

225-

23623

# Notice of Treatment

9455

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

Address: BAYLA AVE

City: Lake City Phone: 752/1103

Site Location: Subdivision N/A

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

Address 143 CASEY GL

| Product used                                 | Active Ingredient                | % Concentration |
|--|----------------------------------|-----------------|
| <input type="checkbox"/> Dursban TC          | Chlorpyrifos                     | 0.5%            |
| <input checked="" type="checkbox"/> Termidor | Fipronil                         | 0.06%           |
| <input type="checkbox"/> Bora-Care           | Disodium Octaborate Tetrahydrate | 23.0%           |

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Addition to dwelling 1816 145 127

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

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

11/7/05  
Date

1400  
Time

James D. Gandy  
Print Technician's Name  
F254

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

\_\_\_\_\_

Applicator - White

Permit File - Canary

Permit Holder - Pink

6/04



D E 09/19/2005

# Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023623

APPLICANT AMI STEELE PHONE 754-0026  
ADDRESS 143 NW CASEY GLEN LAKE CITY FL 32055  
OWNER BRIAN & AMI STEELE PHONE 754-0026  
ADDRESS 143 NW CASEY GLEN LAKE CITY FL 32055  
CONTRACTOR OWNER BUILDER PHONE 754-0026  
LOCATION OF PROPERTY LAKE JEFFREY, TR ON LOWER SPRINGS, TR ON CASEY GLEN, HOUSE  
ON LEFT BEHIND PINE TREES, CORNER LOT

TYPE DEVELOPMENT SFD ADDITION ESTIMATED COST OF CONSTRUCTION 74000.00  
HEATED FLOOR AREA 1480.00 TOTAL AREA 1480.00 HEIGHT .00 STORIES 1  
FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB  
LAND USE & ZONING A-3 MAX. HEIGHT 18  
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 36-2S-15-00119-002 SUBDIVISION \_\_\_\_\_  
LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES \_\_\_\_\_

Culvert Permit No. \_\_\_\_\_ Culvert Waiver \_\_\_\_\_ Contractor's License Number \_\_\_\_\_ Applicant/Owner/Contractor Ami Steele  
EXISTING 05-0851-E BK Y  
Driveway Connection \_\_\_\_\_ Septic Tank Number \_\_\_\_\_ LU & Zoning checked by \_\_\_\_\_ Approved for Issuance \_\_\_\_\_ New Resident \_\_\_\_\_

COMMENTS: ONE FOOT ABOVE THE ROAD

Check # or Cash 2029

## 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 \$ 370.00 CERTIFICATION FEE \$ 7.40 SURCHARGE FEE \$ 7.40  
MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ \_\_\_\_\_ WASTE FEE \$ \_\_\_\_\_  
FLOOD ZONE DEVELOPMENT FEE \$ \_\_\_\_\_ CULVERT FEE \$ \_\_\_\_\_ TOTAL FEE 434.80

INSPECTORS OFFICE Ami Steele CLERKS OFFICE CH

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."

### This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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



## Columbia County Building Permit Application

Revised 9-23-04

CK# 2029

For Office Use Only Application # 0508-59 Date Received 8/15/05 By LH Permit # 23623  
Application Approved by - Zoning Official BLK Date 15.09.05 Plans Examiner OK JTH Date 9-9-05  
Flood Zone A Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
Comments NO NOC

~~Eff., Disclosure, Residential checklist, no specs or plans given~~  
Applicants Name Brian + Ami Steele Phone (386) 754-0026  
Address 143 NW CASEY GLEN LAKE CITY, FL 32055  
Owners Name Brian + Ami Steele Phone (386) 754-0026  
911 Address 143 NW CASEY GLEN LAKE CITY, FL 32055  
Contractors Name SELF Phone \_\_\_\_\_  
Address \_\_\_\_\_

Fee Simple Owner Name & Address \_\_\_\_\_  
Bonding Co. Name & Address \_\_\_\_\_  
Architect/Engineer Name & Address FREEMAN Design Group  
Mortgage Lenders Name & Address People's State Bank

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
Property ID Number 36-25-15-00119-002 Estimated Cost of Construction \$85,000.00  
Subdivision Name N/A Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions 8 miles west on City Road 250 to Lower Spgs Road  
North on Lower Spgs Road 1 mile to Casey Glen. Rt. on Casey  
Glen 1st Drive on Left.

Type of Construction Residential Addition Number of Existing Dwellings on Property 1  
Total Acreage 9.89 Lot Size N/A Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
Actual Distance of Structure from Property Lines - Front 349' Side 194' Side 200' Rear 200'  
Total Building Height 18' Number of Stories 1 1/2 Heated Floor Area 1480 Addition 2393 Roof Pitch 8/12

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.

OWNERS AFFIDAVIT: 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.

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

Brian K. Steele  
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
this 15 day of Aug 2005  
Personally known ✓ or Produced Identification \_\_\_\_\_

Contractor Signature \_\_\_\_\_  
Contractors License Number \_\_\_\_\_  
Competency Card Number \_\_\_\_\_  
NOTARY STAMP/SEAL

Fallon Seeling  
Notary Signature  
Bonds By Notary Public  
Commission # DD 3884 18  
My Commission Expires Jan 20, 2009  
Notary Public - State of Florida  
FALLON SEELING



## Columbia County Property Appraiser

DB Last Updated: 8/3/2005

## 2005 Proposed Values

Parcel: 36-2S-15-00119-002 HX

Tax Record

Property Card

Interactive GIS Map

Print

## Owner &amp; Property Info

Search Result: 1 of 1

|                        |   |
|------------------------|---|
| <b>Owner's Name</b>    | STEELE AMINELL L & BRIAN K  |
| <b>Site Address</b>    | CASEY   |
| <b>Mailing Address</b> | 143 NW CASEY GLEN<br>LAKE CITY, FL 32055  |
| <b>Brief Legal</b>     | COMM SE COR OF SW1/4 OF SW1/4, RUN E 375.11 FT<br>TO E R/W LOWER SPRINGS RD FOR POB, NW ALONG |

|                         |                     |
|-------------------------|---------------------|
| <b>Use Desc. (code)</b> | IMPROVED A (005000) |
| <b>Neighborhood</b>     | 36215.00            |
| <b>Tax District</b>     | 3                   |
| <b>UD Codes</b>         | MKTA01              |
| <b>Market Area</b>      | 01                  |
| <b>Total Land Area</b>  | 9.850 ACRES         |

## Property &amp; Assessment Values

|                              |          |             |
|------------------------------|----------|-------------|
| <b>Mkt Land Value</b>        | cnt: (1) | \$9,000.00  |
| <b>Ag Land Value</b>         | cnt: (1) | \$1,947.00  |
| <b>Building Value</b>        | cnt: (1) | \$57,271.00 |
| <b>XFOB Value</b>            | cnt: (1) | \$576.00    |
| <b>Total Appraised Value</b> |          | \$68,794.00 |

|                            |                        |
|----------------------------|------------------------|
| <b>Just Value</b>          | \$102,955.00           |
| <b>Class Value</b>         | \$68,794.00            |
| <b>Assessed Value</b>      | \$63,879.00            |
| <b>Exempt Value</b>        | (code: HX) \$25,000.00 |
| <b>Total Taxable Value</b> | \$38,879.00            |

## Sales History

| Sale Date | Book/Page | Inst. Type | Sale VImp | Sale Qual | Sale RCode | Sale Price  |
|-----------|-----------|------------|-----------|-----------|------------|-------------|
| 5/24/2001 | 927/1610  | WD         | V         | U         | 08         | \$21,500.00 |
| 5/10/1993 | 774/1172  | WD         | V         | U         | 02         | \$0.00      |

## Building Characteristics

| Bldg Item   | Bldg Desc           | Year Blt | Ext. Walls      | Heated S.F. | Actual S.F. | Bldg Value  |
|---|---------------------|----------|-----------------|-------------|-------------|-------------|
| 1   | SINGLE FAM (000100) | 2002     | Vinyl Side (31) | 1084        | 1553        | \$57,271.00 |
| <b>Note:</b> All S.F. calculations are based on exterior building dimensions. |                     |          |                 |             |             |             |

## Extra Features &amp; Out Buildings

| Code | Desc      | Year Blt | Value    | Units   | Dims        | Condition (% Good) |
|------|-----------|----------|----------|---------|-------------|--------------------|
| 0040 | BARN,POLE | 1993     | \$576.00 | 288.000 | 12 x 24 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 | \$9,000.00 | \$9,000.00  |
| 005500   | TIMBER 2 (AG)    | 8.850 AC | 1.00/1.00/1.00/1.00 | \$220.00   | \$1,947.00  |
| 009910   | MKT.VAL.AG (MKT) | 8.850 AC | 1.00/1.00/1.00/1.00 | \$0.00     | \$36,108.00 |

Columbia County Property Appraiser

DB Last Updated: 8/3/2005

1 of 1

## DISCLOSURE STATEMENT

### FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You 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 your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

#### TYPE OF CONSTRUCTION

- ☐ Single Family Dwelling
- ☐ Farm Outbuilding
- ☐ New Construction

- ☐ Two-Family Residence
- ☐ Other Addition

☐ Addition, Alteration, Modification or other Improvement

#### NEW CONSTRUCTION OR IMPROVEMENT

I Brian Steele, 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 ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number \_\_\_\_\_

B. K. Steele

Signature

Date

#### FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date \_\_\_\_\_ Building Official/Representative \_\_\_\_\_

## **Construction Details**

### **Exterior:**

Siding: Vinyl siding to match existing on top 2/3; stone on bottom 1/3 (below window line) and covering entire bedroom exterior wall and gable on front side of house (see sketch).

