

DATE 03/26/2009

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

**PERMIT**  
**000027718**

APPLICANT JAY MILTON PHONE 386.755.5827  
ADDRESS 1296 SW RIDGE STREET LAKE CITY FL 32024  
OWNER NATHA L. BARRINGTON PHONE 386.752.5392  
ADDRESS 162 NE DEW DROP WAY LAKE CITY FL 32055  
CONTRACTOR JAY MILTON PHONE 386.755.5827

LOCATION OF PROPERTY 90-E TO C-245, TL TO E. WASHINGTON, TR TO BURBANK, TL TO HI-HAT  
TR, TO DEW DROP WAY, TL CONSTRUCTION SITE ON L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 150100.00

HEATED FLOOR AREA 2109.00 TOTAL AREA 3002.00 HEIGHT 20.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING I MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

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

PARCEL ID 35-3S-17-07364-000 SUBDIVISION ALEXANDRA HEIGHTS - SOUTH HALF OF

LOT 20 BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES 0.47

CGC060912  
Culvert Permit No. \_\_\_\_\_ Culvert Waiver \_\_\_\_\_ Contractor's License Number BLK Applicant/Owner/Contractor HD  
EXISTING 09-0153 Y  
Driveway Connection \_\_\_\_\_ Septic Tank Number \_\_\_\_\_ LU & Zoning checked by \_\_\_\_\_ Approved for Issuance \_\_\_\_\_ New Resident \_\_\_\_\_

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD. EXISTING DWELLING ON PROPERTY PRIOR  
TO MARCH 4, 1998.

Check # or Cash 8973

**FOR BUILDING & ZONING DEPARTMENT ONLY**

(footer/Slab)

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

BUILDING PERMIT FEE \$ 755.00 CERTIFICATION FEE \$ 15.01 SURCHARGE FEE \$ 15.01

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

FLOOD DEVELOPMENT FEE \$ \_\_\_\_\_ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ \_\_\_\_\_ **TOTAL FEE** 860.02

INSPECTORS OFFICE [Signature] 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."

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

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



**Columbia County Building Permit Application**

<b>For Office Use Only</b>		Application # <u>0903-31</u>	Date Received <u>3/18</u>	By <u>JW</u>	Permit # <u>27718</u>
Zoning Official <u>BLK</u>	Date <u>2003.09</u>	Flood Zone <u>X</u>	Land Use <u>I</u>	Zoning <u>I</u>	
FEMA Map # <u>N/A</u>	Elevation <u>N/A</u>	MFE <u>1st Fl</u>	River <u>N/A</u>	Plans Examiner <u>HQ</u>	Date <u>3-19-03</u>
Comments <u>Existing Dwelling on property prior to 4 March 1978</u>					
<input checked="" type="checkbox"/> NOC <input checked="" type="checkbox"/> EH <input checked="" type="checkbox"/> Deed or PA <input type="checkbox"/> Site Plan <input type="checkbox"/> State Road Info <input type="checkbox"/> Parent Parcel # _____					
<input type="checkbox"/> Dev Permit # _____ <input type="checkbox"/> In Floodway <input type="checkbox"/> Letter of Auth. from Contractor <input type="checkbox"/> F W Comp. letter					
IMPACT FEES: EMS _____ Fire <u>0</u> Corr _____ Road/Code _____					
School _____ = TOTAL <u>EXEMPT - See Attached Memo</u>					

Septic Permit No. 09-0153 Fax 386 758-4570

Name Authorized Person Signing Permit Jay Milton Phone 386 755 5827

Address 1296 SW Ridge ST. LAKE CITY FL 32024

Owners Name Nathal Barrington Phone 752-5392

911 Address 162 NE Dew Drop Way Lake City FL 32055

Contractors Name Jay Milton Phone 755-5827

Address 1296 SW Ridge ST Lake City FL 32024

Fee Simple Owner Name & Address Natha Barrington 162 NE Dew Drop Way L.C. FL 32055

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

Architect/Engineer Name & Address Mark Disosway

Mortgage Lenders Name & Address First Federal + Spring L

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

Property ID Number 35-35-17-07364-000 Estimated Cost of Construction 179,000

Subdivision Name Alexandra Heights Lot 20 Block S 1/2 Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions Highway 90 East, TL on County Rd. 245, TR on Washington ST, TL on Burbank Terrace, TR on Hihat, TL on Dew Drop Way, Site on left.

Number of Existing Dwellings on Property 0

Construction of Single Family Dwelling Total Acreage 1/2<sup>.47</sup> AC Lot Size 1/2<sup>.47</sup> AC

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 20'

Actual Distance of Structure from Property Lines - Front 42 Side 15 Side 15 Rear 148<sup>+</sup>

Number of Stories 1 Heated Floor Area 2109 Total Floor Area 3002 Roof Pitch 6:12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.



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

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

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

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

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

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

Natha L. Baryk  
Owners Signature

ORIGINAL IN MAIL

LIVES IN VIRGINIA PRESENTLY  
JW/LH 3.18.09

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

[Signature]  
Contractor's Signature (Permitee)

Contractor's License Number CGC060912  
Columbia County  
Competency Card Number \_\_\_\_\_

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 18 day of March 20 09.  
Personally known ☒ or Produced Identification \_\_\_\_\_

Laurie Hodson  
State of Florida Notary Signature (For the Contractor)

SEAL:





## Columbia County Building Permit Application

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

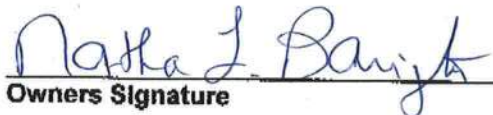
**TIME LIMITATIONS OF PERMITS:** Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit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

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

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

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

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

  
Owners Signature

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

\_\_\_\_\_  
Contractor's Signature (Permitee)

\_\_\_\_\_  
Contractor's License Number

\_\_\_\_\_  
Columbia County

\_\_\_\_\_  
Competency Card Number

Affirmed under penalty of perjury to by the Contractor and subscribed before me this \_\_\_\_ day of \_\_\_\_\_ 20\_\_.

Personally known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

\_\_\_\_\_  
SEAL:

\_\_\_\_\_  
State of Florida Notary Signature (For the Contractor)



District No. 1 - Ronald Williams  
District No. 2 - Dewey Weaver  
District No. 3 - Jody DuPree  
District No. 4 - Stephen E. Bailey  
District No. 5 - Scarlet P. Frisina



## BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

March 6, 2009

### MEMO

TO: John Kerce, Chief Building Official  
Brian Kepner, County Planner

FR: Dale Williams, County Manager *Dale*

RE: Impact Fees – FOR IMMEDIATE ATTENTION

Effective immediately you are to suspend the collection of impact fees. This suspension was approved by the Board of County Commissioners in their regular meeting of March 5, 2009. The suspension includes those fees levied by both ordinances, general government and schools. The approved suspension is in anticipation of a moratorium to be approved March 19, 2009.

You are also requested to provide a list of all impact fees collected since January 1, 2009. This list should include the following information:

- 1.) the name of the person/business who initially paid the impact fee and the date paid
- 2.) the name of the owner on whose project the impact fee was paid
- 3.) a "breakdown" on the impact collected by category (i.e. corrections, transportation, EMS, fire, school)

For those fees recently collected but not yet deposited, I suggest you hold the checks (I assume no cash was collected) until after the March 19, 2009 Public Hearing to impose a moratorium. You should notify the check issuer of the reason you are holding the check.

DW/pds

XC: Impact Fees File  
Board of County Commissioners  
Outgoing Correspondence



# COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 \* FAX: (386) 758-1365 \* Email: ron\_croft@columbiacountyfla.com

## Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 3/4/2009 DATE ISSUED: 3/6/2009

### ENHANCED 9-1-1 ADDRESS:

162 NE DEW DROP WAY

LAKE CITY FL 32055

### PROPERTY APPRAISER PARCEL NUMBER:

35-3S-17-07364-000

### Remarks:

Approved Address

MAR 06 2009

911Addressing/GIS Dept

Address Issued By:



Columbia County 9-1-1 Addressing / GIS Department

**NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.**



April 18, 2003

Columbia County  
Building & Zoning Department  
%County Planner, Brian Kepner  
P.O. Drawer 1529  
Lake City, Florida 32056-1529

Parcel I.D. Number 35-3s-17-07364-000

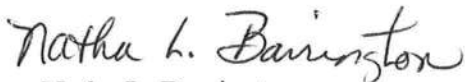
Dear Mr. Kepner:

This is a request to build a residential single family dwelling on the South ½ of lot 20, Alexandra Heights Subdivision, located in the Watertown Community. The property is located on NE Dew Drop Way in Columbia County, and it contains an .50 acre more or less.

I will be retiring from my job and relocating to Florida from Virginia in order to help care for my mother who has "Parkinson Disease". The lot is adjoining my mother's home which is surrounded by other single family dwellings and mobile homes.

This property had an old home and a septic system located on it prior to March 4, 1998. I am requesting to be able to replace it with a new home.

Sincerely,



Natha L. Barrington  
8313 Clairemont Woods Drive  
Alexandria, VA 22309  
703.360.9074



Inst:2003015907 Date:07/29/2003 Time:09:55

Doc Stamp-Deed : 25.20

7168 DC, P. DeWitt Cason, Columbia County B:989 P:2718

**TAX DEED**

**State of Florida**

**County of Columbia**

File No. 1344 of 1997

Parcel No. 35-3S-

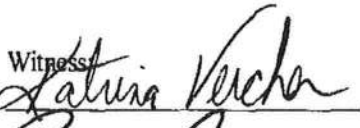
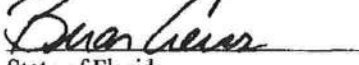
The following Tax Certificate numbered 1344 issued on May 28, 1997 was filed in the office of the Tax Collector of this County and application made for the issuance of a Tax Deed, the applicant having paid or redeemed all other taxes or tax certificates on the land described as required by law to be paid or redeemed, and the costs and expenses of this sale, and due notice of sale having been published as required by law, and no person entitled to do so having appeared to redeem said land; such land was on the 21st day of July, 2003, offered for sale as required by law for cash to the highest bidder and was sold to **Natha L. Barrington.**, whose address is **Rt. 7 Box 527, Lake City, FL 32055**, being the highest bidder and having paid the sum of his bid as required by the Laws of Florida.

**NOW**, on this 21<sup>st</sup> day of July, 2003, in the County of Columbia, State of Florida, in consideration of the sum of (\$3502.27) **Three thousand five-hundred and two dollars and twenty-seven cents**, being the amount paid pursuant to the Laws of Florida, does hereby sell the following lands situated in the County and State aforesaid and described as follows:

**S ½ of lot 20, Alexander Heights S/D**

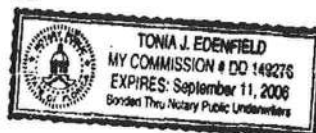
  
Clerk of the Circuit Court  
Columbia County, Florida

Witness

  
  
State of Florida  
County of Columbia

On this 28<sup>th</sup> day of July, 2003, before me personally appeared P. DeWitt Cason, Clerk of Circuit Court in and for Columbia County Florida, known to me to be the person described in, and who executed the foregoing instrument, and acknowledged the execution of this instrument to be his own free act and deed for the use and purposes therein mentioned. Witness my hand and official seal date aforesaid.

