 1994 Trenton FL 32693  
b) Telephone No.: 352 463 2210 Fax No. (Opt.) \_\_\_\_\_

## 5. Surety Information

a) Name and address: \_\_\_\_\_  
b) Amount of Bond: \_\_\_\_\_  
c) Telephone No.: \_\_\_\_\_

## 6. Lender

a) Name and address: \_\_\_\_\_  
b) Phone No. \_\_\_\_\_

## 7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:

a) Name and address: \_\_\_\_\_  
b) Telephone No.: \_\_\_\_\_ Fax No. (Opt.) \_\_\_\_\_

## 8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b). Florida Statutes:

a) Name and address: \_\_\_\_\_  
b) Telephone No.: \_\_\_\_\_ Fax No. (Opt.) \_\_\_\_\_

## 9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified):

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

STATE OF FLORIDA  
COUNTY OF COLUMBIA

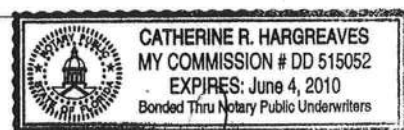
10. Debra Kay Peruyero  
Signature of Owner or Owner's Authorized Officer/Partner/Manager  
Debra Kay Peruyero  
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 1st day of February, 2008, by:

Debra Kay Peruyero as \_\_\_\_\_ (type of authority, e.g. officer, trustee, attorney fact) for \_\_\_\_\_ (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification \_\_\_\_\_ Type \_\_\_\_\_

Notary Signature Catherine R. Hargreaves 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.

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

*Dream  
Builders  
Development*

P.O. Box 1994, Trenton, Florida 32693, (352) 463-2210, (352) 472-6655

---

To: Joe Haltiwanger  
Columbia County Building Dept.

From: Dream Builders Development Corp.

In regards to the Peruyero project, ref. number 0802-03, we understand that we will have to remove the stove and install a 200 amp disconnect panel on the pool house. In addition we will demonstrate how we will subfeed the pool house from the existing dwelling.



P.O. Box 1994, Trenton, Florida 32693, (352) 463-2210, (352) 472-6655

---

### **Fax Cover Sheet**

To: Joe Haltiwanger  
Columbia County Building Dept.

Telephone Number: 386-758-1163

Fax Number:

Date: February 20, 2008

From: Jim Miller, President  
Dream Builders Development Corp.

Telephone Number: 352-463-2210

Fax Number: 352-463-7119

Number of pages including  
this Cover sheet: 20

Message: Ref. # 0802-03



STATE OF FLORIDA  
DEPARTMENT OF HEALTH

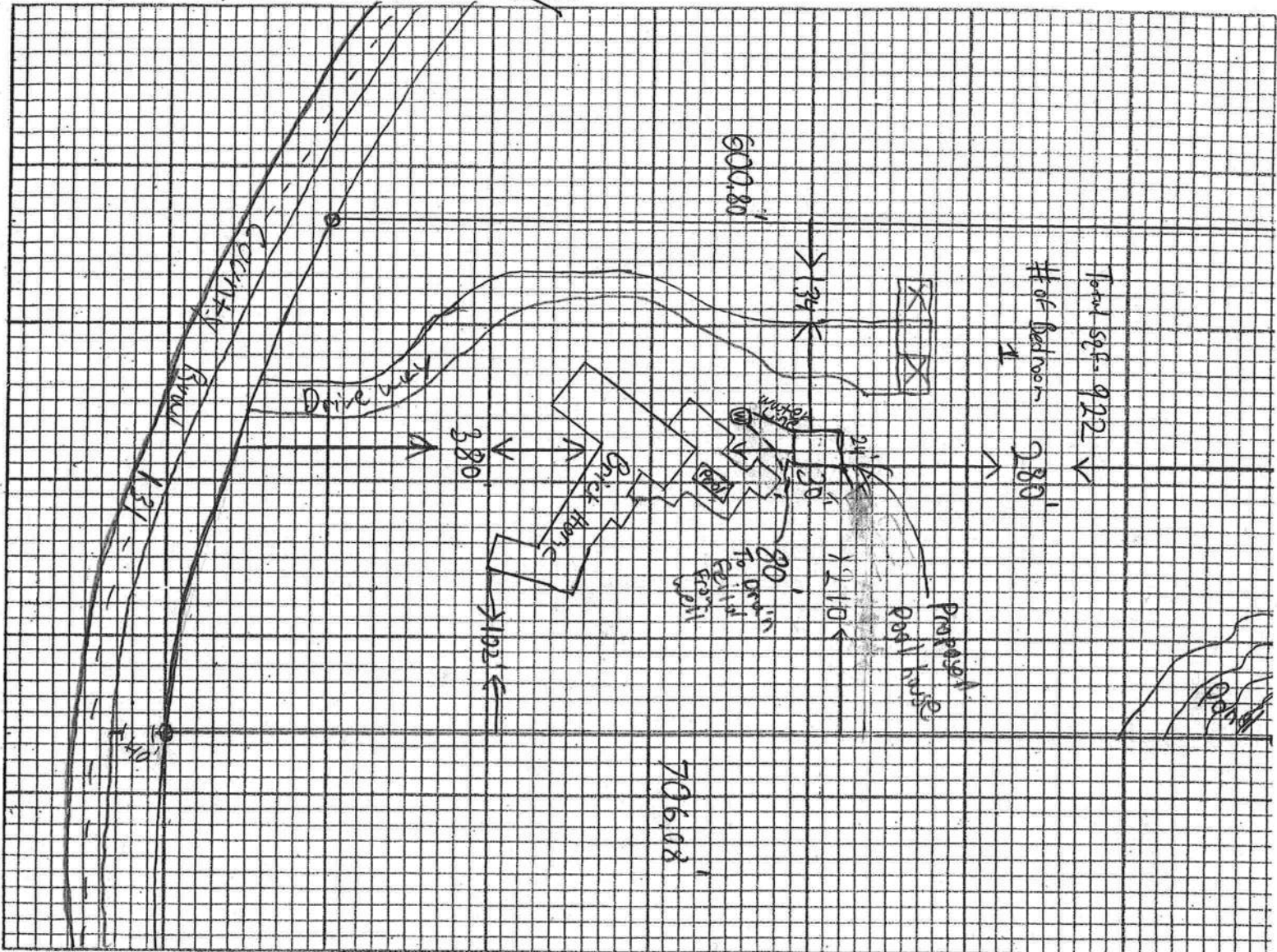
Peruero

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-0582

PART II - SITE PLAN

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



Notes: Change of scale: Each Block represents 10 feet and 1 inch = 100 feet  
Distance From well to septic = 80'  
Distance From septic system to Nearest Property Line = 160'  
Pond in Far corner of 5 ac. lot