Back Porch: Screened

### **Interior:**

Walls: Sheetrock, finished to match existing.

Crown: 4" crown to match existing

Base: 5" base to match existing

### **Flooring:**

Bathrooms: Tile floor, shower and tub surround.

Den and Bedrooms: Carpet

Doors: 5-panel massonite to match existing.

### **Cabinets:**

Bathrooms: Solid Maple, raised panel (same as existing kitchen and bathroom)

Kitchen: Kitchen Island (3'X 2') being added to match existing kitchen.

### **Landscaping:**

Fully landscaped in front.





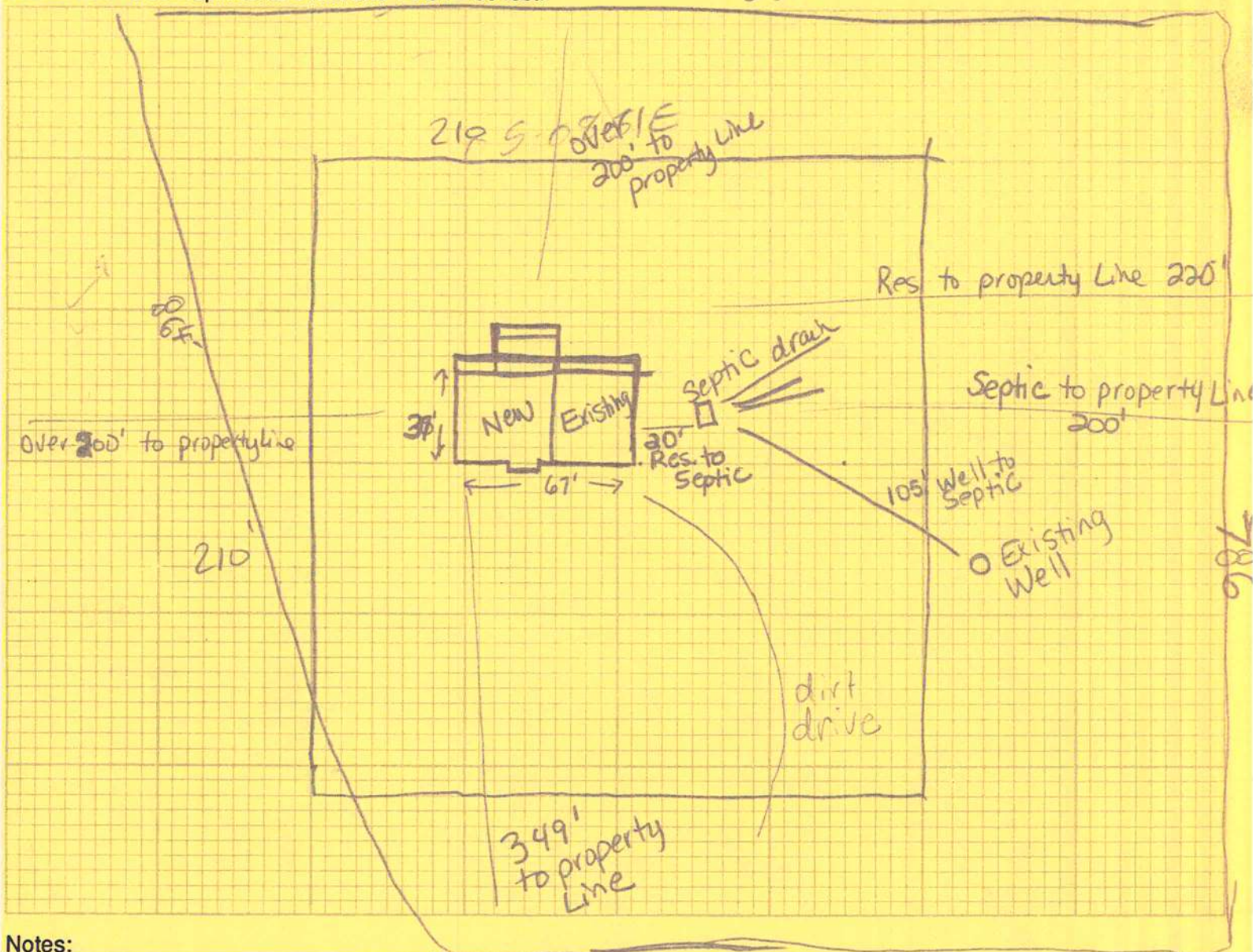
STATE OF FLORIDA  
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-0851E

PART II - SITE PLAN

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



Notes:

9.85 Acres; 1 acre shown

290

Site Plan submitted by:

X. Amisteen

Signature

Title

Plan Approved ✓

Not Approved \_\_\_\_\_

Date

8.17.05

By Ma

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

|  |   |
|--|---|
| <b>Project Name:</b> Steel Addition<br><b>Address:</b><br><b>City, State:</b> ,<br><b>Owner:</b><br><b>Climate Zone:</b> North | <b>Builder:</b><br><b>Permitting Office:</b><br><b>Permit Number:</b> 23623<br><b>Jurisdiction Number:</b> 221000 |
|--|---|