  
NOTARY PUBLIC



oc Stamp-Deed : 25.20

McK

## Lake City Columbia County, Florida

Before the undersigned authority personally appeared Rick Bacon who on oath says that he is Publisher of the Lake City Reporter, a newspaper published at Lake City, Columbia County, Florida; that the attached copy of advertisement, being a .

legally  
Office of Application  
Cost Take Deed

Court, was published

June 18, 25, 2003 Court w  
July 2, 9, 2003

**NOTICE OF PUBLIC SALE**  
**FOR THE STATE OF FLORIDA**  
Sole, 1457-213-1339

Notice is hereby given that, upon application of the holder of the following certificate here filed and submitted for a Tax Deed to be issued thereon. The certificate number and date of filing are as follows:

It was submitted for filing on  
Certificate Number 1544  
Date of Issuance 1997  
Description of Property: Parcel located 36023-17-0758-0000, S 1/2 of 1/4, 20, Alexander Heights R/D  
Notice was given to the owner of the property and the owner failed to appear at the public sale of the property.

Any and all persons claiming an interest in the above described property shall be redeemed according to law, the property described in such certificate will be sold to the highest bidder at the Courthouse on Monday the 1st day of July, 2003, at 11:00 AM.

- s- P. De Witt Cason  
**P. DEWITT CASON**  
Clerk of Courts

Notice to persons with disabilities: If you are a person with a disability who needs any accommodation in order to participate in this proceeding, you are entitled to, at no cost to you, the provision of certain assistance. Please contact Brian Carpi at Room 234, Columbia County Courthouse, P.O. Box 2069, Lake City, FL 32056; (386)758-1353, within 2 working days of your receipt of this notice. If you are hearing or voice impaired, please call (386)758-2139.

01543804  
June 18, 25, 2003  
July 2, 9, 2003

9 day of July  
Beth Ann D. Richter

Notary Public



**CERTIFICATE OF CLERK**

I HEREBY CERTIFY that copies of the Notice of Application for Tax Deed filed by **Octavio Lim**, regarding Tax Certificate number ~~999~~, issued ~~1999~~, said sale scheduled for **July 21, 2003**, have been mailed via U.S. Mail on **June 18, 2003** to the following persons:

Ilean Barrington  
Rt 7 Box 527  
Lake City, FL 32055

James Wilson EST.

Inst: 2003015907 Date: 07/29/2003 Time: 09:55  
Loc Stamp-Deed : 25.20  
MCK DC, P. DeWitt Cason, Columbia County B:989 P:2720

Dated this **19th** day of **June**, 2003, at Columbia County, Florida.



  
\_\_\_\_\_  
**P. DEWITT CASON**  
**CLERK OF COURT**

# Columbia County Property Appraiser

DB Last Updated: 8/5/2008

## 2008 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 35-3S-17-07364-000

### Owner & Property Info

<b>Owner's Name</b>	BARRINGTON NATHA L		
<b>Site Address</b>			
<b>Mailing Address</b>	C/O ILEAN BARRINGTON 210 NE DEW DROP WAY LAKE CITY, FL 32055		
<b>Use Desc. (code)</b>	VACANT (000000)		
<b>Neighborhood</b>	35317.01	<b>Tax District</b>	2
<b>UD Codes</b>	MKTA06	<b>Market Area</b>	06
<b>Total Land Area</b>	0.479 ACRES		
<b>Description</b>	S1/2 OF LOT 20 ALEXANDRA HEIGHTS S/D. ORB 989-2718.		

&lt;&lt; Prev

Search Result: 2 of 5

Next &gt;&gt;

### GIS Aerial



### Property & Assessment Values

<b>Mkt Land Value</b>	cnt: (1)	\$7,307.00
<b>Ag Land Value</b>	cnt: (0)	\$0.00
<b>Building Value</b>	cnt: (0)	\$0.00
<b>XFOB Value</b>	cnt: (0)	\$0.00
<b>Total Appraised Value</b>		\$7,307.00

<b>Just Value</b>	\$7,307.00
<b>Class Value</b>	\$0.00
<b>Assessed Value</b>	\$7,307.00
<b>Exempt Value</b>	\$0.00
<b>Total Taxable Value</b>	\$7,307.00

### Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
7/21/2003	989/2718	TD	V	U	03	\$3,600.00

### Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

### Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

### Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	20878.000 SF - (.479AC)	1.00/1.00/1.00/1.00	\$0.35	\$7,307.00

Columbia County Property Appraiser

DB Last Updated: 8/5/2008

&lt;&lt; Prev

2 of 5

Next &gt;&gt;



---

### Disclaimer

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

#### Notice:

Under Florida Law, e-mail addresses are public record. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead contact this office by phone or in writing.

[Scroll to Top](#)

Site powered by: Grizzly Logic, Inc © Copyright 2001

Web Site Copyright © 2000 Columbia County. All rights reserved.



# **HALL'S PUMP & WELL SERVICE, INC.**

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL  
OWNERS

PHONE (386) 752-1854  
FAX (386) 755-7022  
904 NW MAIN BLVD.  
LAKE CITY, FLORIDA 32055

**March 16, 2009**

**Notice to All Contractors:**

**Re: Natha Barrington**

***Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results. All wells will have a pump & tank combination that will be sufficient enough for each situation.***

***If you have any questions please feel free to call our office.***

**Thank You,**

**Donald D. Hall**



THIS INSTRUMENT PREPARED BY  
AND RETURN TO:  
NORTH CENTRAL FLORIDA TITLE, I.L.C.  
343 NW COLE TERRACE  
SUITE 101  
LAKE CITY, FLORIDA 32055

Parcel I.D. #: 07364-000  
Permit No.

Inst: 200912003264 Date: 3/2/2009 Time: 12:09 PM  
DC, P. DeWitt Cason, Columbia County Page 1 of 2 B: 1168 P: 822

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

## 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. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

**XXX DEW DROP WAY, LAKE CITY, FL 32055**  
The South 1/2 of Lot 20, ALEXANDRA HEIGHTS, according to the map or plat thereof as recorded in Plat Book 2, Page 20, of the Public Records of Columbia County, Florida.

2. General description of improvement: **CONSTRUCTION OF A SINGLE FAMILY DWELLING**

3. Owner information:

- a. Name and address:  
**NATHA L. BARRINGTON**  
**8917 WALDREN WAY, LORTON, VA 22079**
- b. Interest in property: **Fee Simple**
- c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor: (Name and Address)

**MILTON BUILDERS, LLC**  
**1296 SW RIDGE STREET, LAKE CITY, FL 32024**  
Telephone Number: **386-755-5827**

5. Surety (if any):

- a. Name and Address:  
Telephone Number: \_\_\_\_\_
- b. Amount of Bond \$ \_\_\_\_\_

6. Lender: (Name and Address)

**FIRST FEDERAL BANK OF FLORIDA**  
**4705 WEST U.S. HWY 90, P.O. BOX 2029, LAKE CITY, FL 32056**  
Telephone Number: **755-0600**

7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)(7), Florida Statutes: (Name and Address)  
**N/A**


8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)

**FIRST FEDERAL BANK OF FLORIDA**  
**4705 WEST U.S. HWY 90, P.O. BOX 2029, LAKE CITY, FL 32056**  
Telephone Number: **755-0600**

9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) \_\_\_\_\_

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

Signature of Owner(s) or Owner's Authorized Officer/Director/Partner/Manager:

 {SEAL}

{SEAL}

NATHA L. BARRINGTON

The foregoing instrument was acknowledged before me this 27th day of February, 2009, by NATHA L. BARRINGTON,  
who is personally known to me or who has produced *Driver's License*

as identification.

Notary Public *Mary Sandage*  
My Commission Expires: *12-23-12*



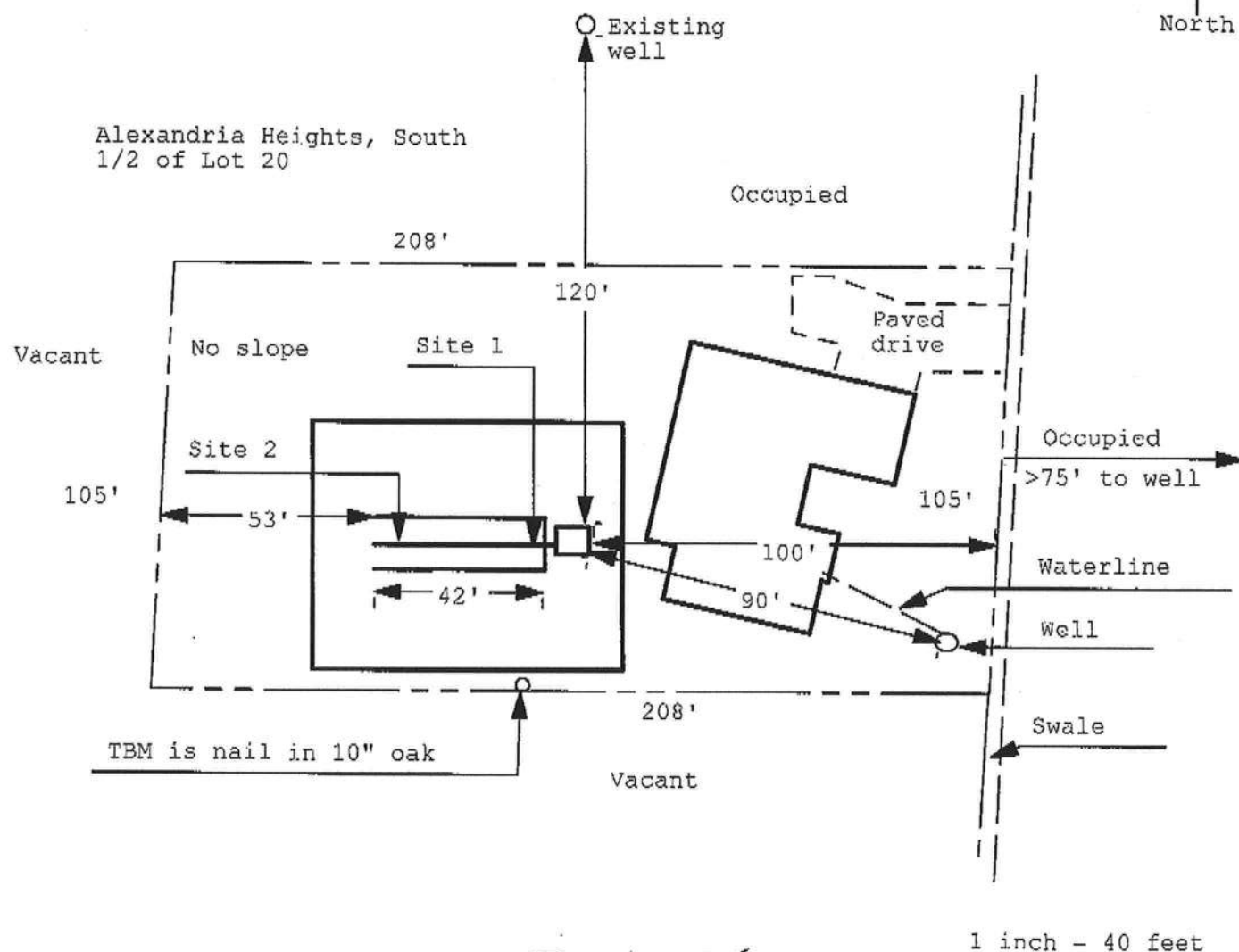


# Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 09-0153

**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT**

BARRINGTON/CR 08-4586



Site Plan Submitted By Paul L. Lander

Date 3/11/09

Plan Approved 10 Not Approved

Date 3/26/09

By

Mark S. Lander

Columbia

CPHU

Notes:

STATE OF FLORIDA  
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES  
ONSITE SEWAGE DISPOSAL SYSTEM  
APPLICATION FOR CONSTRUCTION PERMIT  
Authority: Chapter 381, FS & Chapter 10D-6, FAC

09-0153  
PERMIT # 915713  
DATE PAID 3-16-09  
FEE PAID \$ 312.00  
RECEIPT # 1104852  
CR # 08-4586

## APPLICATION FOR:

☒ New System    ☐ Existing System    ☐ Holding Tank    ☐ Temporary/Experimental System  
☐ Repair    ☐ Abandonment    ☐ Other (Specify) \_\_\_\_\_

APPLICANT: NATHA BARRINGTONTELEPHONE: 386-755-5827AGENT: MILTON BUILDERSMAILING ADDRESS: 1296 SW RIDGE STREET CITY: LAKE CITY STATE: FL ZIP: 32024

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. ATTACH BUILDING PLAN AND TO-SCALE SITE PLAN SHOWING PERTINENT FEATURES REQUIRED BY CHAPTER 10D-6, FLORIDA ADMINISTRATIVE CODE.