Site Plan submitted by: Channing York Signature  
Plan Approved ☒ APPROVED Not Approved ☐  
By [Signature] Agent/Contractor  
Date 1/23/18 Title Health Department

Columbia CHD

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT





## Columbia County, Florida Planning & Zoning Department

Review of Building Permit for compliance with  
County's Comprehensive Plan and  
Land Development Regulations

5 March 2008

Christopher Luke  
P.O. Box 1994  
Trenton, FL 32693

TRANSMITTED VIA FACSIMILE  
352.463.7119

RE: Building Permit Application 0802-03, Debra and Braulio Peruyero

Dear Christopher:

The above referenced application is for a pool/guest house. Under the County's Land Development Regulations (LDR's) this type of structure is considered an accessory use. In order for a permit to be issued for such a structure, it cannot have a kitchen and must be on the same power as the principle residence. While we do have your faxed statement concerning the stove and 200 amp disconnect panel, the submitted plans will still need to be revised with the word kitchen and stove drawing removed. This will alleviate any confusion or conflict after the permit is issued when compared with the set of plans that are required to be maintained on site during construction.

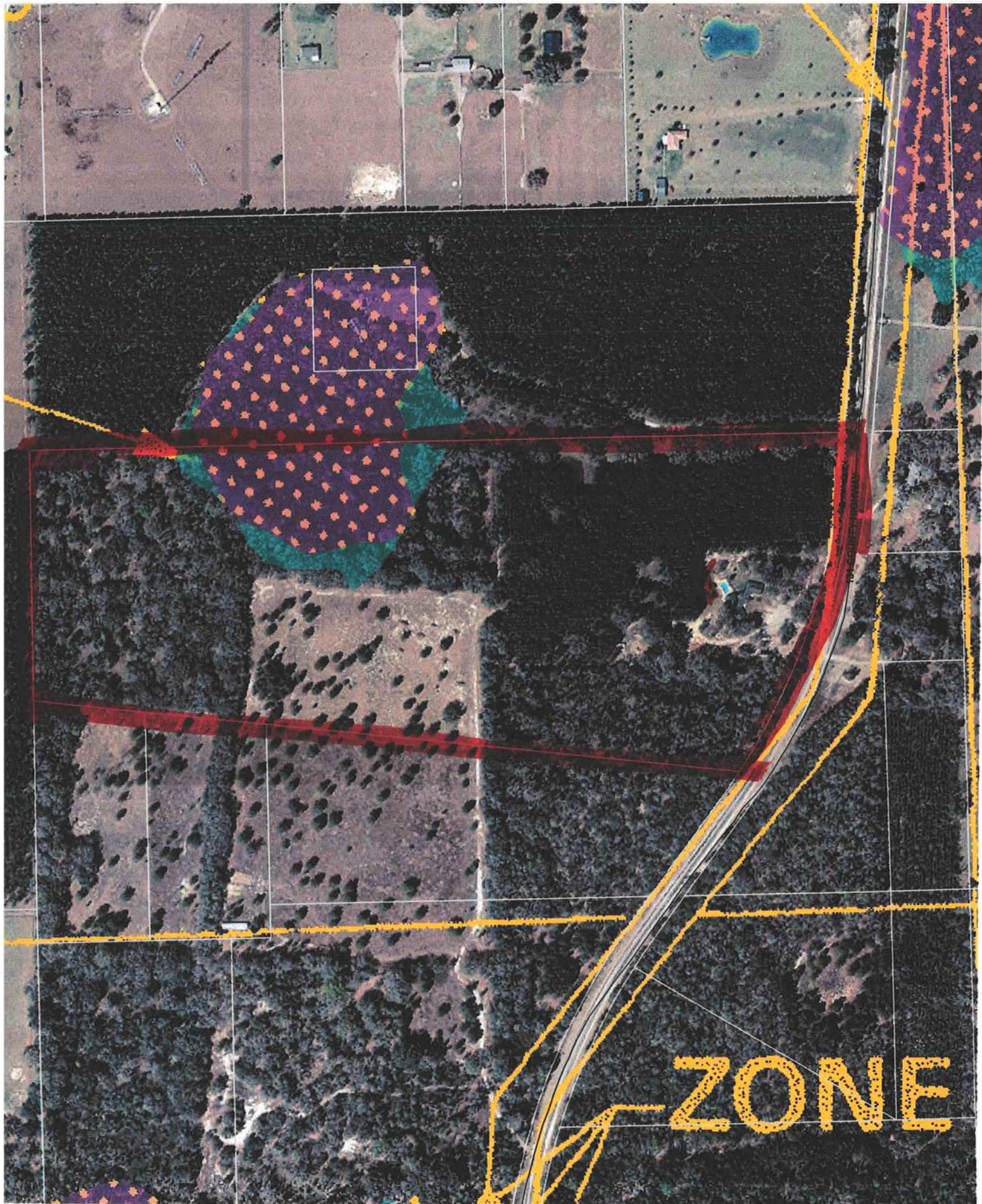
If you have any questions concerning this matter, please do not hesitate to contact me at 386.758.1007.