|   |                                  |                          |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
|---|----------------------------------|--------------------------|--------------------------|--------------------------|-----------------|---------------------|---------------------|--------------------------|----------------------|---------------------|---------------------|--------------------------|----------------------------------|--------------------|--------------------------|--------|--|--------------------------|--------|--|--------------------------|--------------------------|--------------------------------|--------------------------|--------|--|--------------------------|--------|--|--------------------------|--------|--|--------------------------|--------|--|--------------------------|----------------|--------------------------------|--------------------------|--------|--|--------------------------|--------|--|--------------------------|-------------------------------------|---------------------|--------------------------|--------|--|--------------------------|--|-----------------|-------------------|--------------------------|--|-------------|--------------------------|--------|--|--------------------------|--------|--|--------------------------|-----------------------|-------------------|--------------------------|--|------------|--------------------------|--------|--|--------------------------|--------|--|--------------------------|------------------------|-------------------|--------------------------|--|----------|--------------------------|--------|--|--------------------------|-------------------------|--|--------------------------|--------------------------|--|--|--------------------------|--|--|--|--------------------------|---------------------|--------------------------|-----------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|
| <ol style="list-style-type: none"> <li>1. New construction or existing <span style="float: right;">New</span> <input type="checkbox"/></li> <li>2. Single family or multi-family <span style="float: right;">Single family</span> <input type="checkbox"/></li> <li>3. Number of units, if multi-family <span style="float: right;">1</span> <input type="checkbox"/></li> <li>4. Number of Bedrooms <span style="float: right;">3</span> <input type="checkbox"/></li> <li>5. Is this a worst case? <span style="float: right;">No</span> <input type="checkbox"/></li> <li>6. Conditioned floor area (ft<sup>2</sup>) <span style="float: right;">1480 ft<sup>2</sup></span> <input type="checkbox"/></li> <li>7. Glass area &amp; type <span style="float: right;">Single Pane Double Pane</span> <input type="checkbox"/></li> <li> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Clear glass, default U-factor</td> <td style="width: 20%;">0.0 ft<sup>2</sup></td> <td style="width: 20%;">153.1 ft<sup>2</sup></td> <td style="width: 30%;"><input type="checkbox"/></td> </tr> <tr> <td>b. Default tint</td> <td>0.0 ft<sup>2</sup></td> <td>0.0 ft<sup>2</sup></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. Labeled U or SHGC</td> <td>0.0 ft<sup>2</sup></td> <td>0.0 ft<sup>2</sup></td> <td><input type="checkbox"/></td> </tr> </table> </li> <li>8. Floor types <input type="checkbox"/></li> <li> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 20%;">R=0.0, 144.8(p) ft</td> <td style="width: 30%;"><input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> </table> </li> <li>9. Wall types <input type="checkbox"/></li> <li> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Frame, Wood, Exterior</td> <td style="width: 20%;">R=13.0, 1158.4 ft<sup>2</sup></td> <td style="width: 30%;"><input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>d. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>e. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> </table> </li> <li>10. Ceiling types <input type="checkbox"/></li> <li> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Under Attic</td> <td style="width: 20%;">R=30.0, 1628.0 ft<sup>2</sup></td> <td style="width: 30%;"><input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> </table> </li> <li>11. Ducts <input type="checkbox"/></li> <li> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Sup: Unc. Ret: Unc. AH: Interior</td> <td style="width: 20%;">Sup. R=6.0, 69.0 ft</td> <td style="width: 30%;"><input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> </table> </li> </ol> | a. Clear glass, default U-factor | 0.0 ft <sup>2</sup>      | 153.1 ft <sup>2</sup>    | <input type="checkbox"/> | b. Default tint | 0.0 ft <sup>2</sup> | 0.0 ft <sup>2</sup> | <input type="checkbox"/> | c. Labeled U or SHGC | 0.0 ft <sup>2</sup> | 0.0 ft <sup>2</sup> | <input type="checkbox"/> | a. Slab-On-Grade Edge Insulation | R=0.0, 144.8(p) ft | <input type="checkbox"/> | b. N/A |  | <input type="checkbox"/> | c. N/A |  | <input type="checkbox"/> | a. Frame, Wood, Exterior | R=13.0, 1158.4 ft <sup>2</sup> | <input type="checkbox"/> | b. N/A |  | <input type="checkbox"/> | c. N/A |  | <input type="checkbox"/> | d. N/A |  | <input type="checkbox"/> | e. N/A |  | <input type="checkbox"/> | a. Under Attic | R=30.0, 1628.0 ft <sup>2</sup> | <input type="checkbox"/> | b. N/A |  | <input type="checkbox"/> | c. N/A |  | <input type="checkbox"/> | a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=6.0, 69.0 ft | <input type="checkbox"/> | b. N/A |  | <input type="checkbox"/> | <ol style="list-style-type: none"> <li>12. Cooling systems <input type="checkbox"/></li> <li> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Central Unit</td> <td style="width: 20%;">Cap: 36.0 kBtu/hr</td> <td style="width: 30%;"><input type="checkbox"/></td> </tr> <tr> <td></td> <td>SEER: 12.00</td> <td><input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> </table> </li> <li>13. Heating systems <input type="checkbox"/></li> <li> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Electric Heat Pump</td> <td style="width: 20%;">Cap: 36.0 kBtu/hr</td> <td style="width: 30%;"><input type="checkbox"/></td> </tr> <tr> <td></td> <td>HSPF: 7.40</td> <td><input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> </table> </li> <li>14. Hot water systems <input type="checkbox"/></li> <li> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Electric Resistance</td> <td style="width: 20%;">Cap: 50.0 gallons</td> <td style="width: 30%;"><input type="checkbox"/></td> </tr> <tr> <td></td> <td>EF: 0.90</td> <td><input type="checkbox"/></td> </tr> <tr> <td>b. N/A</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>c. Conservation credits</td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="3">(HR-Heat recovery, Solar</td> </tr> <tr> <td colspan="3">DHP-Dedicated heat pump)</td> </tr> </table> </li> <li>15. HVAC credits <span style="float: right;">PT, CF, <input type="checkbox"/></span></li> <li> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">(CF-Ceiling fan, CV-Cross ventilation,</td> <td style="width: 30%;"><input type="checkbox"/></td> </tr> <tr> <td>HF-Whole house fan,</td> <td><input type="checkbox"/></td> </tr> <tr> <td>PT-Programmable Thermostat,</td> <td><input type="checkbox"/></td> </tr> <tr> <td>MZ-C-Multizone cooling,</td> <td><input type="checkbox"/></td> </tr> <tr> <td>MZ-H-Multizone heating)</td> <td><input type="checkbox"/></td> </tr> </table> </li> </ol> | a. Central Unit | Cap: 36.0 kBtu/hr | <input type="checkbox"/> |  | SEER: 12.00 | <input type="checkbox"/> | b. N/A |  | <input type="checkbox"/> | c. N/A |  | <input type="checkbox"/> | a. Electric Heat Pump | Cap: 36.0 kBtu/hr | <input type="checkbox"/> |  | HSPF: 7.40 | <input type="checkbox"/> | b. N/A |  | <input type="checkbox"/> | c. N/A |  | <input type="checkbox"/> | a. Electric Resistance | Cap: 50.0 gallons | <input type="checkbox"/> |  | EF: 0.90 | <input type="checkbox"/> | b. N/A |  | <input type="checkbox"/> | c. Conservation credits |  | <input type="checkbox"/> | (HR-Heat recovery, Solar |  |  | DHP-Dedicated heat pump) |  |  | (CF-Ceiling fan, CV-Cross ventilation, | <input type="checkbox"/> | HF-Whole house fan, | <input type="checkbox"/> | PT-Programmable Thermostat, | <input type="checkbox"/> | MZ-C-Multizone cooling, | <input type="checkbox"/> | MZ-H-Multizone heating) | <input type="checkbox"/> |
| a. Clear glass, default U-factor  | 0.0 ft <sup>2</sup>              | 153.1 ft <sup>2</sup>    | <input type="checkbox"/> |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| b. Default tint   | 0.0 ft <sup>2</sup>              | 0.0 ft <sup>2</sup>      | <input type="checkbox"/> |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| c. Labeled U or SHGC  | 0.0 ft <sup>2</sup>              | 0.0 ft <sup>2</sup>      | <input type="checkbox"/> |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| a. Slab-On-Grade Edge Insulation  | R=0.0, 144.8(p) ft               | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| b. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| c. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| a. Frame, Wood, Exterior  | R=13.0, 1158.4 ft <sup>2</sup>   | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| b. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| c. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| d. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| e. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| a. Under Attic  | R=30.0, 1628.0 ft <sup>2</sup>   | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| b. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| c. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| a. Sup: Unc. Ret: Unc. AH: Interior   | Sup. R=6.0, 69.0 ft              | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| b. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| a. Central Unit   | Cap: 36.0 kBtu/hr                | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
|   | SEER: 12.00                      | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| b. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| c. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| a. Electric Heat Pump   | Cap: 36.0 kBtu/hr                | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
|   | HSPF: 7.40                       | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| b. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| c. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| a. Electric Resistance  | Cap: 50.0 gallons                | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
|   | EF: 0.90                         | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| b. N/A  |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| c. Conservation credits   |                                  | <input type="checkbox"/> |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| (HR-Heat recovery, Solar  |                                  |                          |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| DHP-Dedicated heat pump)  |                                  |                          |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| (CF-Ceiling fan, CV-Cross ventilation,  | <input type="checkbox"/>         |                          |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| HF-Whole house fan,   | <input type="checkbox"/>         |                          |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| PT-Programmable Thermostat,   | <input type="checkbox"/>         |                          |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| MZ-C-Multizone cooling,   | <input type="checkbox"/>         |                          |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |
| MZ-H-Multizone heating)   | <input type="checkbox"/>         |                          |                          |                          |                 |                     |                     |                          |                      |                     |                     |                          |                                  |                    |                          |        |  |                          |        |  |                          |                          |                                |                          |        |  |                          |        |  |                          |        |  |                          |        |  |                          |                |                                |                          |        |  |                          |        |  |                          |                                     |                     |                          |        |  |                          |  |                 |                   |                          |  |             |                          |        |  |                          |        |  |                          |                       |                   |                          |  |            |                          |        |  |                          |        |  |                          |                        |                   |                          |  |          |                          |        |  |                          |                         |  |                          |                          |  |  |                          |  |  |  |                          |                     |                          |                             |                          |                         |                          |                         |                          |

Glass/Floor Area: 0.10

Total as-built points: 20087

Total base points: 24700

## PASS

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

**PREPARED BY:** John A. Lee

**DATE:** 2/16/05

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



# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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.<br>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 joint members.<br>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 6-12. Switch or clearly marked circuit 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 80 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.<br>Common ceiling & floors R-11.  |       |