PROPERTY INFORMATION [IF LOT IS NOT IN A RECORDED SUBDIVISION, ATTACH LEGAL DESCRIPTION OR DEED]


LOT: S 1/2 OF 20 BLOCK: \_\_\_\_\_ SUBDIVISION: ALEXANDERIA HEIGHTS DATE SUBD: 1944PROPERTY ID #: 35-3S-17-07364-000 [Section/Township/Range/Parcel] ZONING: \_\_\_\_\_PROPERTY SIZE: 0.479 ACRES [Sqft/43560] PROPERTY WATER SUPPLY: ☒ PRIVATE ☐ PUBLICPROPERTY STREET ADDRESS: 162 NE DEWDROP WAY

DIRECTIONS TO PROPERTY: HIGHWAY 90 EAST, TL ON COUNTY ROAD 245, TR ON WASHINGTON STREET, TL ON BURBANK TERRACE, TR ON HIHAT, TL ON DEWDROP WAY, SITE ON LEFT

## BUILDING INFORMATION

☒ RESIDENTIAL☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	# Persons Served	Business Activity For Commercial Only
1	HOUSE	3	2109	4	
2					
3					
4					

☐ Garbage Grinders/Disposals☐ Spas/Hot Tubs☐ Floor/Equipment Drains☐ Ultra-low Volume Flush Toilets☐ Other (Specify) \_\_\_\_\_APPLICANT'S SIGNATURE: DATE: 3-12-09

**FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION**

## Florida Department of Community Affairs Residential Performance Method A

Project Name: 903104MiltonBuildersBarringtonRes  
 Street: 162 NE Dew Drop Way  
 City, State, Zip: Lake City, FL,  
 Owner: Barrington  
 Design Location: FL, Gainesville

Builder Name: Milton Builders  
 Permit Office:  
 Permit Number:  
 Jurisdiction: 221000

1. New construction or existing	New (From Plans)	
2. Single family or multiple family	Single-family	
3. Number of units, if multiple family	1	
4. Number of Bedrooms	3	
5. Is this a worst case?	Yes	
6. Conditioned floor area (ft <sup>2</sup> )	2109	
7. Windows	Description	Area
a. U-Factor:	Dbl, U=0.30	240.00 ft <sup>2</sup>
SHGC:	SHGC=0.50	
b. U-Factor:	N/A	ft <sup>2</sup>
SHGC:		
c. U-Factor:	N/A	ft <sup>2</sup>
SHGC:		
d. U-Factor:	N/A	ft <sup>2</sup>
SHGC:		
e. U-Factor:	N/A	ft <sup>2</sup>
SHGC:		
8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	2109.00 ft <sup>2</sup>
b. N/A	R=	ft <sup>2</sup>
c. N/A	R=	ft <sup>2</sup>

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1639.30 ft <sup>2</sup>
b. Frame - Wood, Adjacent	R=13.0	264.00 ft <sup>2</sup>
c. N/A	R=	ft <sup>2</sup>
d. N/A	R=	ft <sup>2</sup>
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2197.00 ft <sup>2</sup>
b. N/A	R=	ft <sup>2</sup>
c. N/A	R=	ft <sup>2</sup>
11. Ducts		
a. Sup: Attic Ret: Attic AH: Garage Sup. R= 6, 160 ft <sup>2</sup>		
12. Cooling systems		
a. Central Unit	Cap: 40 kBtu/hr	SEER: 13
13. Heating systems		
a. Electric Heat Pump	Cap: 40 kBtu/hr	HSPF: 7.8
14. Hot water systems		
a. Electric	Cap: 40 gallons	EF: 0.93
b. Conservation features	None	
15. Credits	None	

Glass/Floor Area: 0.114

Total As-Built Modified Loads: 34.16

Total Baseline Loads: 42.10

**PASS**

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

PREPARED BY:

DATE: 3/17/09 EVAN BARRINGTON

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

OWNER/AGENT:

DATE:

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



BUILDING OFFICIAL:

DATE:



**PROJECT**

Title:	903104MiltonBuildersBarringt	Bedrooms:	3	Adress Type:	Street Address
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	
Owner:	Barruington	Conditioned Area:	2109	SubDivision:	
# of Units:	1	Total Stories:	1	PlatBook:	
Builder Name:	Milton Builders	Worst Case:	Yes	Street:	162 NE Dew Drop Way
Permit Office:		Rotate Angle:	315	County:	Columbia
Jurisdiction:		Cross Ventilation:	No	City, State, Zip:	Lake City ,
Family Type:	Single-family	Whole House Fan:	No		FI ,
New/Existing:	New (From Plans)				
Comment:					

**CLIMATE**

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

**FLOORS**

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	262 ft	0	2109 ft²	0.3	0.2	0.5

**ROOF**

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	2359 ft²	0 ft²	Dark	0.96	No	0	26.6 deg

**ATTIC**

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	303	2109 ft²	N	N

**CEILING**

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	2197 ft²	0.11	Wood

**WALLS**

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Frame - Wood	13	104.67 ft²	0	0.23	0.75
_____	2	E	Exterior	Frame - Wood	13	34.67 ft²	0	0.23	0.75
_____	3	N	Exterior	Frame - Wood	13	42.67 ft²	0	0.23	0.75
_____	4	W	Exterior	Frame - Wood	13	16 ft²	0	0.23	0.75
_____	5	N	Exterior	Frame - Wood	13	48 ft²	0	0.23	0.75
_____	6	E	Exterior	Frame - Wood	13	16 ft²	0	0.23	0.75
_____	7	N	Exterior	Frame - Wood	13	42.67 ft²		0.23	0.75
_____	8	W	Exterior	Frame - Wood	13	32 ft²		0.23	0.75
_____	9	N	Exterior	Frame - Wood	13	10.67 ft²		0.23	0.75

## WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	10	W	Exterior	Frame - Wood	13	10.67 ft²		0.23	0.75
_____	11	NW	Exterior	Frame - Wood	13	24 ft²		0.23	0.75
_____	12	N	Exterior	Frame - Wood	13	32 ft²		0.23	0.75
_____	13	NE	Exterior	Frame - Wood	13	24 ft²		0.23	0.75
_____	14	E	Exterior	Frame - Wood	13	10.67 ft²		0.23	0.75
_____	15	N	Exterior	Frame - Wood	13	10.67 ft²		0.23	0.75
_____	16	W	Exterior	Frame - Wood	13	64 ft²		0.23	0.75
_____	17	N	Exterior	Frame - Wood	13	176 ft²		0.23	0.75
_____	18	E	Exterior	Frame - Wood	13	224 ft²		0.23	0.75
_____	19	N	Garage	Frame - Wood	13	264 ft²		0.23	0.01
_____	20	S	Exterior	Frame - Wood	13	125.33 ft²		0.23	0.75
_____	21	E	Exterior	Frame - Wood	13	64 ft²		0.23	0.75
_____	22	S	Exterior	Frame - Wood	13	98 ft²		0.23	0.75
_____	23	W	Exterior	Frame - Wood	13	16 ft²		0.23	0.75
_____	24	S	Exterior	Frame - Wood	13	104.67 ft²		0.23	0.75
_____	25	W	Exterior	Frame - Wood	13	308 ft²		0.23	0.75

## DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	E	Insulated	None	0.4	6 ft²
_____	2	S	Insulated	None	0.4	20 ft²
_____	3	S	Insulated	None	0.4	20 ft²

## WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang		Int Shade	Screening
										Depth	Separation		
_____	1	N	Metal	Double (Clear)	Yes	0.3	0.5	N	20 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	2	N	Metal	Double (Clear)	Yes	0.3	0.5	N	15 ft²	0 ft 156 in	0 ft 12 in	HERS 2006	None
_____	3	N	Metal	Double (Clear)	Yes	0.3	0.5	N	15 ft²	0 ft 156 in	0 ft 12 in	HERS 2006	None
_____	4	W	Metal	Double (Clear)	Yes	0.3	0.5	N	10 ft²	0 ft 1188 in	0 ft 12 in	HERS 2006	None
_____	5	NW	Metal	Double (Clear)	Yes	0.3	0.5	N	10 ft²	0 ft 108 in	0 ft 12 in	HERS 2006	None
_____	6	N	Metal	Double (Clear)	Yes	0.3	0.5	N	15 ft²	0 ft 72 in	0 ft 12 in	HERS 2006	None
_____	7	NE	Metal	Double (Clear)	Yes	0.3	0.5	N	10 ft²	0 ft 1188 in	0 ft 12 in	HERS 2006	None
_____	8	N	Metal	Double (Clear)	Yes	0.3	0.5	N	30 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	9	E	Metal	Double (Clear)	Yes	0.3	0.5	N	15 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	10	S	Metal	Double (Clear)	Yes	0.3	0.5	N	36 ft²	0 ft 84 in	0 ft 12 in	HERS 2006	None
_____	11	S	Metal	Double (Clear)	Yes	0.3	0.5	N	36 ft²	0 ft 0 in	0 ft 0 in	HERS 2006	None
_____	12	S	Metal	Double (Clear)	Yes	0.3	0.5	N	24 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	13	W	Metal	Double (Clear)	Yes	0.3	0.5	N	4 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None

### INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ---- Supply CFM Exhaust CFM		Run Time Fraction	Fan Watts
_____	Default	0.00036	1991	7.08	109.3	205.6	0 cfm	0 cfm	0	0

### GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	551.98 ft²	551.98 ft²	69 ft	8 ft	11

### COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
_____	1	Central Unit	None	SEER: 13	40 kBtu/hr	cfm	0.75	

### HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ductless
_____	1	Electric Heat Pump	None	HSPF: 7.8	40 kBtu/hr	

### HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.93	40 gal	60 gal	120 deg	None

### SOLAR HOT WATER SYSTEM

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

### DUCTS

✓	#	---- Supply ----			---- Return ----		Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Location	R-Value	Area	Location	Area						
		Attic	6	160 ft²	Attic	100 ft²	Default Leakage	Garage				