Sincerely,

Brian L. Kepner  
Land Development Regulation Administrator,  
County Planner

xc: John D. Kerce, Building and Zoning Director





0802-03



# Columbia County Property Appraiser

DB Last Updated: 1/15/2008

## 2008 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 19-6S-17-09699-001 HX

### Owner & Property Info

Search Result: 1 of 4

Next &gt;&gt;

<b>Owner's Name</b>	PERUYERO BRAULIO & DEBRA		
<b>Site Address</b>	TUSTENUGGEE		
<b>Mailing Address</b>	13534 SW TUSTENUGGEE AVE FT WHITE, FL 32038		
<b>Use Desc. (code)</b>	IMPROVED A (005000)		
<b>Neighborhood</b>	19617.00	<b>Tax District</b>	3
<b>UD Codes</b>	MKTA02	<b>Market Area</b>	02
<b>Total Land Area</b>	43.960 ACRES		
<b>Description</b>	BEG NW COR OF S1/2 OF SE1/4, RUN E 2379.62 FT TO W R/W CR-131, SW ALONG R/W APPROX 1054 FT, NW 2032.31 FT, N 724.62 FT TO POB. ORB 531-695, 917-238, POA 1100-33		

### GIS Aerial



### Property & Assessment Values

<b>Mkt Land Value</b>	cnt: (2)	\$121,880.00
<b>Ag Land Value</b>	cnt: (1)	\$2,994.00
<b>Building Value</b>	cnt: (1)	\$195,159.00
<b>XFOB Value</b>	cnt: (5)	\$17,876.00
<b>Total Appraised Value</b>		\$337,909.00

<b>Just Value</b>	\$388,875.00
<b>Class Value</b>	\$337,909.00
<b>Assessed Value</b>	\$151,221.00
<b>Exempt Value</b>	(code: HX) \$25,000.00
<b>Total Taxable Value</b>	\$126,221.00

### Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
2/1/1984	531/695	CT	I	Q		\$90,890.00

### Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1981	Common BRK (19)	3259	4139	\$195,159.00
<b>Note:</b> All S.F. calculations are based on exterior building dimensions.						

### Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0190	FPLC PF	0	\$1,600.00	1.000	0 x 0 x 0	(.00)
0297	SHED CONCR	0	\$826.00	240.000	12 x 20 x 0	PD (80.00)
0020	BARN,FR	0	\$1,093.00	414.000	18 x 23 x 0	PD (80.00)
0280	POOL R/CON	1999	\$12,887.00	628.000	0 x 0 x 0	(.00)
0166	CONC,PAVMT	1999	\$1,470.00	980.000	0 x 0 x 0	(.00)

### Land Breakdown

--	--	--	--	--	--	--

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 AC	1.00/1.00/1.00/1.00	\$4,000.00	\$4,000.00
005500	TIMBER 2 (AG)	13.490 AC	1.00/1.00/1.00/1.00	\$222.00	\$2,994.00
009900	AC NON-AG (MKT)	29.470 AC	1.00/1.00/1.00/1.00	\$4,000.00	\$117,880.00
009910	MKT.VAL.AG (MKT)	13.490 AC	1.00/1.00/1.00/1.00	\$0.00	\$53,960.00

Columbia County Property Appraiser

DB Last Updated: 1/15/2008

1 of 4

[Next >>](#)

## Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a **work in progress** and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are **NOT CERTIFIED** values and therefore are subject to change before finalized for ad-valorem assessment purposes.

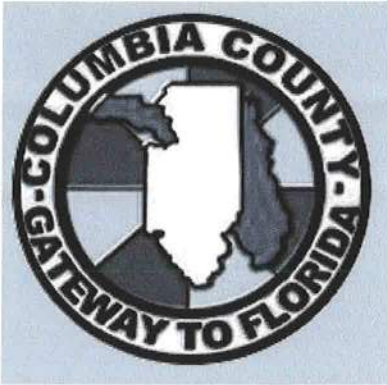
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## Columbia County, Florida Planning & Zoning Department

Review of Building Permit for compliance with  
County's Comprehensive Plan and  
Land Development Regulations

20 February 2008

Christopher Luke  
P.O. Box 1994  
Trenton, FL 32693

RE: Building Permit Application 0802-03, Debra and Braulio Peruyero

Dear Christopher:

The above referenced application is for a pool/guest house. Under the County's Land Development Regulations (LDR's) this type of structure is considered an accessory use. In order for a permit to be issued for such a structure, it cannot have a kitchen and must be on the same power as the principle residence. The submitted plans will need to be amended.

If you have any questions concerning this matter, please do not hesitate to contact me at 386.758.1007.

Sincerely,

Brian L. Kepner  
Land Development Regulation Administrator,  
County Planner

**Confidentiality Notice:** This facsimile transmission is confidential and is intended only for the review of the party to whom it is addressed. It may contain proprietary and/or privileged information protected by law. If you are not the intended recipient, you may not use, copy or distribute this facsimile message or its attachments. If you have received this transmission in error, please immediately telephone the sender above to arrange for its return.

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

**ESTIMATED ENERGY PERFORMANCE SCORE\* = 86.0**

The higher the score, the more efficient the home.

Debra and Braulio Peruyero, 13534 S W Tustenuggee Ave, Fort White, FL

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit:	Cap: 24.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 13.00
4. Number of Bedrooms	1	___	b. N/A	___
5. Is this a worst case?	No	___	c. N/A	___
6. Conditioned floor area (ft <sup>2</sup> )	720 ft <sup>2</sup>	___		___
7. Glass type <sup>1</sup> and area (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems	
a. U-factor:	Description Area	___	a. Electric Heat Pump	Cap: 24.0 kBtu/hr
(or Single or Double DEFAULT)	7a(Single Default) 95.0 ft <sup>2</sup>	___		HSPF: 8.80
b. SHGC:	7b. (Clear) 95.0 ft <sup>2</sup>	___	b. N/A	___
(or Clear or Tint DEFAULT)		___	c. N/A	___
8. Floor types		___	14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 108.0(p) ft	___	a. Electric Resistance	Cap: 52.0 gallons
b. N/A		___		EF: 0.95
c. N/A		___	b. N/A	___
9. Wall types		___	c. Conservation credits	___
a. Frame, Wood, Exterior	R=11.0, 852.0 ft <sup>2</sup>	___	(HR-Heat recovery, Solar	___
b. N/A		___	DHP-Dedicated heat pump)	___
c. N/A		___	15. HVAC credits	___
d. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,	___
e. N/A		___	HF-Whole house fan,	___
10. Ceiling types		___	PT-Programmable Thermostat,	___
a. Under Attic	R=19.0, 720.0 ft <sup>2</sup>	___	MZ-C-Multizone cooling,	___
b. N/A		___	MZ-H-Multizone heating)	___
c. N/A		___		___
11. Ducts		___		___
a. Sup: Unc. Ret: Con. AH: Interior	Sup: R=6.6, 50.0 ft	___		___
b. N/A		___		___