**WATER HEATING & CODE COMPLIANCE STATUS**

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE                  |   |            |   |        | AS-BUILT               |      |                       |   |                 |                        |                       |
|-----------------------|---|------------|---|--------|------------------------|------|-----------------------|---|-----------------|------------------------|-----------------------|
| <b>WATER HEATING</b>  |   |            |   |        |                        |      |                       |   |                 |                        |                       |
| Number of<br>Bedrooms | X | Multiplier | = | Total  | Tank<br>Volume         | EF   | Number of<br>Bedrooms | X | Tank X<br>Ratio | Multiplier X<br>Credit | = Total<br>Multiplier |
| 3                     |   | 2746.00    |   | 8238.0 | 50.0                   | 0.90 | 3                     |   | 1.00            | 2684.98                | 1.00                  |
|                       |   |            |   |        | <b>As-Built Total:</b> |      |                       |   |                 | <b>8054.9</b>          |                       |

| CODE COMPLIANCE STATUS |   |                   |   |                     |                   |                   |   |                   |   |                     |                   |
|------------------------|---|-------------------|---|---------------------|-------------------|-------------------|---|-------------------|---|---------------------|-------------------|
| BASE                   |   |                   |   |                     |                   | AS-BUILT          |   |                   |   |                     |                   |
| Cooling<br>Points      | + | Heating<br>Points | + | Hot Water<br>Points | = Total<br>Points | Cooling<br>Points | + | Heating<br>Points | + | Hot Water<br>Points | = Total<br>Points |
| 8650                   |   | 7812              |   | 8238                | 24700             | 5338              |   | 6694              |   | 8055                | 20087             |

**PASS**



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

ADDRESS: , , ,

PERMIT #:

| BASE                        |   |                   |                  | AS-BUILT                        |   |           |                                       |                     |                     |                  |
|-----------------------------|---|-------------------|------------------|---------------------------------|---|-----------|---------------------------------------|---------------------|---------------------|------------------|
| Winter Base Points: 12451.0 |   |                   |                  | Winter As-Built Points: 13156.8 |   |           |                                       |                     |                     |                  |
| Total Winter Points         | X | System Multiplier | = Heating Points | Total Component                 | X | Cap Ratio | X Duct Multiplier<br>(DM x DSM x AHU) | X System Multiplier | X Credit Multiplier | = Heating Points |
| 12451.0                     |   | 0.6274            | 7811.8           | 13156.8                         |   | 1.000     | (1.069 x 1.169 x 0.93)                | 0.461               | 0.950               | 6693.8           |
|                             |   |                   |                  | 13156.8                         |   | 1.00      | 1.162                                 | 0.461               | 0.950               | 6693.8           |

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE  |          |       |        | AS-BUILT                      |                          |               |                           |               |               |        |        |
|---|----------|-------|--------|-------------------------------|--------------------------|---------------|---------------------------|---------------|---------------|--------|--------|
| <b>GLASS TYPES</b>                              |          |       |        |                               |                          |               |                           |               |               |        |        |
| .18 X Conditioned X BWPM = Points<br>Floor Area |          |       |        | Type/SC                       | Overhang<br>Ormt Len Hgt |               | Area X WPM X WOF = Points |               |               |        |        |
| .18   | 1480.0   | 12.74 | 3393.9 | Double, Clear                 | N                        | 1.5           | 6.0                       | 45.0          | 24.58         | 1.00   | 1108.6 |
|   |          |       |        | Double, Clear                 | N                        | 1.5           | 5.5                       | 13.8          | 24.58         | 1.00   | 340.2  |
|   |          |       |        | Double, Clear                 | E                        | 1.5           | 5.5                       | 27.6          | 18.79         | 1.04   | 540.1  |
|   |          |       |        | Double, Clear                 | S                        | 1.5           | 6.0                       | 30.0          | 13.30         | 1.12   | 445.8  |
|   |          |       |        | Double, Clear                 | S                        | 1.5           | 4.0                       | 6.0           | 13.30         | 1.34   | 107.1  |
|   |          |       |        | Double, Clear                 | S                        | 1.5           | 6.0                       | 9.5           | 13.30         | 1.12   | 141.2  |
|   |          |       |        | Double, Clear                 | S                        | 1.5           | 3.4                       | 5.2           | 13.30         | 1.49   | 103.1  |
|   |          |       |        | Double, Clear                 | W                        | 1.5           | 5.0                       | 16.0          | 20.73         | 1.03   | 343.2  |
|   |          |       |        | <b>As-Built Total:</b>        |                          |               |                           | <b>153.1</b>  | <b>3129.3</b> |        |        |
| <b>WALL TYPES</b> Area X BWPM = Points          |          |       |        | Type                          | R-Value                  |               | Area X WPM = Points       |               |               |        |        |
| Adjacent  | 0.0      | 0.00  | 0.0    | Frame, Wood, Exterior         | 13.0                     |               | 1158.4                    | 3.40          |               | 3938.6 |        |
| Exterior  | 1158.4   | 3.70  | 4286.1 |                               |                          |               |                           |               |               |        |        |
| <b>Base Total:</b>                              |          |       |        | <b>1158.4</b>                 |                          | <b>4286.1</b> |                           |               |               |        |        |
|   |          |       |        | <b>As-Built Total:</b>        |                          | <b>1158.4</b> |                           | <b>3938.6</b> |               |        |        |
| <b>DOOR TYPES</b> Area X BWPM = Points          |          |       |        | Type                          | R-Value                  |               | Area X WPM = Points       |               |               |        |        |
| Adjacent  | 0.0      | 0.00  | 0.0    | Exterior Insulated            |                          |               | 20.4                      | 8.40          |               | 171.4  |        |
| Exterior  | 107.4    | 12.30 | 1321.5 | Exterior Insulated            |                          |               | 19.0                      | 8.40          |               | 159.9  |        |
|   |          |       |        | Exterior Insulated            |                          |               | 68.0                      | 8.40          |               | 571.2  |        |
| <b>Base Total:</b>                              |          |       |        | <b>107.4</b>                  |                          | <b>1321.5</b> |                           |               |               |        |        |
|   |          |       |        | <b>As-Built Total:</b>        |                          | <b>107.4</b>  |                           | <b>902.5</b>  |               |        |        |
| <b>CEILING TYPES</b> Area X BWPM = Points       |          |       |        | Type                          | R-Value                  |               | Area X WPM X WCM = Points |               |               |        |        |
| Under Attic                                     | 1480.0   | 2.05  | 3034.0 | Under Attic                   | 30.0                     |               | 1628.0                    | 2.05 X 1.00   |               | 3337.4 |        |
| <b>Base Total:</b>                              |          |       |        | <b>1480.0</b>                 |                          | <b>3034.0</b> |                           |               |               |        |        |
|   |          |       |        | <b>As-Built Total:</b>        |                          | <b>1628.0</b> |                           | <b>3337.4</b> |               |        |        |
| <b>FLOOR TYPES</b> Area X BWPM = Points         |          |       |        | Type                          | R-Value                  |               | Area X WPM = Points       |               |               |        |        |
| Slab  | 144.8(p) | 8.9   | 1288.7 | Slab-On-Grade Edge Insulation | 0.0                      |               | 144.8(p)                  | 18.80         |               | 2722.2 |        |
| Raised  | 0.0      | 0.00  | 0.0    |                               |                          |               |                           |               |               |        |        |
| <b>Base Total:</b>                              |          |       |        | <b>1288.7</b>                 |                          | <b>2722.2</b> |                           |               |               |        |        |
|   |          |       |        | <b>As-Built Total:</b>        |                          | <b>144.8</b>  |                           | <b>2722.2</b> |               |        |        |
| <b>INFILTRATION</b> Area X BWPM = Points        |          |       |        | Area X WPM = Points           |                          |               |                           |               |               |        |        |
| 1480.0 -0.59 -873.2                             |          |       |        | 1480.0 -0.59 -873.2           |                          |               |                           |               |               |        |        |



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

ADDRESS: , , ,

PERMIT #:

| BASE                        |   |                   |                  | AS-BUILT                        |   |           |                                    |                     |                     |                  |
|-----------------------------|---|-------------------|------------------|---------------------------------|---|-----------|------------------------------------|---------------------|---------------------|------------------|
| Summer Base Points: 20276.9 |   |                   |                  | Summer As-Built Points: 18278.9 |   |           |                                    |                     |                     |                  |
| Total Summer Points         | X | System Multiplier | = Cooling Points | Total Component                 | X | Cap Ratio | X Duct Multiplier (DM x DSM x AHU) | X System Multiplier | X Credit Multiplier | = Cooling Points |
| 20276.9                     |   | 0.4266            | 8650.1           | 18278.9                         |   | 1.000     | (1.090 x 1.147 x 0.91)             | 0.284               | 0.902               | 5338.1           |
| 20276.9                     |   | 0.4266            | 8650.1           | 18278.9                         |   | 1.00      | 1.138                              | 0.284               | 0.902               | 5338.1           |