## TEMPERATURES

Programable Thermostat: N

Ceiling Fans:

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

Thermostat Schedule: HERS 2006 Reference

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

## Code Compliance Checklist

### Residential Whole Building Performance Method A - Details

ADDRESS: 162 NE Dew Drop Way  
Lake City, FL,

PERMIT #:

#### INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX\* = 81

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

1. New construction or existing	New (From Plans)	9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family	a. Frame - Wood, Exterior	R=13.0	1639.30 ft <sup>2</sup>
3. Number of units, if multiple family	1	b. Frame - Wood, Adjacent	R=13.0	264.00 ft <sup>2</sup>
4. Number of Bedrooms	3	c. N/A	R=	ft <sup>2</sup>
5. Is this a worst case?	Yes	d. N/A	R=	ft <sup>2</sup>
6. Conditioned floor area (ft <sup>2</sup> )	2109	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	2197.00 ft <sup>2</sup>
a. U-Factor:	Dbl, U=0.30	b. N/A	R=	ft <sup>2</sup>
SHGC:	SHGC=0.50	c. N/A	R=	ft <sup>2</sup>
b. U-Factor:	N/A	11. Ducts		
SHGC:		a. Sup: Attic Ret: Attic AH: Garage Sup. R= 6, 160 ft <sup>2</sup>		
c. U-Factor:	N/A	12. Cooling systems		
SHGC:		a. Central Unit	Cap: 40 kBtu/hr	SEER: 13
d. U-Factor:	N/A	13. Heating systems		
SHGC:		a. Electric Heat Pump	Cap: 40 kBtu/hr	HSPF: 7.8
e. U-Factor:	N/A	14. Hot water systems		
SHGC:		a. Electric	Cap: 40 gallons	EF: 0.93
8. Floor Types	Insulation	b. Conservation features		
a. Slab-On-Grade Edge Insulation	R=0.0	None		
b. N/A	R=	15. Credits		None
c. N/A	R=			

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

Builder Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Address of New Home: \_\_\_\_\_ City/FL Zip: \_\_\_\_\_



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

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



# Residential System Sizing Calculation

## Summary

Barruington  
162 NE Dew Drop Way  
Lake City, FL

Project Title:  
903104MiltonBuildersBarringtonRes.

Class 3 Rating  
Registration No. 0  
Climate: North

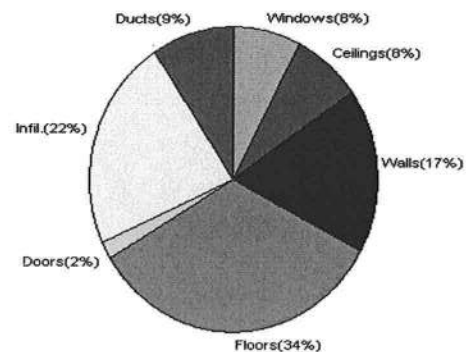
3/17/2009

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
<b>Total heating load calculation</b>	<b>33971</b>	<b>Btuh</b>	<b>Total cooling load calculation</b>	<b>31818</b>	<b>Btuh</b>
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	117.7	40000	Sensible (SHR = 0.75)	100.2	30000
Heat Pump + Auxiliary(0.0kW)	117.7	40000	Latent	156.9	10000
			Total (Electric Heat Pump)	125.7	40000

## WINTER CALCULATIONS

Winter Heating Load (for 2109 sqft)

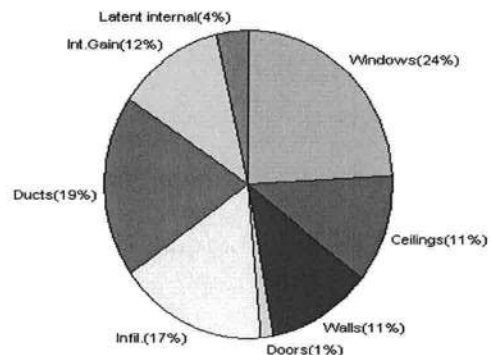
Load component			Load	
Window total	240	sqft	2664	Btuh
Wall total	1810	sqft	5944	Btuh
Door total	46	sqft	596	Btuh
Ceiling total	2197	sqft	2589	Btuh
Floor total	262	sqft	11439	Btuh
Infiltration	186	cfm	7518	Btuh
Duct loss			3222	Btuh
<b>Subtotal</b>			<b>33971</b>	<b>Btuh</b>
Ventilation	0	cfm	0	Btuh
<b>TOTAL HEAT LOSS</b>			<b>33971</b>	<b>Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 2109 sqft)

Load component			Load	
Window total	240	sqft	7664	Btuh
Wall total	1810	sqft	3635	Btuh
Door total	46	sqft	451	Btuh
Ceiling total	2197	sqft	3638	Btuh
Floor total			0	Btuh
Infiltration	96	cfm	1779	Btuh
Internal gain			3780	Btuh
Duct gain			4499	Btuh
Sens. Ventilation	0	cfm	0	Btuh
<b>Total sensible gain</b>			<b>25445</b>	<b>Btuh</b>
Latent gain(ducts)			1679	Btuh
Latent gain(infiltration)			3494	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
<b>Total latent gain</b>			<b>6373</b>	<b>Btuh</b>
<b>TOTAL HEAT GAIN</b>			<b>31818</b>	<b>Btuh</b>



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY:

DATE: 3/17/09 ERN T. Samscoy

# System Sizing Calculations - Winter

## Residential Load - Whole House Component Details

Barrington  
162 NE Dew Drop Way  
Lake City, FL

Project Title:  
903104MiltonBuildersBarringtonRes.

Class 3 Rating  
Registration No. 0  
Climate: North

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

3/17/2009

This calculation is for Worst Case. The house has been rotated 315 degrees.

### Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, SHGC=0.5, Metal, 0.30	NW	20.0		11.1	222 Btuh
2	2, SHGC=0.5, Metal, 0.30	NW	15.0		11.1	166 Btuh
3	2, SHGC=0.5, Metal, 0.30	NW	15.0		11.1	166 Btuh
4	2, SHGC=0.5, Metal, 0.30	SW	10.0		11.1	111 Btuh
5	2, SHGC=0.5, Metal, 0.30	W	10.0		11.1	111 Btuh
6	2, SHGC=0.5, Metal, 0.30	NW	15.0		11.1	166 Btuh
7	2, SHGC=0.5, Metal, 0.30	N	10.0		11.1	111 Btuh
8	2, SHGC=0.5, Metal, 0.30	NW	30.0		11.1	333 Btuh
9	2, SHGC=0.5, Metal, 0.30	NE	15.0		11.1	166 Btuh
10	2, SHGC=0.5, Metal, 0.30	SE	36.0		11.1	400 Btuh
11	2, SHGC=0.5, Metal, 0.30	SE	36.0		11.1	400 Btuh
12	2, SHGC=0.5, Metal, 0.30	SE	24.0		11.1	266 Btuh
13	2, SHGC=0.5, Metal, 0.30	SW	4.0		11.1	44 Btuh
Window Total			240(sqft)			2664 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1566		3.3	5143 Btuh
2	Frame - Wood - Adj(0.09)	13.0	244		3.3	801 Btuh
Wall Total			1810			5944 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		20		12.9	259 Btuh
2	Insulated - Adjacent		20		12.9	259 Btuh
3	Insulated - Exterior		6		12.9	78 Btuh
Door Total			46			596Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2197		1.2	2589 Btuh
Ceiling Total			2197			2589Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	262.0 ft(p)		43.7	11439 Btuh
Floor Total			262			11439 Btuh
Zone Envelope Subtotal:						23232 Btuh
Infiltration	Type	ACH	Zone Volume		CFM=	
	Natural	0.66	16872		185.6	7518 Btuh
Ductload	Partially sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.10)					3222 Btuh
Zone #1	Sensible Zone Subtotal					33971 Btuh

# Manual J Winter Calculations

## Residential Load - Component Details (continued)

Barruington  
162 NE Dew Drop Way  
Lake City, FL

Project Title:  
903104MiltonBuildersBarringtonRes.

Class 3 Rating  
Registration No. 0  
Climate: North

3/17/2009

### WHOLE HOUSE TOTALS

	Subtotal Sensible	33971 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	33971 Btuh

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

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



For Florida residences only



# System Sizing Calculations - Winter

## Residential Load - Room by Room Component Details

Barruington  
162 NE Dew Drop Way  
Lake City, FL

Project Title:  
903104MiltonBuildersBarringtonRes.

Class 3 Rating  
Registration No. 0  
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F  
This calculation is for Worst Case. The house has been rotated 315 degrees.

3/17/2009

### Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, SHGC=0.5, Metal, 0.30	NW	20.0		11.1	222 Btuh
2	2, SHGC=0.5, Metal, 0.30	NW	15.0		11.1	166 Btuh
3	2, SHGC=0.5, Metal, 0.30	NW	15.0		11.1	166 Btuh
4	2, SHGC=0.5, Metal, 0.30	SW	10.0		11.1	111 Btuh
5	2, SHGC=0.5, Metal, 0.30	W	10.0		11.1	111 Btuh
6	2, SHGC=0.5, Metal, 0.30	NW	15.0		11.1	166 Btuh
7	2, SHGC=0.5, Metal, 0.30	N	10.0		11.1	111 Btuh
8	2, SHGC=0.5, Metal, 0.30	NW	30.0		11.1	333 Btuh
9	2, SHGC=0.5, Metal, 0.30	NE	15.0		11.1	166 Btuh
10	2, SHGC=0.5, Metal, 0.30	SE	36.0		11.1	400 Btuh
11	2, SHGC=0.5, Metal, 0.30	SE	36.0		11.1	400 Btuh
12	2, SHGC=0.5, Metal, 0.30	SE	24.0		11.1	266 Btuh
13	2, SHGC=0.5, Metal, 0.30	SW	4.0		11.1	44 Btuh
Window Total			240(sqft)			2664 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1566		3.3	5143 Btuh
2	Frame - Wood - Adj(0.09)	13.0	244		3.3	801 Btuh
Wall Total			1810			5944 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		20		12.9	259 Btuh
2	Insulated - Adjacent		20		12.9	259 Btuh
3	Insulated - Exterior		6		12.9	78 Btuh
Door Total			46			596Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2197		1.2	2589 Btuh
Ceiling Total			2197			2589Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	262.0 ft(p)		43.7	11439 Btuh
Floor Total			262			11439 Btuh
Zone Envelope Subtotal:						23232 Btuh
Infiltration	Type	ACH	Zone Volume		CFM=	
	Natural	0.66	16872		185.6	7518 Btuh
Ductload	Partially sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.10)					3222 Btuh
Zone #1	Sensible Zone Subtotal					33971 Btuh

# Manual J Winter Calculations

## Residential Load - Component Details (continued)

Barruington  
162 NE Dew Drop Way  
Lake City, FL

Project Title:  
903104MiltonBuildersBarringtonRes.