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 score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) 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 [www.fsec.ucf.edu](http://www.fsec.ucf.edu) 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.*

<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 28-4. EnergyGauge® (Version: FLRCPB v4.5.2)

# System Sizing Calculations - Summer

## Residential Load - Room by Room Component Details

Debra and Braulio Peruyero  
13534 S W Tustanuggee Ave  
Fort White, FL

Project Title:  
Peruyero

Code Only  
Professional Version  
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

2/11/2008

Component Load and Zone Envelope										
Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	1, Clear, 1.27, B-M, N,N	N	6ft.	6ft.	80.0	0.0	80.0	29	29	2341 Btuh
2	1, Clear, 1.27, B-M, N,N	W	2ft.	5ft.	6.0	0.0	6.0	29	70	422 Btuh
3	1, Clear, 1.27, B-M, N,N	W	2ft.	5ft.	9.0	0.0	9.0	29	70	634 Btuh
Window Total					95 (sqft)					3397 Btuh
Walls	Type		R-Value/U-Value		Area(sqft)		HTM		Load	
	Frame - Wood - Ext									
1			11.0/0.09		852.0		2.5		2110 Btuh	
Wall Total					852 (sqft)					2110 Btuh
Doors	Type		R-Value/U-Value		Area (sqft)		HTM		Load	
	Insulated - Exterior									
1					21.0		9.8		205 Btuh	
Door Total					21 (sqft)					205 Btuh
Ceilings	Type/Color/Surface		R-Value		Area(sqft)		HTM		Load	
	Vented Attic/DarkShingle									
1			19.0		720.0		2.5		1835 Btuh	
Ceiling Total					720 (sqft)					1835 Btuh
Floors	Type		R-Value		Size		HTM		Load	
	Slab On Grade									
1			0.0		108 (ft <sup>2</sup> )		0.0		0 Btuh	
Floor Total					108.0 (sqft)					0 Btuh
Zone Envelope Subtotal:										7547 Btuh
Infiltration	Type		ACH		Volume(cuft)		wall area(sqft)		CFM/ft <sup>2</sup>	Load
	Sensible/Natural									
			0.15		6480		852		16.2	301 Btuh
Internal gain	Occupants		Btuh/occupant		Appliance		Load		Load	
	0		X 230		+ <th colspan="2">1200</th>		1200			
Sensible Envelope Load:										9049 Btuh
Duct load	Average sealed, Supply (R6.6-Attic), Return (R6.6-Cond)							(DGM of 0.106)		959 Btuh
Sensible Zone Load										10007 Btuh



# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Debra and Braulio Peruyero  
13534 S W Tustenuggee Ave  
Fort White, FL

Project Title:  
Peruyero

Code Only  
Professional Version  
Climate: North

2/11/2008

### WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	9049 Btuh
	Sensible Duct Load	959 Btuh
	<b>Total Sensible Zone Loads</b>	<b>10007 Btuh</b>
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	<b>Total sensible gain</b>	<b>10007 Btuh</b>
	Latent infiltration gain (for 54 gr. humidity difference)	592 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	239 Btuh
	Latent occupant gain (0 people @ 200 Btuh per person)	0 Btuh
	Latent other gain	0 Btuh
	<b>Latent total gain</b>	<b>831 Btuh</b>
	<b>TOTAL GAIN</b>	<b>10838 Btuh</b>

### EQUIPMENT

1. Central Unit	#	24000 Btuh
-----------------	---	------------

\*Key: Window types (Pn - Number of panes of glass)  
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)  
(U - Window U-Factor or 'DEF' for default)  
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))  
(ExSh - Exterior shading device: none(N) or numerical value)  
(BS - Insect screen: none(N), Full(F) or Half(H))  
(Omt - compass orientation)



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# Residential Window Diversity