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE  |          |       |         | AS-BUILT                      |                         |                        |                           |                        |       |                           |        |
|---|----------|-------|---------|-------------------------------|-------------------------|------------------------|---------------------------|------------------------|-------|---------------------------|--------|
| <b>GLASS TYPES</b>                              |          |       |         |                               |                         |                        |                           |                        |       |                           |        |
| .18 X Conditioned X BSPM = Points<br>Floor Area |          |       |         | Type/SC                       | Overhang<br>Omt Len Hgt |                        | Area X SPM X SOF = Points |                        |       |                           |        |
| .18   | 1480.0   | 20.04 | 5338.7  | Double, Clear                 | N                       | 1.5                    | 6.0                       | 45.0                   | 19.20 | 0.94                      | 811.0  |
|   |          |       |         | Double, Clear                 | N                       | 1.5                    | 5.5                       | 13.8                   | 19.20 | 0.93                      | 245.9  |
|   |          |       |         | Double, Clear                 | E                       | 1.5                    | 5.5                       | 27.6                   | 42.06 | 0.90                      | 1040.5 |
|   |          |       |         | Double, Clear                 | S                       | 1.5                    | 6.0                       | 30.0                   | 35.87 | 0.86                      | 921.2  |
|   |          |       |         | Double, Clear                 | S                       | 1.5                    | 4.0                       | 6.0                    | 35.87 | 0.74                      | 159.4  |
|   |          |       |         | Double, Clear                 | S                       | 1.5                    | 6.0                       | 9.5                    | 35.87 | 0.86                      | 291.7  |
|   |          |       |         | Double, Clear                 | S                       | 1.5                    | 3.4                       | 5.2                    | 35.87 | 0.70                      | 129.9  |
|   |          |       |         | Double, Clear                 | W                       | 1.5                    | 5.0                       | 16.0                   | 38.52 | 0.88                      | 539.7  |
|   |          |       |         | <b>As-Built Total:</b>        |                         |                        | <b>153.1</b>              |                        |       | <b>4139.4</b>             |        |
| <b>WALL TYPES</b>                               |          |       |         | Area X BSPM = Points          |                         | Type                   |                           | R-Value                |       | Area X SPM = Points       |        |
| Adjacent  | 0.0      | 0.00  | 0.0     | Frame, Wood, Exterior         |                         | 13.0                   |                           | 1158.4                 |       | 1.50 1737.6               |        |
| Exterior  | 1158.4   | 1.70  | 1969.3  |                               |                         |                        |                           |                        |       |                           |        |
| <b>Base Total:</b>                              |          |       |         | <b>1158.4</b>                 |                         | <b>1969.3</b>          |                           | <b>As-Built Total:</b> |       | <b>1158.4 1737.6</b>      |        |
| <b>DOOR TYPES</b>                               |          |       |         | Area X BSPM = Points          |                         | Type                   |                           | Area X SPM = Points    |       |                           |        |
| Adjacent  | 0.0      | 0.00  | 0.0     | Exterior Insulated            |                         | 20.4                   |                           | 4.10                   |       | 83.6                      |        |
| Exterior  | 107.4    | 6.10  | 655.4   | Exterior Insulated            |                         | 19.0                   |                           | 4.10                   |       | 78.1                      |        |
|   |          |       |         | Exterior Insulated            |                         | 68.0                   |                           | 4.10                   |       | 278.8                     |        |
| <b>Base Total:</b>                              |          |       |         | <b>107.4</b>                  |                         | <b>655.4</b>           |                           | <b>As-Built Total:</b> |       | <b>107.4 440.5</b>        |        |
| <b>CEILING TYPES</b>                            |          |       |         | Area X BSPM = Points          |                         | Type                   |                           | R-Value                |       | Area X SPM X SCM = Points |        |
| Under Attic                                     | 1480.0   | 1.73  | 2560.4  | Under Attic                   |                         | 30.0                   |                           | 1628.0                 |       | 1.73 X 1.00 2816.4        |        |
| <b>Base Total:</b>                              |          |       |         | <b>1480.0</b>                 |                         | <b>2560.4</b>          |                           | <b>As-Built Total:</b> |       | <b>1628.0 2816.4</b>      |        |
| <b>FLOOR TYPES</b>                              |          |       |         | Area X BSPM = Points          |                         | Type                   |                           | R-Value                |       | Area X SPM = Points       |        |
| Slab  | 144.8(p) | -37.0 | -5357.6 | Slab-On-Grade Edge Insulation |                         | 0.0                    |                           | 144.8(p)               |       | -41.20 -5965.8            |        |
| Raised  | 0.0      | 0.00  | 0.0     |                               |                         |                        |                           |                        |       |                           |        |
| <b>Base Total:</b>                              |          |       |         | <b>-5357.6</b>                |                         | <b>As-Built Total:</b> |                           | <b>144.8</b>           |       | <b>-5965.8</b>            |        |
| <b>INFILTRATION</b>                             |          |       |         | Area X BSPM = Points          |                         |                        |                           | Area X SPM = Points    |       |                           |        |
|   |          |       |         | 1480.0 10.21 15110.8          |                         |                        |                           | 1480.0 10.21           |       | 15110.8                   |        |



# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

**ESTIMATED ENERGY PERFORMANCE SCORE\* = 86.2**

**The higher the score, the more efficient the home.**

|  |                                |                       |  |                   |
|--|--------------------------------|-----------------------|--|-------------------|
| 1. New construction or existing              | New                            | ___                   | 12. Cooling systems                    |                   |
| 2. Single family or multi-family             | Single family                  | ___                   | a. Central Unit                        | Cap: 36.0 kBtu/hr |
| 3. Number of units, if multi-family          | 1                              | ___                   |  | SEER: 12.00       |
| 4. Number of Bedrooms                        | 3                              | ___                   | b. N/A                                 | ___               |
| 5. Is this a worst case?                     | No                             | ___                   | c. N/A                                 | ___               |
| 6. Conditioned floor area (ft <sup>2</sup> ) | 1480 ft <sup>2</sup>           | ___                   |  | ___               |
| 7. Glass area & type                         | Single Pane                    | Double Pane           | 13. Heating systems                    |                   |
| a. Clear - single pane                       | 0.0 ft <sup>2</sup>            | 153.1 ft <sup>2</sup> | a. Electric Heat Pump                  | Cap: 36.0 kBtu/hr |
| b. Clear - double pane                       | 0.0 ft <sup>2</sup>            | 0.0 ft <sup>2</sup>   |  | HSPF: 7.40        |
| c. Tint/other SHGC - single pane             | 0.0 ft <sup>2</sup>            | 0.0 ft <sup>2</sup>   | b. N/A                                 | ___               |
| d. Tint/other SHGC - double pane             |                                |                       | c. N/A                                 | ___               |
| 8. Floor types                               |                                |                       |  | ___               |
| a. Slab-On-Grade Edge Insulation             | R=0.0, 144.8(p) ft             | ___                   | 14. Hot water systems                  |                   |
| b. N/A                                       |                                | ___                   | a. Electric Resistance                 | Cap: 50.0 gallons |
| c. N/A                                       |                                | ___                   |  | EF: 0.90          |
| 9. Wall types                                |                                |                       | b. N/A                                 | ___               |
| a. Frame, Wood, Exterior                     | R=13.0, 1158.4 ft <sup>2</sup> | ___                   | c. Conservation credits                | ___               |
| b. N/A                                       |                                | ___                   | (HR-Heat recovery, Solar               |                   |
| c. N/A                                       |                                | ___                   | DHP-Dedicated heat pump)               |                   |
| d. N/A                                       |                                | ___                   | 15. HVAC credits                       | PT, CF, ___       |
| e. N/A                                       |                                | ___                   | (CF-Ceiling fan, CV-Cross ventilation, |                   |
| 10. Ceiling types                            |                                |                       | HF-Whole house fan,                    |                   |
| a. Under Attic                               | R=30.0, 1628.0 ft <sup>2</sup> | ___                   | PT-Programmable Thermostat,            |                   |
| b. N/A                                       |                                | ___                   | MZ-C-Multizone cooling,                |                   |
| c. N/A                                       |                                | ___                   | MZ-H-Multizone heating)                |                   |
| 11. Ducts                                    |                                |                       |  |                   |
| a. Sup: Unc. Ret: Unc. AH: Interior          | Sup. R=6.0, 69.0 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<sup>TM</sup> 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 Energy Gauge<sup>®</sup> Version: FLRCPB v3.30)*