Class 3 Rating  
Registration No. 0  
Climate: North

3/17/2009

### WHOLE HOUSE TOTALS

	Subtotal Sensible	33971 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	33971 Btuh

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

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



For Florida residences only

# System Sizing Calculations - Summer

## Residential Load - Whole House Component Details

Barruington  
162 NE Dew Drop Way  
Lake City, FL

Project Title:  
903104MiltonBuildersBarringtonRes.

Class 3 Rating  
Registration No. 0  
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F  
This calculation is for Worst Case. The house has been rotated 315 degrees.

3/17/2009

### Component Loads for Whole House

Window	Type*		Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, SHGC=0.5, 0.30, None,N,N	NW	1.5ft	6ft.	20.0	0.0	20.0	16	39	777	Btuh
2	2, SHGC=0.5, 0.30, None,N,N	NW	13ft.	6ft.	15.0	0.0	15.0	16	39	583	Btuh
3	2, SHGC=0.5, 0.30, None,N,N	NW	13ft.	6ft.	15.0	0.0	15.0	16	39	583	Btuh
4	2, SHGC=0.5, 0.30, None,N,N	SW	99ft.	8ft.	10.0	10.0	0.0	16	41	157	Btuh
5	2, SHGC=0.5, 0.30, None,N,N	W	9ft.	0ft.	10.0	10.0	0.0	16	53	157	Btuh
6	2, SHGC=0.5, 0.30, None,N,N	NW	6ft.	6ft.	15.0	0.0	15.0	16	39	583	Btuh
7	2, SHGC=0.5, 0.30, None,N,N	N	99ft.	6ft.	10.0	0.0	10.0	16	16	157	Btuh
8	2, SHGC=0.5, 0.30, None,N,N	NW	1.5ft	6ft.	30.0	0.0	30.0	16	39	1166	Btuh
9	2, SHGC=0.5, 0.30, None,N,N	NE	1.5ft	0ft.	15.0	0.0	15.0	16	39	583	Btuh
10	2, SHGC=0.5, 0.30, None,N,N	SE	7ft.	7ft.	36.0	36.0	0.0	16	41	564	Btuh
11	2, SHGC=0.5, 0.30, None,N,N	SE	0ft.	0ft.	36.0	0.0	36.0	16	41	1466	Btuh
12	2, SHGC=0.5, 0.30, None,N,N	SE	1.5ft	7ft.	24.0	6.1	17.9	16	41	825	Btuh
13	2, SHGC=0.5, 0.30, None,N,N	SW	1.5ft	2ft.	4.0	4.0	0.0	16	41	63	Btuh
Window Total					240 (sqft)					7664 Btuh	
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load	
1	Frame - Wood - Ext	13.0/0.09			1566.0			2.1		3266 Btuh	
2	Frame - Wood - Adj	13.0/0.09			244.0			1.5		368 Btuh	
Wall Total					1810 (sqft)					3635 Btuh	
Doors	Type				Area (sqft)			HTM		Load	
1	Insulated - Exterior				20.0			9.8		196 Btuh	
2	Insulated - Adjacent				20.0			9.8		196 Btuh	
3	Insulated - Exterior				6.0			9.8		59 Btuh	
Door Total					46 (sqft)					451 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle	30.0			2197.0			1.7		3638 Btuh	
Ceiling Total					2197 (sqft)					3638 Btuh	
Floors	Type	R-Value			Size			HTM		Load	
1	Slab On Grade	0.0			262 (ft(p))			0.0		0 Btuh	
Floor Total					262.0 (sqft)					0 Btuh	
Zone Envelope Subtotal:										15387 Btuh	
Infiltration	Type	ACH			Volume(cuft)			CFM=		Load	
	SensibleNatural	0.34			16872			95.6		1779 Btuh	
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
	6			X 230 +			2400		3780 Btuh		
Duct load	Partially sealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.21		4498.6 Btuh	
Sensible Zone Load										25445 Btuh	

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Barrington  
162 NE Dew Drop Way  
Lake City, FL

Project Title:  
903104MiltonBuildersBarringtonRes.

Class 3 Rating  
Registration No. 0  
Climate: North

3/17/2009

### WHOLE HOUSE TOTALS

<b>Whole House Totals for Cooling</b>	<b>Sensible Envelope Load All Zones</b>	<b>20947 Btuh</b>
	Sensible Duct Load	4499 Btuh
	<b>Total Sensible Zone Loads</b>	<b>25445 Btuh</b>
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	<b>Total sensible gain</b>	<b>25445 Btuh</b>
	Latent infiltration gain (for 54 gr. humidity difference)	3494 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1679 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	<b>Latent total gain</b>	<b>6373 Btuh</b>
	<b>TOTAL GAIN</b>	<b>31818 Btuh</b>

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



For Florida residences only



# System Sizing Calculations - Summer

## Residential Load - Room by Room Component Details

Barruington  
162 NE Dew Drop Way  
Lake City, FL

Project Title:  
903104MiltonBuildersBarringtonRes.

Class 3 Rating  
Registration No. 0  
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F  
This calculation is for Worst Case. The house has been rotated 315 degrees.

3/17/2009

### Component Loads for Zone #1: Main

Window	Type*			Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, SHGC=0.5, 0.30, None,N,N	NW		1.5ft	6ft.	20.0	0.0	20.0	16	39	777	Btuh
2	2, SHGC=0.5, 0.30, None,N,N	NW		13ft.	6ft.	15.0	0.0	15.0	16	39	583	Btuh
3	2, SHGC=0.5, 0.30, None,N,N	NW		13ft.	6ft.	15.0	0.0	15.0	16	39	583	Btuh
4	2, SHGC=0.5, 0.30, None,N,N	SW		99ft.	8ft.	10.0	10.0	0.0	16	41	157	Btuh
5	2, SHGC=0.5, 0.30, None,N,N	W		9ft.	0ft.	10.0	10.0	0.0	16	53	157	Btuh
6	2, SHGC=0.5, 0.30, None,N,N	NW		6ft.	6ft.	15.0	0.0	15.0	16	39	583	Btuh
7	2, SHGC=0.5, 0.30, None,N,N	N		99ft.	6ft.	10.0	0.0	10.0	16	16	157	Btuh
8	2, SHGC=0.5, 0.30, None,N,N	NW		1.5ft	6ft.	30.0	0.0	30.0	16	39	1166	Btuh
9	2, SHGC=0.5, 0.30, None,N,N	NE		1.5ft	0ft.	15.0	0.0	15.0	16	39	583	Btuh
10	2, SHGC=0.5, 0.30, None,N,N	SE		7ft.	7ft.	36.0	36.0	0.0	16	41	564	Btuh
11	2, SHGC=0.5, 0.30, None,N,N	SE		0ft.	0ft.	36.0	0.0	36.0	16	41	1466	Btuh
12	2, SHGC=0.5, 0.30, None,N,N	SE		1.5ft	7ft.	24.0	6.1	17.9	16	41	825	Btuh
13	2, SHGC=0.5, 0.30, None,N,N	SW		1.5ft	2ft.	4.0	4.0	0.0	16	41	63	Btuh
	Window Total					240 (sqft)					7664 Btuh	
Walls	Type			R-Value/U-Value		Area(sqft)			HTM		Load	
1	Frame - Wood - Ext			13.0/0.09		1566.0			2.1		3266 Btuh	
2	Frame - Wood - Adj			13.0/0.09		244.0			1.5		368 Btuh	
	Wall Total					1810 (sqft)					3635 Btuh	
Doors	Type					Area (sqft)			HTM		Load	
1	Insulated - Exterior					20.0			9.8		196 Btuh	
2	Insulated - Adjacent					20.0			9.8		196 Btuh	
3	Insulated - Exterior					6.0			9.8		59 Btuh	
	Door Total					46 (sqft)					451 Btuh	
Ceilings	Type/Color/Surface			R-Value		Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle			30.0		2197.0			1.7		3638 Btuh	
	Ceiling Total					2197 (sqft)					3638 Btuh	
Floors	Type			R-Value		Size			HTM		Load	
1	Slab On Grade			0.0		262 (ft(p))			0.0		0 Btuh	
	Floor Total					262.0 (sqft)					0 Btuh	
	Zone Envelope Subtotal:										15387 Btuh	
Infiltration	Type			ACH		Volume(cuft)			CFM=		Load	
	SensibleNatural			0.34		16872			95.6		1779 Btuh	
Internal gain				Occupants		Btuh/occupant			Appliance		Load	
				6		X 230 +			2400		3780 Btuh	
Duct load	Partially sealed, R6.0, Supply(Attic), Return(Attic)								DGM = 0.21		4498.6 Btuh	
	Sensible Zone Load										25445 Btuh	

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Barruington  
162 NE Dew Drop Way  
Lake City, FL

Project Title:  
903104MiltonBuildersBarringtonRes.

Class 3 Rating  
Registration No. 0  
Climate: North

3/17/2009

### WHOLE HOUSE TOTALS

<b>Whole House Totals for Cooling</b>	<b>Sensible Envelope Load All Zones</b>	<b>20947 Btuh</b>
	Sensible Duct Load	4499 Btuh
	<b>Total Sensible Zone Loads</b>	<b>25445 Btuh</b>
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	<b>Total sensible gain</b>	<b>25445 Btuh</b>
	Latent infiltration gain (for 54 gr. humidity difference)	3494 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1679 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	<b>Latent total gain</b>	<b>6373 Btuh</b>
	<b>TOTAL GAIN</b>	<b>31818 Btuh</b>

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



For Florida residences only

# Residential Window Diversity

## MidSummer

Barrington  
162 NE Dew Drop Way  
Lake City, FL

Project Title:  
903104MiltonBuildersBarringtonRes.