MidSummer

Debra and Braulio Peruyero  
13534 S W Tustenuggee Ave  
Fort White, FL

Project Title:  
Peruyero

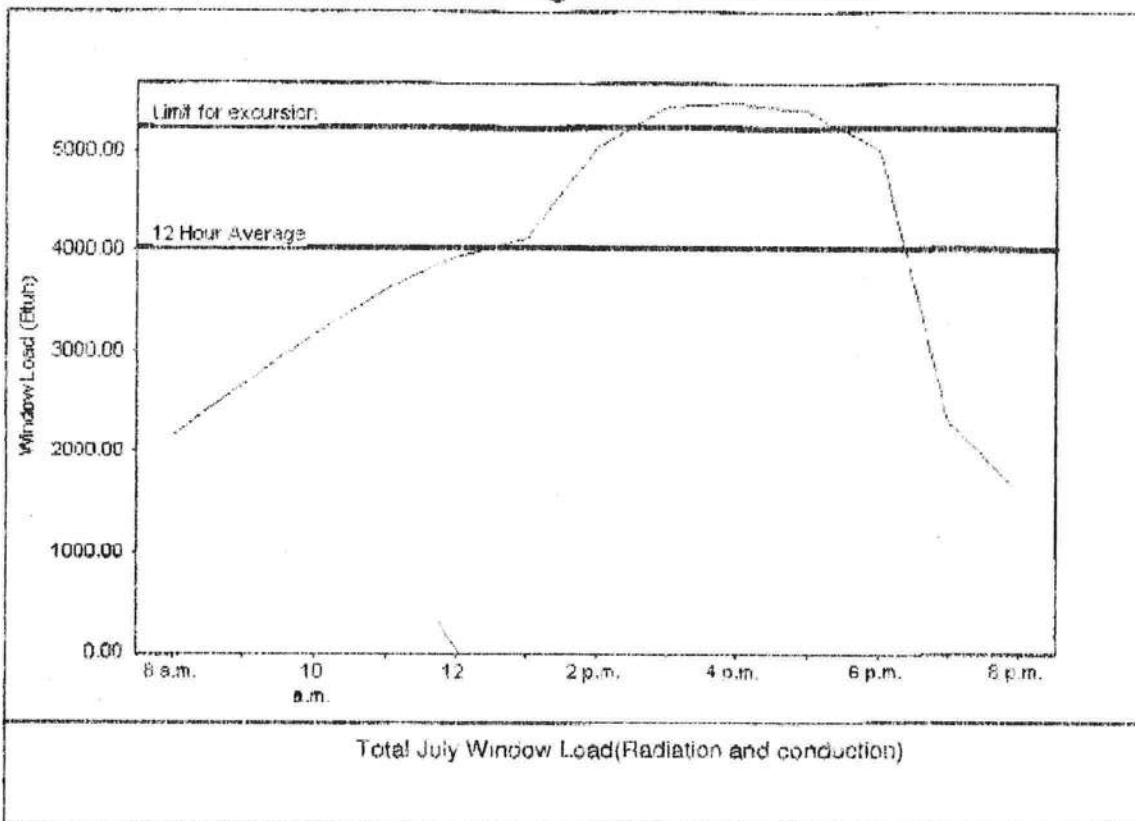
Code Only  
Professional Version  
Climate: North

2/11/2008

Weather data for Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	4026 Btuh
Summer setpoint	75 F	Peak window load for July	5465 Btuh
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	5233 Btuh
Latitude	29 North	Window excursion (July)	232 Btuh

## WINDOW Average and Peak Loads



Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: \_\_\_\_\_

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

EnergyGauge® FLRCPB v4.5.2



# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: 13534 S W Tustenugee Ave, Fort White, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	720.0	18.59	2409.0	1. Single, Clear	N	5.0	8.0	80.0	21.73	0.75	1315.0
				2. Single, Clear	W	2.0	5.0	6.0	43.84	0.80	216.0
				3. Single, Clear	W	2.0	5.0	9.0	43.84	0.80	315.0
				As-Built Total:			95.0			1840.0	
WALL TYPES				Area X BSPM = Points							
Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	0.0	0.00	0.0	1. Frame Wood, Exterior			11.0	852.0	1.70		1448.4
Exterior	852.0	1.70	1448.4								
Base Total:				852.0			1448.4			As-Built Total:	
				852.0			1448.4				
DOOR TYPES				Area X BSPM = Points							
Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0	1. Exterior Insulated				21.0	4.10		86.1
Exterior	21.0	4.10	128.1								
Base Total:				21.0			128.1			As-Built Total:	
				21.0			128.1				
CEILING TYPES				Area X BSPM = Points							
Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	720.0	1.73	1245.6	1. Under Attic			19.0	720.0	2.34 X 1.00		1684.8
Base Total:				720.0			1245.6			As-Built Total:	
				720.0			1245.6				
FLOOR TYPES				Area X BSPM = Points							
Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	108.0(p)	-37.0	-3996.0	1. Slab-On-Grade Edge Insulation			0.0	108.0(p)	-41.20		-4449.6
Raised	0.0	0.00	0.0								
Base Total:				-3996.0			108.0			As-Built Total:	
				-3996.0			108.0				
INFILTRATION				Area X BSPM = Points							
Area X BSPM = Points				Area X SPM = Points							
	720.0	10.21	7351.2								
				720.0			10.21			7351.2	



**SUMMER CALCULATIONS****Residential Whole Building Performance Method A - Details**

ADDRESS: 13534 S W Tustenuggee Ave, Fort White, FL,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 8586.3				Summer As-Built Points: 7960.9						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
8586.3	0.3250		2790.5	<small>(sys 1: Central Unit 24000btuh, SEER/EFF(13.0) Ducts.Unc(S),Con(R),Int(AH),R6.8(INS) 7960.9 1.00 (1.08 x 1.147 x 0.91) 0.260 1.000 2324.4</small>						
				7960.9	1.00	1.123	0.260	1.000		2324.4

**WINTER CALCULATIONS****Residential Whole Building Performance Method A - Details**

ADDRESS: 13534 S W Tustenuggee Ave, Fort White, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points			
.18	720.0	20.17	2814.0	1. Single, Clear	N	6.0	8.0	60.0	33.22	1.01	2696.0
				2. Single, Clear	W	2.0	5.0	6.0	28.54	1.06	183.0
				3. Single, Clear	W	2.0	5.0	9.0	28.84	1.06	274.0
				As-Built Total:			95.0			3153.0	
WALL TYPES				Area X BWPM = Points		Type	R-Value		Area X WPM = Points		
Adjacent	0.0	0.00	0.0	1. Frame Wood, Exterior		11.0		852.0	3.70	3152.4	
Exterior	852.0	3.70	3152.4								
Base Total:		852.0	3152.4	As-Built Total:				852.0		3152.4	
DOOR TYPES				Area X BWPM = Points		Type			Area X WPM = Points		
Adjacent	0.0	0.00	0.0	1. Exterior Insulated				21.0	8.40	176.4	
Exterior	21.0	12.30	258.3								
Base Total:		21.0	258.3	As-Built Total:				21.0		176.4	
CEILING TYPES				Area X BWPM = Points		Type	R-Value		Area X WPM X WCM = Points		
Under Attic	720.0	2.05	1476.0	1. Under Attic		19.0		720.0	2.70 X 1.00	1944.0	
Base Total:		720.0	1476.0	As-Built Total:				720.0		1944.0	
FLOOR TYPES				Area X BWPM = Points		Type	R-Value		Area X WPM = Points		
Slab	108.0(p)	8.9	961.2	1. Slab-On-Grade Edge Insulation:		0.0		108.0(p)	18.80	2030.4	
Raised	0.0	0.00	0.0								
Base Total:			961.2	As-Built Total:				108.0		2030.4	
INFILTRATION				Area X BWPM = Points		Area X WPM = Points					
		720.0	-0.59					720.0	-0.59	-424.8	