# Residential System Sizing Calculation

## Summary

Project Title:  
Steel Addition

Code Only  
Professional Version  
Climate: North

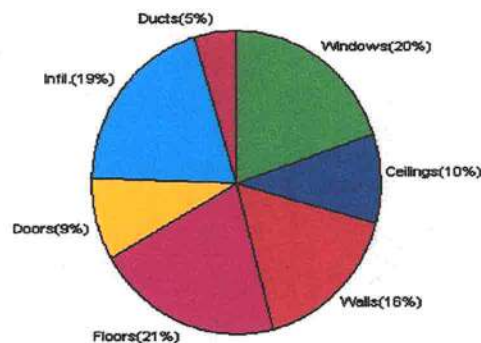
8/16/2005

|  |                   |                                       |                    |
|--|-------------------|---------------------------------------|--------------------|
| Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M) |                   |                                       |                    |
| Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)   |                   |                                       |                    |
| Winter design temperature  | 31 F              | Summer design temperature             | 98 F               |
| Winter setpoint  | 70 F              | Summer setpoint                       | 75 F               |
| Winter temperature difference  | 39 F              | Summer temperature difference         | 23 F               |
| <b>Total heating load calculation</b>  | <b>21868 Btuh</b> | <b>Total cooling load calculation</b> | <b>23180 Btuh</b>  |
| Submitted heating capacity   | % of calc Btuh    | Submitted cooling capacity            | % of calc Btuh     |
| Total (Electric Heat Pump)   | 164.6 36000       | Sensible (SHR = 0.5)                  | 95.7 18000         |
| Heat Pump + Auxiliary(0.0kW)   | 164.6 36000       | Latent                                | 411.0 18000        |
|  |                   | <b>Total (Electric Heat Pump)</b>     | <b>155.3 36000</b> |

## WINTER CALCULATIONS

Winter Heating Load (for 1480 sqft)

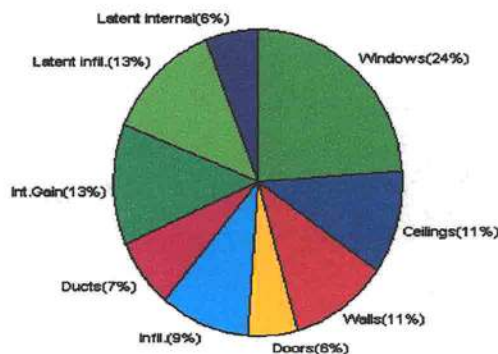
| Load component         |           | Load         |             |
|------------------------|-----------|--------------|-------------|
| Window total           | 153 sqft  | 4333         | Btuh        |
| Wall total             | 1158 sqft | 3591         | Btuh        |
| Door total             | 107 sqft  | 1969         | Btuh        |
| Ceiling total          | 1628 sqft | 2116         | Btuh        |
| Floor total            | 145 ft    | 4576         | Btuh        |
| Infiltration           | 99 cfm    | 4241         | Btuh        |
| <b>Subtotal</b>        |           | <b>20826</b> | <b>Btuh</b> |
| Duct loss              |           | 1041         | Btuh        |
| <b>TOTAL HEAT LOSS</b> |           | <b>21868</b> | <b>Btuh</b> |



## SUMMER CALCULATIONS

Summer Cooling Load (for 1480 sqft)

| Load component             |           | Load         |             |
|----------------------------|-----------|--------------|-------------|
| Window total               | 153 sqft  | 5543         | Btuh        |
| Wall total                 | 1158 sqft | 2479         | Btuh        |
| Door total                 | 107 sqft  | 1341         | Btuh        |
| Ceiling total              | 1628 sqft | 2540         | Btuh        |
| Floor total                |           | 0            | Btuh        |
| Infiltration               | 87 cfm    | 2189         | Btuh        |
| Internal gain              |           | 3000         | Btuh        |
| <b>Subtotal(sensible)</b>  |           | <b>17091</b> | <b>Btuh</b> |
| Duct gain                  |           | 1709         | Btuh        |
| <b>Total sensible gain</b> |           | <b>18800</b> | <b>Btuh</b> |
| Latent gain(infiltration)  |           | 3000         | Btuh        |
| Latent gain(internal)      |           | 1380         | Btuh        |
| <b>Total latent gain</b>   |           | <b>4380</b>  | <b>Btuh</b> |
| <b>TOTAL HEAT GAIN</b>     |           | <b>23180</b> | <b>Btuh</b> |



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: John H. Free

DATE: 8/16/05



# System Sizing Calculations - Winter

## Residential Load - Component Details

Project Title:  
Steel Addition

Code Only  
Professional Version  
Climate: North

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

8/16/2005

| Window             | Panes/SHGC/Frame/U       | Orientation | Area X          | HTM= | Load      |
|--------------------|--------------------------|-------------|-----------------|------|-----------|
| 1                  | 2, Clear, Metal, DEF     | N           | 45.0            | 28.3 | 1274 Btuh |
| 2                  | 2, Clear, Metal, DEF     | N           | 13.8            | 28.3 | 391 Btuh  |
| 3                  | 2, Clear, Metal, DEF     | E           | 27.6            | 28.3 | 781 Btuh  |
| 4                  | 2, Clear, Metal, DEF     | S           | 30.0            | 28.3 | 849 Btuh  |
| 5                  | 2, Clear, Metal, DEF     | S           | 6.0             | 28.3 | 170 Btuh  |
| 6                  | 2, Clear, Metal, DEF     | S           | 9.5             | 28.3 | 269 Btuh  |
| 7                  | 2, Clear, Metal, DEF     | S           | 5.2             | 28.3 | 147 Btuh  |
| 8                  | 2, Clear, Metal, DEF     | W           | 16.0            | 28.3 | 453 Btuh  |
| Window Total       |                          |             | 153             |      | 4333 Btuh |
| Walls              | Type                     | R-Value     | Area X          | HTM= | Load      |
| 1                  | Frame - Exterior         | 13.0        | 1158            | 3.1  | 3591 Btuh |
| Wall Total         |                          |             | 1158            |      | 3591 Btuh |
| Doors              | Type                     |             | Area X          | HTM= | Load      |
| 1                  | Insulated - Exter        |             | 20              | 18.3 | 374 Btuh  |
| 2                  | Insulated - Exter        |             | 19              | 18.3 | 349 Btuh  |
| 3                  | Insulated - Exter        |             | 68              | 18.3 | 1246 Btuh |
| Door Total         |                          |             | 107             |      | 1969Btuh  |
| Ceilings           | Type                     | R-Value     | Area X          | HTM= | Load      |
| 1                  | Under Attic              | 30.0        | 1628            | 1.3  | 2116 Btuh |
| Ceiling Total      |                          |             | 1628            |      | 2116Btuh  |
| Floors             | Type                     | R-Value     | Size X          | HTM= | Load      |
| 1                  | Slab-On-Grade Edge Insul | 0           | 144.8 ft(p)     | 31.6 | 4576 Btuh |
| Floor Total        |                          |             | 145             |      | 4576 Btuh |
| Infiltration       | Type                     | ACH X       | Building Volume | CFM= | Load      |
|                    | Natural                  | 0.40        | 14800(sqft)     | 99   | 4241 Btuh |
|                    | Mechanical               |             |                 | 0    | 0 Btuh    |
| Infiltration Total |                          |             |                 | 99   | 4241 Btuh |

|                           |   |                   |
|---------------------------|---|-------------------|
| <b>Totals for Heating</b> | <b>Subtotal</b>                                 | <b>20826 Btuh</b> |
|                           | <b>Duct Loss(using duct multiplier of 0.05)</b> | <b>1041 Btuh</b>  |
|                           | <b>Total Btuh Loss</b>                          | <b>21868 Btuh</b> |

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 - ManualJ Heat Transfer Multiplier)

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

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Project Title:  
Steel Addition

Code Only  
Professional Version  
Climate: North

8/16/2005

|                           |  |                   |
|---------------------------|--|-------------------|
| <b>Totals for Cooling</b> | <b>Subtotal</b>  | <b>17091 Btuh</b> |
|                           | <b>Duct gain(using duct multiplier of 0.10)</b>                  | <b>1709 Btuh</b>  |
|                           | <b>Total sensible gain</b>                                       | <b>18800 Btuh</b> |
|                           | <b>Latent infiltration gain (for 51 gr. humidity difference)</b> | <b>3000 Btuh</b>  |
|                           | <b>Latent occupant gain (6 people @ 230 Btuh per person)</b>     | <b>1380 Btuh</b>  |
|                           | <b>Latent other gain</b>   | <b>0 Btuh</b>     |
|                           | <b>TOTAL GAIN</b>  | <b>23180 Btuh</b> |

Key: Window types (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/Daperies(B) or Roller Shades(R))  
(ExSh - Exterior shading device: none(N) or numerical value)  
(Ornt - compass orientation)