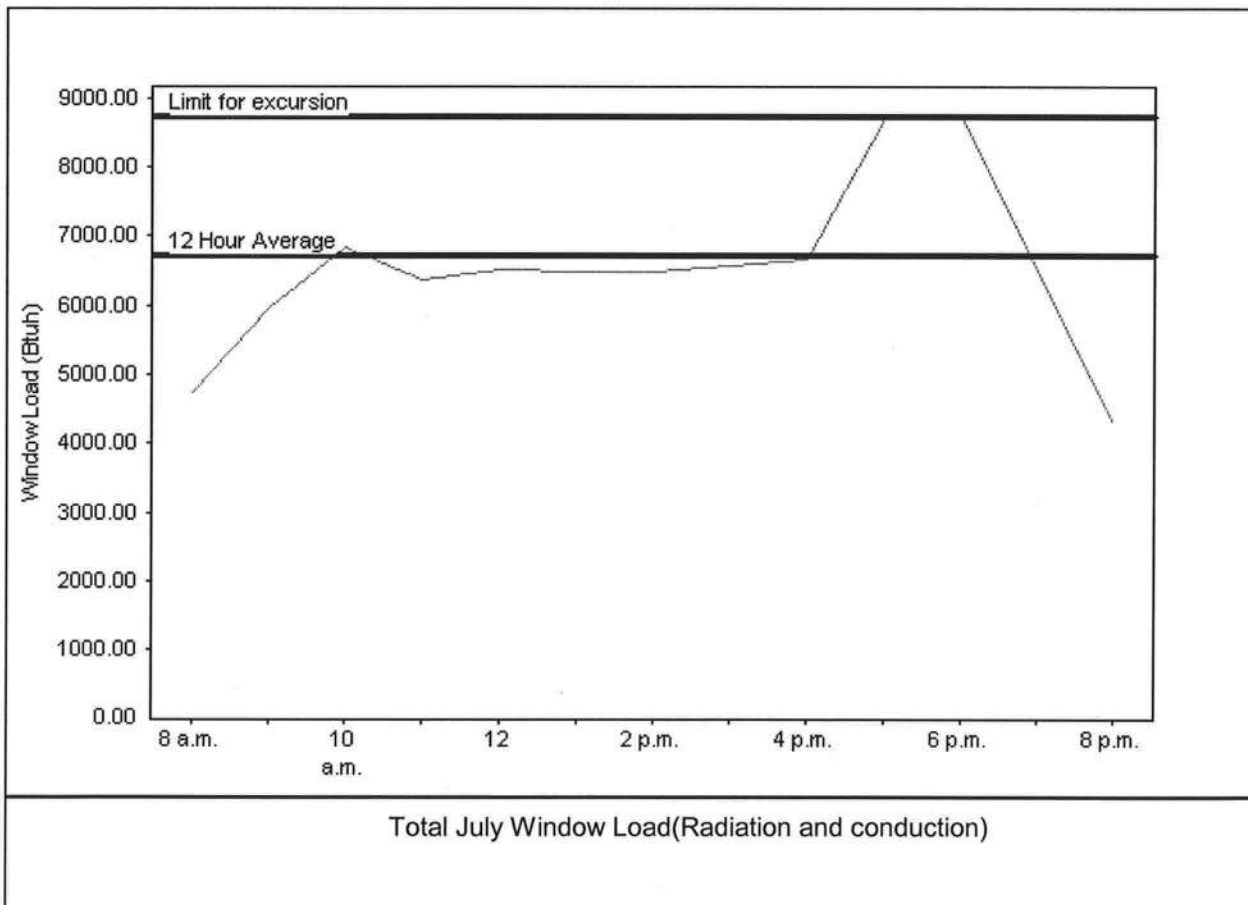
Class 3 Rating  
Registration No. 0  
Climate: North

3/17/2009

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	6708 Btuh
Summer setpoint	75 F	Peak window load for July	8728 Btuh
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	8721 Btuh
Latitude	29 North	Window excursion (July)	7 Btuh

### WINDOW Average and Peak Loads



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

EnergyGauge® System Sizing for Florida residences only

PREPARED BY:

DATE: 3/17/09 EVAN BEANS

EnergyGauge® FLR2PB v4.1



37A6

**ROOFING ASSEMBLY APPROVAL**

**Category:** Roofing  
**Sub-Category:** 07310 Asphalt Shingles  
**Materials**  
**Deck Type:** 3-Tabs  
 Wood

**1. SCOPE**

This revises CertainTeed CT 20, CT 20 AR, XT-25, XT-25 AR, XT-30 XT-30 AR and Patriot AR Three Tab Shingles as manufactured by CertainTeed Corporation described in Section 2 of this Notice of Acceptance.

**2. PRODUCT DESCRIPTION**

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
CertainTeed CT-20 & CertainTeed CT-20 AR	12" x 36"	TAS 100	A heavyweight, fiberglass reinforced 3-tab asphalt shingle.
CertainTeed XT-25 & CertainTeed XT-25 AR	12" x 36"	TAS 100	A heavyweight, fiberglass reinforced 3-tab asphalt shingle.
CertainTeed XT-30 & CertainTeed XT-30 AR	12" x 36"	TAS 100	A heavyweight, fiberglass reinforced 3-tab asphalt shingle.
CertainTeed Patriot AR	12" x 36"	TAS 100	A heavyweight, fiberglass reinforced 3-tab asphalt shingle.
Accessory Shingles	various	proprietary	Accessory shingles for hip, ridge and starter strip applications.

**3. EVIDENCE SUBMITTED:**

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Celotex Corporation Testing Services	PA 100	Uplift and wind driven rain resistance	11/14/97
Underwriters Laboratories, Inc.	R684	UL 790	06/04/96
Celotex Corporation	520113-2	Uplift and wind driven rain resistance PA 100-95	01/11/99
Underwriters Laboratories, Inc.	94NK9632	Wind uplift resistance PA 107	01/05/99
Underwriters Laboratories, Inc.	99NK4838	Material properties ASTM 3462	05/14/98
Underwriters Laboratories, Inc	Letter	Fire Resistance ASTM E108	03/03/99

**4. LIMITATIONS**

- 4.1 Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
- 4.2 Shall not be installed on roof mean heights in excess of 33 ft.



NOA No.: 02-1216.05  
 Expiration Date: 06/14/06  
 Approval Date: 03/06/03  
 Page 2 of 4



## 5. INSTALLATION

- 5.1 Shingles shall be installed in compliance with Roofing Application Standard RAS 115.
- 5.2 Flashing shall be in accordance with Roofing Application Standard RAS 115
- 5.3 The manufacturer shall provide clearly written application instructions.
- 5.4 Exposure and course layout shall be in compliance with Detail 'A', attached.
- 5.5 Nailing shall be in compliance with Detail 'B', attached.

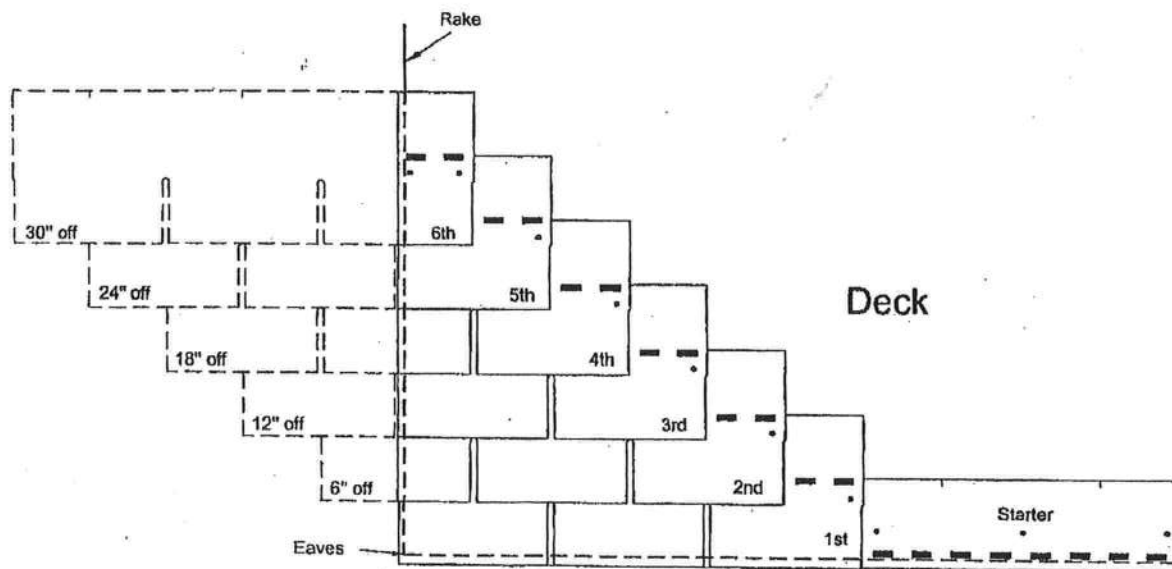
## 6. LABELING

- 6.1 Shingles shall be labeled with the Miami-Dade Logo or the wording "Miami-Dade County Product Control Approved".

## 7. BUILDING PERMIT REQUIREMENTS

- 7.1 Application for building permit shall be accompanied by copies of the following:
  - 7.1.1 This Notice of Acceptance.
  - 7.1.2 Any other documents required by the Building Official or the applicable code in order to properly evaluate the installation of this system.

**DETAIL A**

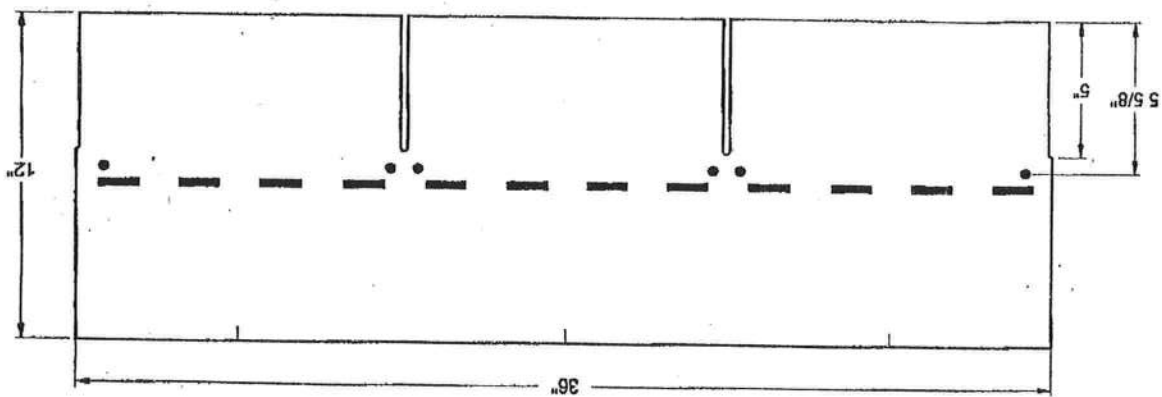


NOA No.: 02-1216.05  
Expiration Date: 06/14/06  
Approval Date: 03/06/03  
Page 3 of 4



NOA No.: 02-1216.05  
Expiration Date: 06/14/06  
Approval Date: 03/06/03  
Page 4 of 4