**WINTER CALCULATIONS****Residential Whole Building Performance Method A - Details**

ADDRESS: 13534 S W Tustenuggee Ave, Fort White, FL,

PERMIT #:

BASE			AS-BUILT					
Winter Base Points: 8037.1			Winter As-Built Points: 10031.4					
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Heating Points
8037.1	0.5540	4452.6	(sys 1: Electric Heat Pump 24000 btuh, EFF(8.8), Ducts(Unc(S), Con(R), Int(AH), R6.8)					
			10031.4	1.000	(1.056 x 1.169 x 0.93) 0.387	1.000		4461.8
			10031.4	1.00	1.148	0.387	1.000	4461.8



**WATER HEATING & CODE COMPLIANCE STATUS**

Residential Whole Building Performance Method A - Details

ADDRESS: 13534 S W Tustenuggee Ave, Fort White, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit = Total Multiplier
Number of Bedrooms	X	Multiplier	= Total						
1		2635.00	2635.0	52.0	0.95	1	1.00	2551.79	1.00 2551.8
				As-Built Total:					2551.8

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
2791	4453	2635	9878	2324	4462	2552	9338

**PASS**

## Code Compliance Checklist

### Residential Whole Building Performance Method A - Details

ADDRESS: 13534 S W Tustenugee Ave, Fort White, FL.

PERMIT #:

**6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: 3 cfm/sq. ft. window area; 5 cfm/sq. ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.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	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joist members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of 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	606.1.ABC.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 rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

**6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)**

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked air breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	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%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 90 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Debra and Braulio Peruyero  
13534 S W Tustnuggee Ave  
Fort White, FL

Project Title:  
Peruyero

Code Only  
Professional Version  
Climate: North

2/11/2008

### WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	9049 Btuh
	Sensible Duct Load	959 Btuh
	<b>Total Sensible Zone Loads</b>	<b>10007 Btuh</b>
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	<b>Total sensible gain</b>	<b>10007 Btuh</b>
	Latent infiltration gain (for 54 gr. humidity difference)	592 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	239 Btuh
	Latent occupant gain (0 people @ 200 Btuh per person)	0 Btuh
	Latent other gain	0 Btuh
	<b>Latent total gain</b>	<b>831 Btuh</b>
	<b>TOTAL GAIN</b>	<b>10838 Btuh</b>

### EQUIPMENT

1. Central Unit	#	24000 Btuh
-----------------	---	------------

\*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



Version 8  
For Florida residences only

# System Sizing Calculations - Summer

## Residential Load - Whole House Component Details

Debra and Braulio Peruyero  
13534 S W Tustnuggee Ave  
Fort White, FL

Project Title:  
Peruyero

Code Only  
Professional Version  
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

2/11/2008

### Component Loads for Whole House

Window	Type*	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded		Unshaded
1	1, Clear, 1 27, B-M, N,N	N	6ft.	8ft.	80.0	0.0	80.0	29	29	2341 Btuh
2	1, Clear, 1 27, B-M, N,N	W	2ft.	5ft.	6.0	0.0	6.0	29	70	422 Btuh
3	1, Clear, 1 27, B-M, N,N	W	2ft.	5ft.	9.0	0.0	9.0	29	70	634 Btuh
Window Total					95 (sqft)					3397 Btuh
Walls	Type	R-Value/U-Value			Area(sqft)		HTM		Load	
1	Frame - Wood - Ext	11.0/0.09			852.0		2.5		2110 Btuh	
Wall Total					852 (sqft)				2110 Btuh	
Doors	Type	R-Value/U-Value			Area (sqft)		HTM		Load	
1	Insulated - Exterior				21.0		9.8		206 Btuh	
Door Total					21 (sqft)				206 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)		HTM		Load	
1	Vented Attic/DarkShingle	19.0			720.0		2.5		1835 Btuh	
Ceiling Total					720 (sqft)				1835 Btuh	
Floors	Type	R-Value			Size		HTM		Load	
1	Slab On Grade	0.0			108 (ft(p))		0.0		0 Btuh	
Floor Total					108.0 (sqft)				0 Btuh	
Envelope Subtotal:									7547 Btuh	
Infiltration	Type	ACH			Volume(cuft) wall area(sqft)		CFM=		Load	
	SensibleNatural	0.15			6480 852		34.6		301 Btuh	
Internal gain	Occupants	Btuh/occupant			Appliance		Load		Load	
	0	X 230 +			1200				1200 Btuh	
Sensible Envelope Load:									9049 Btuh	
Duct load	(DGM of 0.106)								959 Btuh	
Sensible Load All Zones									10007 Btuh	



# Manual J Winter Calculations

## Residential Load - Component Details (continued)

Debra and Braulio Peruyero  
13534 S W Tustenuggee Ave  
Fort White, FL

Project Title:  
Peruyero

Code Only  
Professional Version  
Climate: North

2/11/2008



1. Electric Heat Pump	#	24000 Btuh
-----------------------	---	------------

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)  
(Frame types - metal, wood or insulated metal)  
(U - Window U-Factor or 'DEF' for default)  
(HTM - Manual J Heat Transfer Multiplier)

Key: Floor size (perimeter/p) for slab-on-grade or area for all other floor types )



Version 8  
For Florida residences only

# System Sizing Calculations - Winter

## Residential Load - Room by Room Component Details

Debra and Braulio Peruyero  
13534 S W Tustenuggee Ave  
Fort White, FL

Project Title:  
Peruyero

Code Only  
Professional Version  
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