# System Sizing Calculations - Summer

## Residential Load - Component Details

Project Title:  
Steel Addition

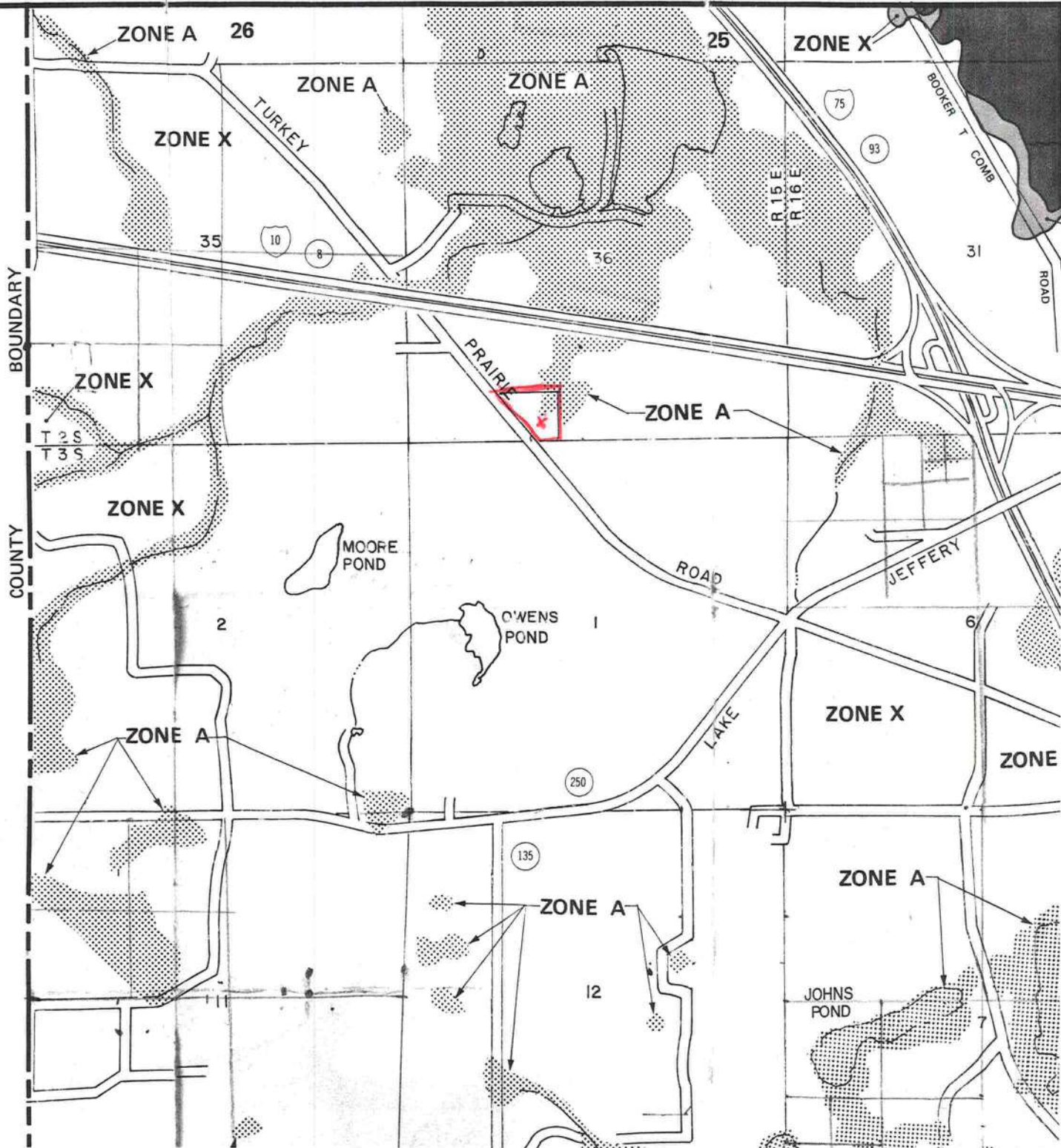
Code Only  
Professional Version  
Climate: North

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 8/16/2005

| Window             | Type                        | Overhang                      |      | Window Area(sqft) |        |             | HTM    |          | Load      |           |
|--------------------|-----------------------------|-------------------------------|------|-------------------|--------|-------------|--------|----------|-----------|-----------|
|                    | Panes/SHGC/U/InSh/ExSh Ornt | Len                           | Hgt  | Gross             | Shaded | Unshaded    | Shaded | Unshaded |           |           |
| 1                  | 2, Clear, DEF, N, N         | N                             | 1.5  | 6                 | 45.0   | 0.0         | 45.0   | 24       | 24        | 1080 Btuh |
| 2                  | 2, Clear, DEF, N, N         | N                             | 1.5  | 5.5               | 13.8   | 0.0         | 13.8   | 24       | 24        | 331 Btuh  |
| 3                  | 2, Clear, DEF, N, N         | E                             | 1.5  | 5.5               | 27.6   | 5.2         | 22.4   | 24       | 74        | 1780 Btuh |
| 4                  | 2, Clear, DEF, N, N         | S                             | 1.5  | 6                 | 30.0   | 30.0        | 0.0    | 24       | 39        | 720 Btuh  |
| 5                  | 2, Clear, DEF, N, N         | S                             | 1.5  | 4                 | 6.0    | 6.0         | 0.0    | 24       | 39        | 144 Btuh  |
| 6                  | 2, Clear, DEF, N, N         | S                             | 1.5  | 6                 | 9.5    | 9.5         | 0.0    | 24       | 39        | 228 Btuh  |
| 7                  | 2, Clear, DEF, N, N         | S                             | 1.5  | 3.41              | 5.2    | 5.2         | 0.0    | 24       | 39        | 125 Btuh  |
| 8                  | 2, Clear, DEF, N, N         | W                             | 1.5  | 5                 | 16.0   | 1.0         | 15.0   | 24       | 74        | 1135 Btuh |
| Window Total       |                             |                               |      |                   | 153    |             |        |          |           | 5543 Btuh |
| Walls              | Type                        | R-Value                       |      |                   | Area   |             | HTM    |          | Load      |           |
|                    | 1                           | Frame - Exterior              | 13.0 |                   |        | 1158.4      |        | 2.1      |           |           |
| Wall Total         |                             |                               |      |                   | 1158.4 |             |        |          | 2479 Btuh |           |
| Doors              | Type                        | R-Value                       |      |                   | Area   |             | HTM    |          | Load      |           |
|                    | 1                           | Insulated - Exter             |      |                   |        | 20.4        |        | 12.5     |           |           |
| 2                  | Insulated - Exter           |                               |      |                   | 19.0   |             | 12.5   |          | 238 Btuh  |           |
| 3                  | Insulated - Exter           |                               |      |                   | 68.0   |             | 12.5   |          | 849 Btuh  |           |
| Door Total         |                             |                               |      |                   | 107.4  |             |        |          | 1341 Btuh |           |
| Ceilings           | Type/Color                  | R-Value                       |      |                   | Area   |             | HTM    |          | Load      |           |
|                    | 1                           | Under Attic/Dark              | 30.0 |                   |        | 1628.0      |        | 1.6      |           |           |
| Ceiling Total      |                             |                               |      |                   | 1628.0 |             |        |          | 2540 Btuh |           |
| Floors             | Type                        | R-Value                       |      |                   | Size   |             | HTM    |          | Load      |           |
|                    | 1                           | Slab-On-Grade Edge Insulation | 0.0  |                   |        | 144.8 ft(p) |        | 0.0      |           |           |
| Floor Total        |                             |                               |      |                   | 144.8  |             |        |          | 0 Btuh    |           |
| Infiltration       | Type                        | ACH                           |      |                   | Volume |             | CFM=   |          | Load      |           |
|                    | Natural                     | 0.35                          |      |                   | 14800  |             | 86.5   |          |           |           |
|                    |                             | Mechanical                    |      |                   |        |             |        | 0        |           | 0 Btuh    |
| Infiltration Total |                             |                               |      |                   |        |             | 87     |          | 2189 Btuh |           |

| Internal gain | Occupants | Btuh/occupant |       | Appliance | Load      |
|---------------|-----------|---------------|-------|-----------|-----------|
|               | 6         | X             | 300 + | 1200      | 3000 Btuh |

0508-59





**RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR  
FLORIDA BUILDING CODE 2001  
ONE (1) AND TWO (2) FAMILY DWELLINGS  
ALL REQUIREMENTS ARE SUBJECT TO CHANGE  
EFFECTIVE MARCH 1, 2002**

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

- GENERAL REQUIREMENTS:** Two (2) complete sets of plans containing the following:

## Plans Examiner

- ☐ All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.

☐ Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.

☐ **Site Plan including:**
  - Dimensions of lot
  - Dimensions of building set backs
  - Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
  - Provide a full legal description of property.