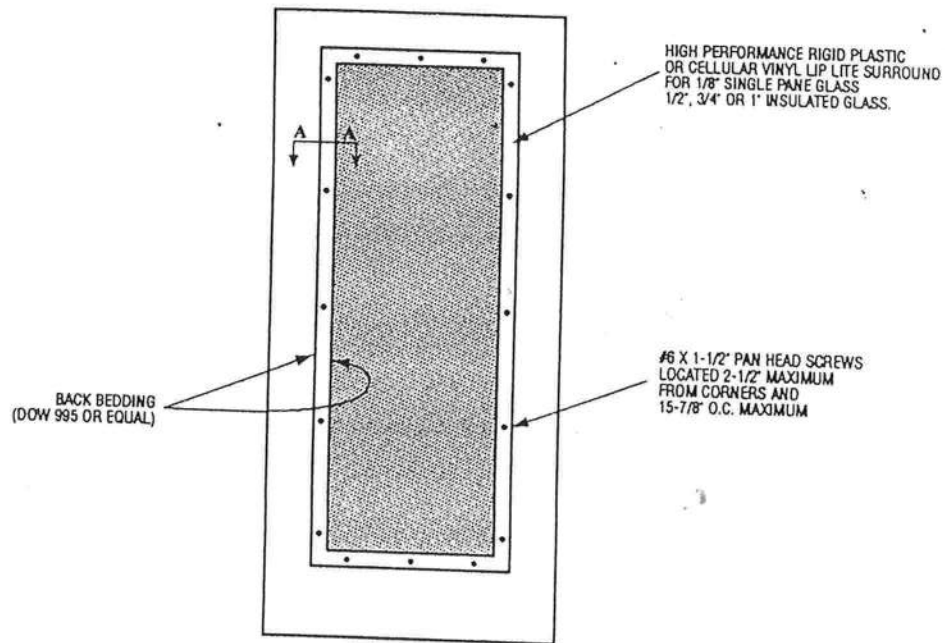
END OF THIS ACCEPTANCE



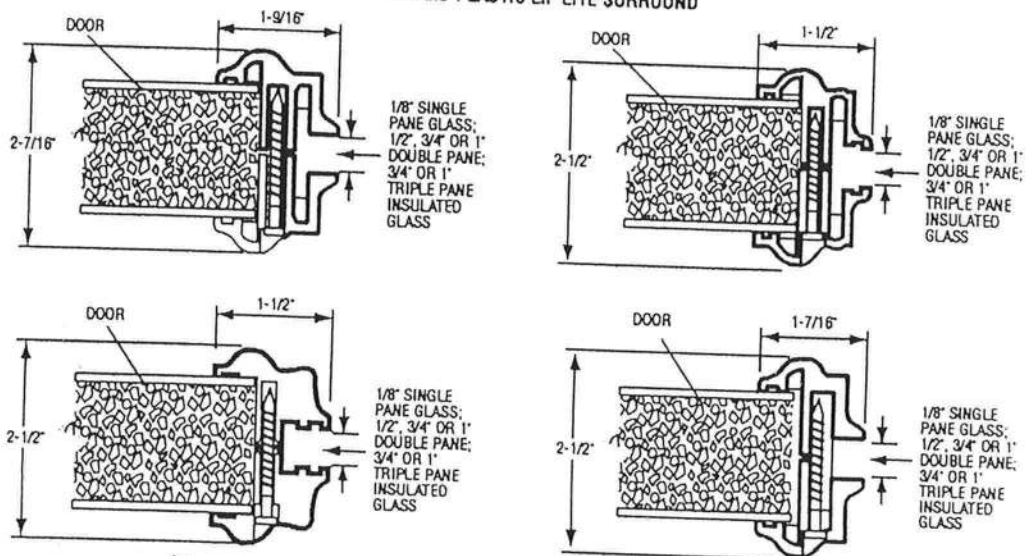
DETAIL B

MAD-WL-MA0041-02

# GLASS INSERT IN DOOR OR SIDELITE PANEL



## SECTION A-A TYPICAL RIGID PLASTIC LIP LITE SURROUND



1

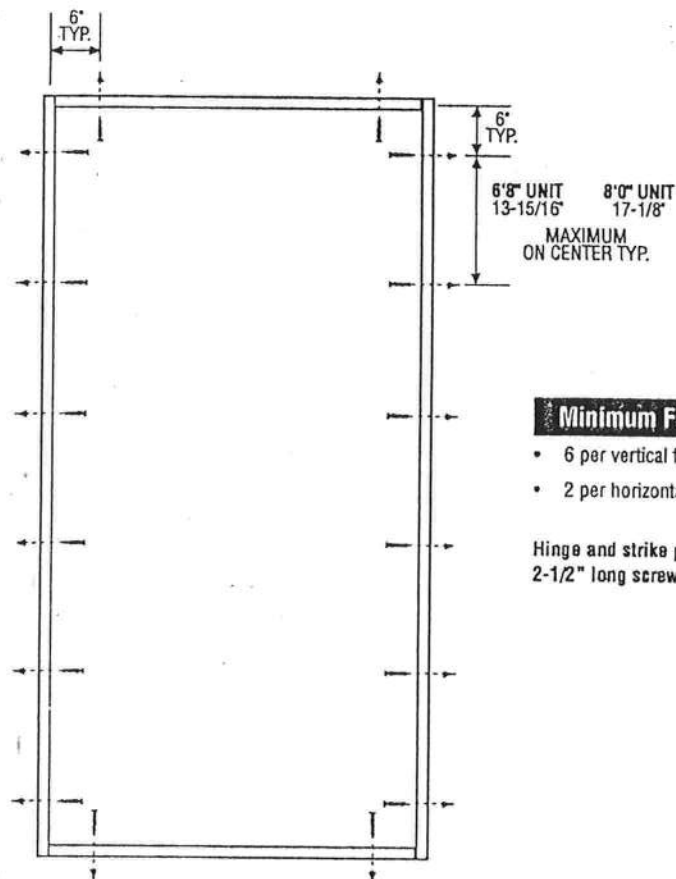
March 29, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMIER Collection  
Premium Quality Doors



Exclusively from  
**Masonite**  
Masonite International Corporation



#### Minimum Fastener Count

- 6 per vertical framing member
- 2 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

#### Latching Hardware:

- Compliance requires that GRADE 2 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 3146, 3161 or 3166**  
Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel – (1) at top and (1) at bottom.

#### Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

1

March 29, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



Exclusively from  
**Masonite**  
Masonite International Corporation



Door Model	Gauge	Decimal
2250/2251	25	.0135
4250/4251	25	.0135
2240/2241	24	.0225
4240/4241	24	.0225
5240/5241	24	.0225

door height	section quantity	stud quantity	stake quantity per side
6'-6" to 7'-0"	4	7	3
7'-6" to 8'-0"	5	8	4
8'-3" to 8'-9"	5	9	4
9'-0" to 10'-6"	6	11	5
10'-9" to 12'-3"	7	13	6
12'-6" to 14'-0"	8	15	7

Refer to Supplemental Instructions for stud placement on doors over 7'-0" high

Track Bracket Chart	door height									
	6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"	9'-0"
D	N/A	N/A	N/A	72"	69"	72"	81"	84"	87"	87"
C	60"	63"	66"	58"	55"	58"	60"	63"	66"	66"
B	35"	35"	34"	34"	31"	34"	32"	35"	39"	39"
A	10"	7"	10"	10"	7"	10"	4"	7"	10"	10"

Track bracket locations shown above are for doors up to five sections high. Additional door sections may be added for a maximum door height of 14'-0". One track bracket (per track) must be added for each section and spaced at a distance not greater than the corresponding section height.

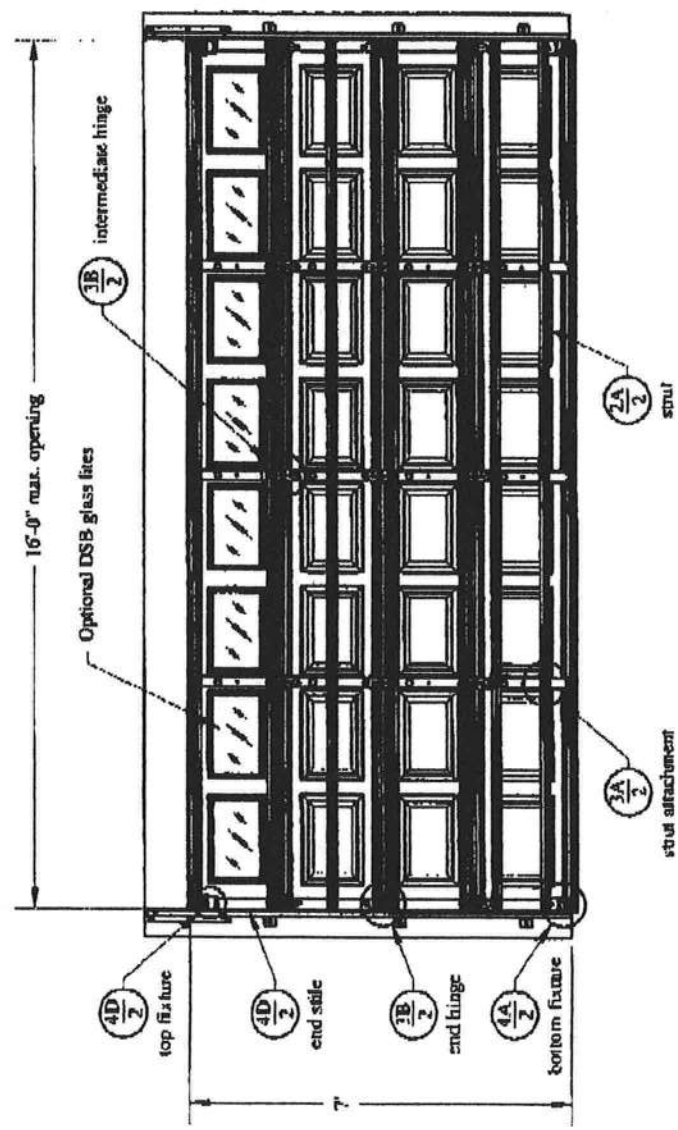
C.H.I. Drawing: Z3-1607-01300

FL 5519

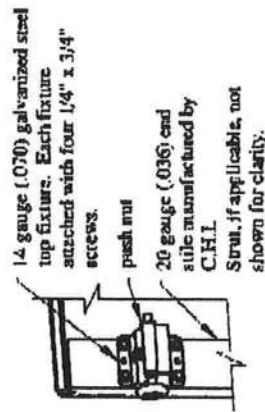
John B. Seares, P.E.  
 1411 LeMay Street #205  
 Carrollton, Texas 75007  
 Florida P.E. # 51737

Professional Engineer's seal provided  
 only for verification of windload  
 construction details

This door has been tested in accordance with ANSI A581-A 108-2002  
 Design Pressure (DP): 18.2 psf / 20.7 meq  
 Test Pressure (TP): 27.8 psf / 31.1 meq  
 Per 2004 FBC Table 1609.6E, DP exceeds or exceeds basic wind speed of:  
 V = 110 MPH for Exposure B and mean roof height of 30' or less  
 V = 93 MPH for Exposure C and mean roof height of 30' or less  
 Maximum door size: 18'-0" wide by 14'-0" tall  
 Glazing and door have not been tested for windborne debris.  
 Wood buck and supporting structural elements shall be designed by a  
 registered professional engineer for wind loads shown on this drawing.  
 If door is not electrically operated, a lock must be installed.



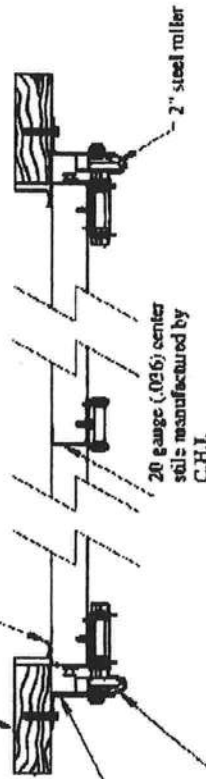
Details on some views may have been omitted for clarity.



2" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4" x 5/8" track bolt and nut.

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

2" x 7/16" (nominal) Step molding required (not supplied by C.H.I.)

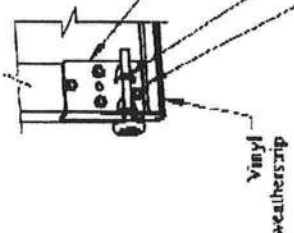


End Hinge  
16 gauge (.058) galvanized steel end hinge fastened to section with four 1/4" x 3/4" screws.

Intermediate Hinge  
18 gauge (.047) galvanized steel intermediate hinge fastened to section with four 1/4" x 3/4" screws.

2" steel track roller.

12 gauge (.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.



20 gauge (.034) 33 ksi galvanized steel 3" strut attached with two 1/4" x 3/4" screws per stile or hinge plate.