2/11/2008

### Component Load by Zone - Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	1, Clear, Metal, 1.27	N	80.0	47.0	3759 Btuh
2	1, Clear, Metal, 1.27	W	6.0	47.0	282 Btuh
3	1, Clear, Metal, 1.27	W	9.0	47.0	423 Btuh
Window Total			95(sqft)		4464 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	11.0	852	3.5	2991 Btuh
Wall Total			852		2991 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		21	12.9	272 Btuh
Door Total			21		272 Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	19.0	720	1.8	1306 Btuh
Ceiling Total			720		1306 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	108 0 ft(p)	43.7	4715 Btuh
Floor Total			108		4715 Btuh
Zone Envelope Subtotal:					13748 Btuh
Infiltration	Type	ACH X Volume(cuft) walls(sqft)	CFM=		
	Natural	0.32 6480 852	34.6		1400 Btuh
Ductload	Average sealed, Supply(R6.6-Attic), Return(R6.6-Cond) (DLM of 0.084)				970 Btuh
Zone #1	Sensible Zone Subtotal				16117 Btuh

### WHOLE HOUSE TOTALS

	Subtotal Sensible	16117 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	16117 Btuh

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name:	Peruyero	Builder:	DBD
Address:	13534 S W Tustenuggee Ave	Permitting Office:	
City, State:	Fort White, FL	Permit Number:	
Owner:	Debra and Braulio Peruyero	Jurisdiction Number:	
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 24.0 kBtu/hr SEER: 13.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	1	c. N/A	
5. Is this a worst case?	No		
6. Conditioned floor area (ft <sup>2</sup> )	720 ft <sup>2</sup>	13. Heating systems	
7. Glass type <sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default)		a. Electric Heat Pump	Cap: 24.0 kBtu/hr HSPF: 8.30
a. U-factor:	Description Area	b. N/A	
(or Single or Double DEFAULT) 7a (Single Default)	95.0 ft <sup>2</sup>	c. N/A	
b. SHGC:			
(or Clear or Tint DEFAULT) 7b. (Clear)	95.0 ft <sup>2</sup>	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 52.0 gallons EF: 0.95
a. Slab-On-Grade Edge Insulation	R=0.0, 108.0(p) ft	b. N/A	
b. N/A		c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
9. Wall types		DHP-Dedicated heat pump)	
a. Frame, Wood, Exterior	R=11.0, 852.0 ft <sup>2</sup>	15. HVAC credits	
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
d. N/A		PT-Programmable Thermostat,	
e. N/A		MZ-C-Multizone cooling,	
10. Ceiling types		MZ-H-Multizone heating)	
a. Under Attic	R=19.0, 720.0 ft <sup>2</sup>		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.6, 50.0 ft		
b. N/A			

Glass/Floor Area: 0.13

Total as-built points: 9338

Total base points: 9878

**PASS**

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

PREPARED BY: Jan E. E. E.DATE: 2-8-08

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: \_\_\_\_\_

<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.



# Manual J Winter Calculations

## Residential Load - Component Details (continued)

Debra and Braulio Peruyero  
13534 S W Tustenuggee Ave  
Fort White, FL

Project Title:  
Peruyero

Code Only  
Professional Version  
Climate: North

2/11/2008



1. Electric Heat Pump	#	24000 Btuh
-----------------------	---	------------

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)  
(Frame types - metal, wood or insulated metal)  
(U - Window U-Factor or 'DEF' for default)  
(HTM - Manual J Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types )



Version 8  
For Florida residences only

# System Sizing Calculations - Winter

## Residential Load - Whole House Component Details

Debra and Braulio Peruyero  
13534 S W Tustenuggee Ave  
Fort White, FL

Project Title:  
Peruyero

Code Only  
Professional Version  
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

2/11/2008

### Component Load for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	1. Clear, Metal, 1.27	N	80.0		47.0	3759 Btuh
2	1. Clear, Metal, 1.27	W	6.0		47.0	282 Btuh
3	1. Clear, Metal, 1.27	W	9.0		47.0	423 Btuh
Window Total			95(sqft)			4464 Btuh
Walls	Type	R-Value	Area X		HTM=	Load
1	Frame - Wood - Ext(0.09)	11.0	852		3.5	2991 Btuh
Wall Total			852			2991 Btuh
Doors	Type		Area X		HTM=	Load
1	Insulated - Exterior		21		12.9	272 Btuh
Door Total			21			272 Btuh
Ceilings	Type/Color/Surface	R-Value	Area X		HTM=	Load
1	Vented Attic/D/Shin	19.0	720		1.8	1306 Btuh
Ceiling Total			720			1306 Btuh
Floors	Type	R-Value	Size X		HTM=	Load
1	Slab On Grade	0	108.0 ft(p)		43.7	4715 Btuh
Floor Total			108			4715 Btuh
Envelope Subtotal:						13748 Btuh
Infiltration	Type	ACH X Volume(cuft)	walls(sqft)		CFM=	Load
	Natural	0.32	6480	852	34.6	1400 Btuh
Ductload					(DLM of 0.064)	970 Btuh
All Zones	Sensible Subtotal All Zones					16117 Btuh

### WHOLE HOUSE TOTALS

Subtotal Sensible	16117 Btuh
Ventilation Sensible	0 Btuh
Total Btuh Loss	16117 Btuh

# Residential System Sizing Calculation

## Summary

Debra and Braulio Peruyero  
13534 S W Tustenuggee Ave  
Fort White, FL

Project Title:  
Peruyero

Code Only  
Professional Version  
Climate: North

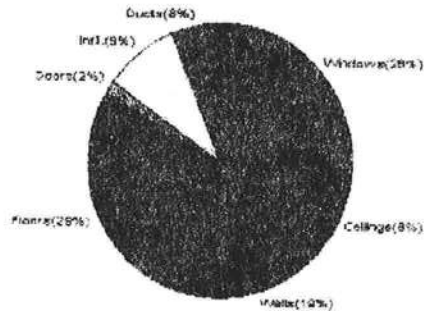
2/11/2008

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
<b>Total heating load calculation</b>	<b>16117 Btuh</b>	<b>Total cooling load calculation</b>	<b>10838 Btuh</b>
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	148.9 24000	Sensible (SHR = 0.75)	179.9 18000
Heat Pump + Auxiliary(0.0kW)	148.9 24000	Latent	722.2 6000
		Total (Electric Heat Pump)	221.4 24000