☐ **Wind-load Engineering Summary, calculations and any details required**
  - Plans or specifications must state compliance with FBC Section 1606
  - The following information must be shown as per section 1606.1.7 FBC
    - Basic wind speed (MPH)
    - Wind importance factor (I) and building category
    - Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
    - The applicable internal pressure coefficient
    - Components and Cladding. The design wind pressure in terms of psf (kN/m<sup>2</sup>), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

☐ **Elevations including:**
  - All sides
  - Roof pitch
  - Overhang dimensions and detail with attic ventilation
  - Location, size and height above roof of chimneys
  - Location and size of skylights
  - Building height
  - Number of stories

**Floor Plan including:**

- |                                     |                          |  |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a) Rooms labeled and dimensioned   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b) Shear walls   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | f) Must show and identify accessibility requirements (accessible bathroom)   |

**Foundation Plan including:**

- |                                     |                          |  |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b) All posts and/or column footing including size and reinforcing  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c) Any special support required by soil analysis such as piling  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d) Location of any vertical steel  |

**Roof System:**

- |                                     |                          |  |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a) Truss package including: <ol style="list-style-type: none"><li>1. Truss layout and truss details signed and sealed by FI. Pro. Eng.</li><li>2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)</li></ol>   |
| <input type="checkbox"/>            | <input type="checkbox"/> | b) Conventional Framing Layout including: <ol style="list-style-type: none"><li>1. Rafter size, species and spacing</li><li>2. Attachment to wall and uplift</li><li>3. Ridge beam sized and valley framing and support details</li><li>4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)</li></ol> |

**Wall Sections including:**

- |                          |                          |   |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | a) Masonry wall <ol style="list-style-type: none"><li>1. All materials making up wall</li><li>2. Block size and mortar type with size and spacing of reinforcement</li><li>3. Lintel, tie-beam sizes and reinforcement</li><li>4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details</li><li>5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation</li><li>6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)</li><li>7. Fire resistant construction (if required)</li><li>8. Fireproofing requirements</li><li>9. Shoe type of termite treatment (termicide or alternative method)</li><li>10. Slab on grade<ol style="list-style-type: none"><li>a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)</li><li>b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports</li></ol></li><li>11. Indicate where pressure treated wood will be placed</li><li>12. Provide insulation R value for the following:<ol style="list-style-type: none"><li>a. Attic space</li><li>b. Exterior wall cavity</li><li>c. Crawl space (if applicable)</li></ol></li></ol> |
|--------------------------|--------------------------|---|





**b) Wood frame wall**

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
  - a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed)
  - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
  - a. Attic space
  - b. Exterior wall cavity
  - c. Crawl space (if applicable)

c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

**Floor Framing System:**

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

**Plumbing Fixture layout**

**Electrical layout including:**

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms

**HVAC information**

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

**Energy Calculations** (dimensions shall match plans)

**Gas System** Type (LP or Natural) Location and BTU demand of equipment

**Disclosure Statement for Owner Builders**

\*\*\***Notice Of Commencement Required Before Any Inspections Will Be Done**

**Private Potable Water**

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used



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

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
2. **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.
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued.  
(386) 758-1058 ( **Toilet facilities shall be provided for construction workers** )
4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
5. **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 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 8.8 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 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**  
A development permit will also be required. Development permit cost is \$50.00
6. **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.
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

**ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK**

# **NOTICE:**

## **ADDRESSES BY APPOINTMENT ONLY!**

**TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:**

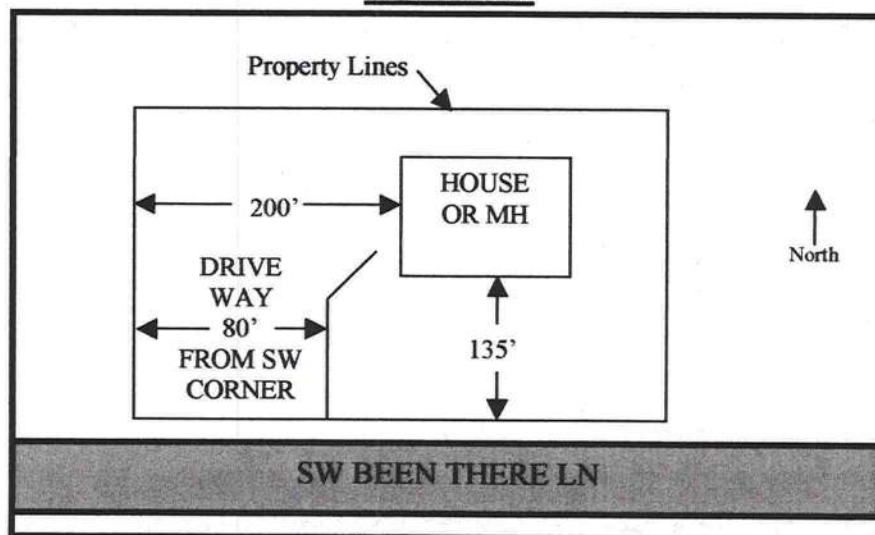
## **YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!**

**THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).**

### **THE REQUESTER WILL NEED THE FOLLOWING:**

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123) FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
  - a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
  - b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
  - c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

### **SAMPLE:**



**NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.**



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

RETURN TO:

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

Inst: 2005023784 Date: 09/27/2005 Time: 15:23  
DC, P. DeWitt Cason, Columbia County B: 1059 P: 2024

PERMIT NO. 000023623

TAX FOLIO NO.: R00119-002

NOTICE OF COMMENCEMENT

STATE OF FLORIDA  
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:

AS DESCRIBED IN EXHIBIT "A" ATTACHED.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: BRIAN K. STEELE and AMINELL L. STEELE  
Husband and Wife, 143 NW Casey Glenn, Lake City, FL 32055

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. Contractor: Brian K. Steele

5. Surety

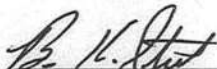
a. Name and address: None

6. Lender: PEOPLES STATE BANK,  
350 SW Main Blvd., Lake City, Florida 32025.

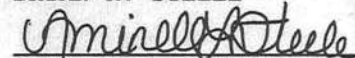
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

8. In addition to himself, Owner designates LONNIE T. HALTIWANGER of PEOPLES STATE BANK, 350 SW Main Blvd., Lake City, Florida 32025, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).  
September 16, 2006.



BRIAN K. STEELE



AMINELL L. STEELE

The foregoing instrument was acknowledged before me this 16th day of September, 2005, by BRIAN K. STEELE and AMINELL L. STEELE, Husband and Wife, who are personally known to me and did not take an oath.





Notary Public

My commission expires: \_\_\_\_\_

## EXHIBIT "A"

Commence at the SE corner of the SW ¼ of the SW ¼ Section 36, Township 2 South, Range 15 East and run N 88°06'01"E along the South line of said Section 36 a distance of 375.11 feet to the Easterly maintained right of way of County Road (Lower Springs Road) and the POINT OF BEGINNING; thence N 40°54'21"W, along said maintained right of way line a distance of 864.39 feet; thence N 80°22'40"E, a distance of 855.86 feet to the East line of the W ½ of the SE ¼ of the SW ¼ of said Section 36; thence S 00°55'18"E along said East line a distance of 786.82 feet to the South line of said Section 36; thence S 88°06'01"W along said South line a distance of 290.62 feet to the POINT OF BEGINNING, Columbia County, Florida.

STATE OF FLORIDA, COUNTY OF COLUMBIA  
I HEREBY CERTIFY, that the above and foregoing  
is a true copy of the original filed in this office.  
P. DeWITT CASON, CLERK OF COURTS

By

Maul Kien  
Deputy Clerk

Date

Sept 27, 2005



To: Harry Dicks  
 Fax# 758-2160  
 Permit 23623  
 Braan + Aimee Steel

| Notice of Treatment   |   |  |
|---|---|--|
| Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)<br>Address: 5910 10th Ave S<br>City: Jacksonville Phone: 754-23623          |   |  |
| Site Location: Subdivision<br>Lot #<br>Block #<br>Permit #<br>Address   |   |  |
| <b>Product used</b><br><input checked="" type="checkbox"/> Premise<br><input type="checkbox"/> Termitor<br><input type="checkbox"/> Bora-Care | <b>Active Ingredient</b><br>Imidacloprid 0.1%<br>Fipronil 0.12%<br>Disodium Octaborate Tetrahydrate 23.0% | <b>% Concentration</b>   |
| <b>Type treatment:</b><br><input type="checkbox"/> Soil<br><input type="checkbox"/> Wood  | <b>Area Treated</b><br>Square feet<br>Linear feet<br>Gallons Applied                                      | <b>Remarks:</b><br>If this notice is for the final exterior treatment, initial this line<br>As per Florida Building Code 104.2.6 - If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval. |
| Date<br>Time<br>Print Technician's Name   |   |  |
| Applicator - White<br>Permit File - Canary<br>Permit Holder - Pink<br>© 10/05   |   |  |

**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 36-2S-15-00119-002

Building permit No. 000023623

Use Classification SFD ADDITION

Fire: 0.00

Permit Holder OWNER BUILDER

Waste:           

Owner of Building BRIAN & AMI STEELE

Total: 0.00

Location: 143 NW CASEY GLEN

Date: 05/23/2006

*Harry Dickie*

Building Inspector



**POST IN A CONSPICUOUS PLACE**  
**(Business Places Only)**