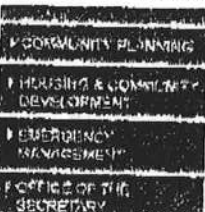
Professional Engineer's seal provided only for verification of windload construction details

John E. Scates, P.E.  
1411 LeMay Street #205  
Carrollton, Texas 75007  
Florida P.E. # 51737

Design Load: 18.5 pos / 20.7 neg  
Test Load: 27.8 pos / 31.1 neg  
page 2 of 2

C.H.I. Drawing: 23-1607-01100

# FLORIDA DEPARTMENT OF Community Affairs



BCIS Home | Log In | Hot Topics | Submit Surcharge | Stats & Facts | Publications | FBC Staff | BCIS Site Map | Links | Search



## Product Approval

USER: Public User

Product Approval Menu > Product or Application Search > Application List > **Application Detail**

FL # FL1214-R1  
Application Type Revision  
Code Version 2004  
Application Status Approved  
Comments  
Archived ☐

Product Manufacturer Alenco  
Address/Phone/Email 615 Carson  
Bryan, TX 77802  
(979) 779-1051 ext 333  
chahn@alenco.com

Authorized Signature Martin Koppers  
mkoppers@alenco.com

Technical Representative Martin Koppers  
Address/Phone/Email 615 Carson St.  
Bryan, TX 77802  
mkoppers@alenco.com

Quality Assurance Representative  
Address/Phone/Email

Category Windows  
Subcategory Single Hung

Compliance Method Certification Mark or Listing

Certification Agency National Accreditation & Management Institute,

Referenced Standard and Year (of Standard) **Standard** **Year**  
AAMA/NWWDA 101/I.S.2 1997

Equivalence of Product Standards Certified By

Sections from the Code 1707.4.2.1

Product Approval Method Method 1 Option A

Date Submitted 06/08/2005  
Date Validated 08/04/2005  
Date Pending FBC Approval 06/18/2005  
Date Approved 08/05/2005

**Summary of Products**

FL #	Model, Number or Name	Description
1214.1	1111	Vinyl Tilt Single Hung
<b>Limits of Use (See Other)</b> <b>Approved for use in HVHZ:</b> <b>Approved for use outside HVHZ:</b> <b>Impact Resistant:</b> <b>Design Pressure: +/-</b> <b>Other:</b> 1111: 48X72 R(35) Tested with DS annealed, 44X72 R(40) Tested with SS annealed. For smaller window sizes, glass to comply with ASTM E1300-02.		<b>Certification Agency Certificate</b> <b>Installation Instructions</b> PTID_1214_R1_1_FL INSTALLATION INSTRUCTIONS - Aluminum_B.pdf PTID_1214_R1_1 INSTALLATION INSTRUCTIONS - Vinyl_B.pdf Verified By:
1214.2	3753	Aluminum Tilt Single Hung
<b>Limits of Use (See Other)</b> <b>Approved for use in HVHZ:</b> <b>Approved for use outside HVHZ:</b> <b>Impact Resistant:</b> <b>Design Pressure: +/-</b> <b>Other:</b> 3753: 44X72 R(40) Tested with Tested with DS annealed. For smaller window sizes, glass to comply with ASTM E1300-02.		<b>Certification Agency Certificate</b> <b>Installation Instructions</b> Verified By:
1214.3	4710F	Aluminum Single Hung
<b>Limits of Use (See Other)</b> <b>Approved for use in HVHZ:</b> <b>Approved for use outside HVHZ:</b> <b>Impact Resistant:</b> <b>Design Pressure: +/-</b> <b>Other:</b> 4710F: 48X72 R(40)/DP(50), Tested with DS annealed glass. For smaller window sizes, glass to comply with ASTM E1300-02.		<b>Certification Agency Certificate</b> <b>Installation Instructions</b> Verified By:

[Back](#)[Next](#)

DCA Administration

Department of Community Affairs  
Florida Building Code Online  
Codes and Standards

2555 Shumard Oak Boulevard  
Tallahassee, Florida 32399-2100

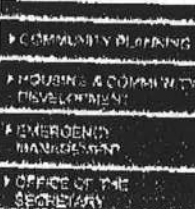
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

© 2000-2005 The State of Florida. All rights reserved. Copyright and Disclaimer

Product Approval Accepts:





FLORIDA DEPARTMENT OF  
**Community Affairs**[BCIS Home](#) | [Log In](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [FBC Staff](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)**Product Approval**  
USER: Public User[Product Approval Menu](#) > [Product or Application Search](#) > [Application Detail](#)

FL #	FL1262-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	<input type="checkbox"/>

Product Manufacturer	Alenco
Address/Phone/Email	615 Carson Bryan, TX 77802 (979) 779-7770 ext 343 mkoppers@alenco.com

Authorized Signature	Martin Koppers mkoppers@alenco.com
----------------------	---------------------------------------

Technical Representative	Martin Koppers
Address/Phone/Email	615 Carson St. Bryan, TX 77802 mkoppers@alenco.com

Quality Assurance Representative	
Address/Phone/Email	

Category	Windows
Subcategory	Fixed

Compliance Method	Certification Mark or Listing
-------------------	-------------------------------

Certification Agency	National Accreditation & Management Institute,
----------------------	--

Referenced Standard and Year (of Standard)	<b>Standard</b> ANSI/AAMA 101/I.S.2-97	<b>Year</b> 1997
--	---	---------------------

Equivalence of Product Standards Certified By	
---	--

Sections from the Code	1707.4.2.1
------------------------	------------

Product Approval Method	Method 1 Option A
-------------------------	-------------------

# PRODUCT APPROVAL SPECIFICATION SHEET

Location: Columbia Co.

Project Name: Barrington House

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Johnson	Steel Ext Door	3026447A-001
2. Sliding			
3. Sectional			
4. Roll up	Ashley	Garage Door	
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	Alenco	Single hung tilt model 3753	1214,2
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	Ashley	Brick Veneer	F1406
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other sheathing			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	Certainteed	Roof Shingles	02-0110.03
2. Underlayments	Woodland	#30 Felt	FL-1814
3. Roofing Fasteners	Senco	Roof Nails	PPM 3378
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
<b>E. SHUTTERS</b>			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
<b>F. SKYLIGHTS</b>			
1. Skylight			
2. Other			
<b>G. STRUCTURAL COMPONENTS</b>			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other	Lingboard	OSB Roof & wall sheathing	PSZ-92 PRP-133
<b>H. NEW EXTERIOR ENVELOPE PRODUCTS</b>			
1.			
2.			

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

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

J. M. L.  
Contractor or Contractor's Authorized Agent Signature

Jay Milton 3-16-09  
Print Name Date

Location

Permit # (FOR STAFF USE ONLY)



The coverage chart is based on settled thickness and a nominal bag weight of 30 lbs. Use this chart for estimating purposes only. Actual coverage will be influenced by job conditions, equipment settings and application techniques. To obtain optimum performance from this product, we recommend maintaining moisture content within an 18-22% range for ceiling applications. This product is not intended for spray-applied wall applications or dry loose-fill applications. You must add water to this product.

This attic has been insulated to: **R-30**  
The walls have been insulated to: **R-**  
The floors have been insulated to: **R-**

Insulation has been installed to the R-value indicated above, with Cocoon, the high-efficiency insulation. Made from a minimum of 80% recycled materials, Cocoon is scientifically formulated to deliver greater efficiency per inch than other insulation materials.

R-Value is a measure of resistance to heat flow – the higher the R-value, the greater the insulation power.

If you would like to add more insulation to your home, contact your Cocoon dealer.  
Residence Address: Barrington #000027718  
162 DewDrop Lane  
Lake City, FL 32025  
Installed by: Sikes Insulation Inc. 386 935-2387

Builder Company Name: Jay Milton Construction  
Builder Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

Cocoon? is a registered trademark of GreenFiber © 2006 US GreenFiber LLC. All rights reserved. Printed in USA. PM-6.3-12 Rev. C

#27718

Cocoon2 Stabilized Insulation - 30 lb. bag Product # INS500

R-Value @ 75°F Mean Temperature	Minimum Thickness (inches)		Maximum Net Coverage (No Adjustment for Framing)		
	Installed Insulation Should Not Be Less Than:	Thickness After Settling	Maximum Square Feet per Bag	Minimum Bags per 1,000 Square Feet	Minimum Weight per Square Foot (lbs.)
R-11	3.06	2.97	125.9	7.9	0.238
R-13	3.62	3.51	100.2	10.0	0.299
R-19	5.29	5.14	60.4	16.6	0.497
R-20	5.57	5.41	56.5	17.7	0.531
R-21	5.85	5.68	53.0	18.9	0.566
R-22	6.13	5.95	49.9	20.1	0.602
R-24	6.69	6.49	44.5	22.5	0.674
R-30	8.36	8.11	33.4	29.9	0.897
R-32	8.92	8.65	30.8	32.5	0.974
R-38	10.59	10.27	24.8	40.3	1.210
R-40	11.15	10.81	23.2	43.0	1.291
R-44	12.26	11.89	20.6	48.5	1.454
R-48	13.37	12.97	18.5	54.0	1.621
R-50	13.93	13.51	17.6	56.8	1.705
R-60	16.72	16.22	14.0	71.2	2.136

CERTIFICATION

**Attic:** Cocoon2, manufactured by GreenFiber.  
This is to certify that the attic insulation has been installed in conformance with the coverage chart recommendations above using 602 bags to cover 1995 sq. ft. to obtain an R-value of 30.

**Walls:** Cocoon2 Stabilized Borate Formula, manufactured by GreenFiber.  
This is to certify that the wall insulation has been installed in conformance with the manufacturer's recommendations to obtain the R-value of \_\_\_\_\_.

**Walls and Floors:** Type of insulation \_\_\_\_\_ Manufacturer \_\_\_\_\_  
This is to certify that the wall and floor insulations have been installed in conformance with the manufacturer's recommendations to obtain the R-Values noted above.

Installer Company Name: Sikes Insulation Inc.  
Installer Authorized Signature: [Signature] Date: 9-2-09

Manufactured in:

- Albany, NY • Elkwood, VA • Sacramento, CA
- Atlanta, GA • E. St. Louis, IL • Tampa, FL
- Charlotte, NC • Norfolk, NE • Waco, TX
- Denver, CO • Phoenix, AZ
- Delphos, OH • Salt Lake City, UT

**greenfiber**  
ph. 800-228-0024  
www.greenfiber.com



**CERTIFICATE OF OCCUPANCY**

# 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 35-3S-17-07364-000

Building permit No. 000027718

Use Classification SFD/UTILITY

Fire: 6.42

Permit Holder JAY MILTON

Waste: 16.75

Owner of Building NATHA L. BARRINGTON

Total: 23.17

Location: 162 NE DEW DROP WAY, LAKE CITY, FL 32055

Date: 09/11/2009

Wayne H. Rust

Building Inspector

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





## Notice of Treatment

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

Address: 536 SF Bayview Dr.

City Lake City Phone 252-1703

Site Location: Subdivision \_\_\_\_\_

Lot # \_\_\_\_\_ Block# \_\_\_\_\_ Permit # 27718

Address 162 NE New Drop Way

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

Type treatment:

☐ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Main Body &  
garage only

2661

212

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 \_\_\_\_\_.

4-17-07

Date

10:54

Time

F082 B.H.

Print Technician's Name

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

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©