## WINTER CALCULATIONS

Winter Heating Load (for 720 sqft)

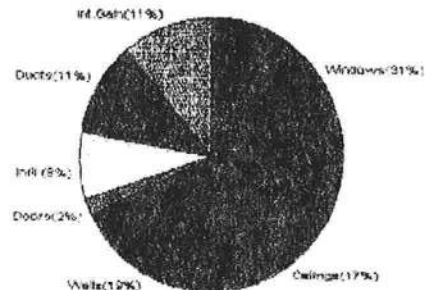
Load component		Load
Window total	95 sqft	4464 Btuh
Wall total	352 sqft	2991 Btuh
Door total	21 sqft	272 Btuh
Ceiling total	720 sqft	1306 Btuh
Floor total	106 sqft	4715 Btuh
Infiltration	35 cfm	1400 Btuh
Duct loss		970 Btuh
<b>Subtotal</b>		<b>16117 Btuh</b>
Ventilation	0 cfm	0 Btuh
<b>TOTAL HEAT LOSS</b>		<b>16117 Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 720 sqft)

Load component		Load
Window total	95 sqft	3397 Btuh
Wall total	352 sqft	2110 Btuh
Door total	21 sqft	206 Btuh
Ceiling total	720 sqft	1835 Btuh
Floor total		0 Btuh
Infiltration	16 cfm	301 Btuh
Internal gain		1200 Btuh
Duct gain		959 Btuh
Sens. Ventilation	0 cfm	0 Btuh
<b>Total sensible gain</b>		<b>10007 Btuh</b>
Latent gain(ducts)		239 Btuh
Latent gain(infiltration)		592 Btuh
Latent gain(ventilation)		0 Btuh
Latent gain(internal/occupants/other)		0 Btuh
<b>Total latent gain</b>		<b>831 Btuh</b>
<b>TOTAL HEAT GAIN</b>		<b>10838 Btuh</b>



Version 8  
For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: \_\_\_\_\_

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

EnergyGauge® FLRCPB v4.5.2





P.O. Box 285 Trenton, FL 32693 352-463-8857  
www.tchdesigns.com tchdesigns@gmail.com

# COLUMBIA COUNTY INSPECTION SHEET

DATE 11/19/2008 TAKEN BY GP INSPECTION DATE: 11/20/08

BUILDING PERMIT # 000026854 CULVERT / WAIVER PERMIT # \_\_\_\_\_ WAIVER \_\_\_\_\_

PARCEL ID # 19-6S-17-09699-001 ZONING AG-3

TYPE OF DEVELOPMENT POOL HOUSE, UTILIT

SETBACKS: FRONT 30.00 REAR 25.00 SIDE 25.00 HEIGHT 15.00

FLOOD ZONE X SEPTIC 08-0082 NO. EXISTING D.U. 1

SUBDIVISION \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_

OWNER DEBRA & BRAVLIO PERUYERO PHONE \_\_\_\_\_

ADDRESS 13534 SW TUSTENUGGEE AVE FORT WHITE FL 32038

CONTRACTOR CHRISTOPHER LUKE PHONE 352-213-4448

LOCATION 441 S, R 131, GO APPROX. 8 MILES ON THE RIGHT (BRICK SFD)

WITH POOL IN THE REAR

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, NOC ON FILE

ACCESSORY USE

## INSPECTION(S) REQUESTED:

☐ Temp Power ☐ Foundation 04/02/2008 HD ☐ Set backs 04/02/2008 HD  
☐ Mono Slab ☐ Under Slab Rough-in 04/09/2008 JK ☐ Slab 04/11/2008 WR  
☐ Sheathing/Nailing 04/22/08 ☐ Framing 05/08/2008 WR ☐ Other \_\_\_\_\_  
☐ Above slab Rou. ☐ Electrical Rough-in 05/08/2008 WR  
☐ Heat & A/C 05/08/2008 ☐ Perm Power \_\_\_\_\_  
☒ CO Final OK ☐ Culvert ☐ Reconnection \_\_\_\_\_  
☐ Pool ☐ MH Perm Power \_\_\_\_\_ ☐ Utility Pole \_\_\_\_\_  
☐ RV Power ☐ Re-Roof \_\_\_\_\_ ☐ MH Pole \_\_\_\_\_

Waiting on  
 EH before  
 releasing  
 CO COPY  
 to EH

## INSPECTORS:

APPROVED ☒ NOT APPROVED \_\_\_\_\_ BY 303 POWER CO. CLAY

INSPECTORS COMMENTS: \_\_\_\_\_

EH left message  
w/Chris 11/20/08



# COLUMBIA COUNTY FLORIDA

## 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 19-6S-17-09699-001

Building permit No. 000026854

Use Classification POOL HOUSE, UTILIT

Fire: 0.00

Permit Holder CHRISTOPHER LUKE

Waste:           

Owner of Building DEBRA & BRAVLIO PERUYERO

Total: 0.00

Location: 13534 SW TUSTENUGGEE AVE., FT. WHITE, FL

Date: 11/21/2008

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)



*Wayne A. Luke*



Inspector's Copy

A★I



A-1

# Pest Control



A-1

P. O. Box 238 • Trenton, Florida 32693

(352) 463-2469

Customer Account Number 213-4448

Customer Name Dream Builders / Debra & David Perung

Street Address 13534 SW TIDENUGGET AL

City and State FOOT WHITE, FL 32038

Date 4/11/08 ☐ Cash ☐ Check ☒ Charge ☐ On Account

Type of Service Rendered	Charge	Balance
<u>Term Treatment</u>		
<u>922 SQ. FT.</u>		
Florida Sales Tax		
<u>9:01 am</u> <b>Balance Due</b>		

Chemical CYPER T.C.

Comments \_\_\_\_\_

Technician's Signature: \_\_\_\_\_

Customer's Signature: \_\_\_\_\_

PLEASE PAY FROM THIS INVOICE