

DATE 05/24/2005

# Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023192

APPLICANT SHANNON REGAR PHONE 754.5678  
ADDRESS POB 2187 LAKE CITY FL 32056  
OWNER PHOENIX LAND DEV. & PROP. MANAGEMENT PHONE 752.2171  
ADDRESS POB 2187 LAKE CITY FL 32056  
CONTRACTOR J.L. DUPREE CONSTR. SVCS PHONE 754.5678  
LOCATION OF PROPERTY 90-W TO C-252, TL GO TO SW RED MAPLE WAY, TL AND IT'S  
TOWARD THE CUL-DE-SAC ON L.  
TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 113900.00  
HEATED FLOOR AREA 2278.00 TOTAL AREA 3152.00 HEIGHT 24.00 STORIES 1  
FOUNDATION CONC WALLS FRAMED ROOF PITCH 8'12 FLOOR CONC  
LAND USE & ZONING RSF-2 MAX. HEIGHT 35  
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00  
NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 03-4S-16-02732-111 SUBDIVISION LAUREL LAKE  
LOT 11 BLOCK PHASE UNIT TOTAL ACRES .50

00000670 N  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
18"X24"MITERED X-05-0151 BLK N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE. PREVENTATIVE TREATMENT REPORT ON FILE. 05.24.2005.  
1 FOOT ABOVE ROAD.

Check # or Cash 1781

## FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 570.00 CERTIFICATION FEE \$ 15.76 SURCHARGE FEE \$ 15.76  
MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$  
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 676.52  
INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

### 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.



CK# 1781

**Columbia County Building Permit Application**

23192

|   |                               |                             |  |                     |
|---|-------------------------------|-----------------------------|--|---------------------|
| For Office Use Only                       | Application # <u>0505-29</u>  | Date Received <u>5/4/05</u> | By <u>OW</u>                                 | Permit# <u>6201</u> |
| Application Approved By - Zoning Official | <u>BLK</u>                    | Date <u>20.05.05</u>        | Plans Examiner <u>OK 5TH</u>                 | Date <u>5-17-05</u> |
| Flood Zone <u>LP-1</u>                    | Development Permit <u>N/A</u> | Zoning <u>RSF-2</u>         | Land use Plan map Category <u>RES. L-DEU</u> |                     |
| Comments _____                            |                               |                             |  |                     |

Applicants Name Phoenix Land Development & Property Mange. Phone 752-2171  
Address P.O Box 2187 Lake City, Florida 32056  
Owners Name Same Phone \_\_\_\_\_  
911 Address 321 SW Red Maple Way Lake City Florida 32025  
Contractors Name J.L. DuPree Construction Services Phone 386-754-5678  
Address P.O. Box 2861 Lake City Florida 32055  
Fee Simple Owner Name & Address \_\_\_\_\_  
Bonding Co. Name & Address \_\_\_\_\_  
Architect/Engineer Name & Address Freeman Design Group 161 NW Marion St.  
Mortgage Lenders Name & Address \_\_\_\_\_  
Property ID Number 03-4s-16-02732-111 Estimated Cost of Construction \$135,000.00  
Subdivision Name Laurel Lake Lot 11 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions 90W, TL 252B, TR Depoly Jett Davis Lane,  
TL on Red Maple Way, to cul-de-sac on left.  
Type of Construction Residential Number of existing dwellings on property 1  
Total Acreage 0.5056 Lot Size \_\_\_\_\_ Do You need A Culvert Permit or Culvert Waiver or Have an existing Drive  
Actual Distance of structure from property lines - Front 39' 9" Side 11' 2" Side 15' 4" Rear 139' 4"  
Total Building Height 24' Number of stories 1 Heated floor area 2278 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.

J.L. DuPree  
Owner Builder or Agent (including Contractor)

J.L. DuPree  
Contractor Signature  
Contractors License Number \_\_\_\_\_  
Competency Card Number \_\_\_\_\_

STATE OF FLORIDA  
COUNTY OF COLUMBIA

NOTARY STAMP/ SEAL CG 2060631

Sworn to (or affirmed) and subscribed before me  
This 9th day of May 20 05  
Personally known ✓ or Produced Identification

Shannon M Regar  
Notary Signature

NOTARY PUBLIC  
STATE OF FLORIDA  
Shannon M Regar  
My Commission DD364938  
Expires October 21, 2008







# BAILEY BISHOP & LANE, INC.

Engineers

Surveyors

Planners

FILED AND RECORDED IN PUBLIC  
RECORDS OF COLUMBIA COUNTY, FL

00-21511

'00 DEC 12 PM 4:13

December 11, 2000

R. Dewitt Cason  
Clerk of Court  
Columbia County, Florida

mck

RE: AFFIDAVIT: Amendment to record plat of LAUREL LAKE, recorded in Plat Book 7,  
Pages 9 and 10 of the Public Records of Columbia County, Florida

The purpose of this amendment is to correct erroneous building setback requirements stated on the  
record plat of Laurel Lake as follows:

Front - 30 feet  
Side - 15 feet

These distances are graphically shown in error on each lot as well as erroneously stated in Note No. 6 on  
Sheet 2.

Zoning for Laurel Lake is RSF-2. According to the Columbia County Land Development Regulations,  
Section 4.7, "RSF" Residential Single Family Zoning, the correct required minimum setback distances are:  
Front - 25 feet, and side - 10 feet.

The original intention was to specify on the record plat the minimum setbacks as stated in the Land  
Development Regulations.

The rear setback distance as stated on the record plat is correct.

Acknowledged by:

John M. Lane  
John M. Lane, P.S.M.  
LS 4303

EK 0916 PG0337

OFFICIAL RECORDS

Date: 12-12-2000

Debra J Channell  
My Commission CC964434  
Expires August 28, 2004

Notarized and Witnessed By:

Debra J Channell  
Debra Channell

Date: 12-12-2000

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.  
R. DEWITT CASON, CLERK OF COURTS

Marcel C Kuen  
Deputy Clerk

Dec 12, 2000



PERMIT# \_\_\_\_\_

NOTICE OF COMMENCEMENT  
COUNTY OF: COLUMBIA

STATE OF: FLORIDA

CITY OF: Lake City

\*\*\*\*\*  
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.  
\*\*\*\*\*

DESCRIPTION OF PROPERTY

SECTION: 03 TOWNSHIP: 4S RANGE: 11 TAX PARCEL #: 03-4S-16-02732-111

LOT: 11 BLOCK: SUBDIVISION: Laurel Lakes

PLATBOOK #: MAP PAGE #:

STREET ADDRESS: \_\_\_\_\_

GENERAL DESCRIPTION OF IMPROVEMENT

TO CONSTRUCT: 2278 sq. ft. single family residence

OWNER INFORMATION

NAME: Phoenix Land Development & Property Management, Inc. PHONE NUMBER: 754-2171

ADDRESS: P.O. Box 2187 Lake City

STATE: Florida ZIP CODE: 32056

INTEREST IN THE PROPERTY: Owner/Developer

FEE SIMPLE TITLEHOLDER NAME (OTHER THAN OWNER):

FEE SIMPLE TITLEHOLDER ADDRESS: \_\_\_\_\_

\*\*\*\*\*  
CONTRACTOR NAME: J.L. DUPREE PHONE NUMBER: 386-754-5678

COMPANY NAME: J.L. DUPREE CONSTRUCTION SERVICES, INC. FAX NUMBER: 386-754-5431

ADDRESS: P.O. BOX 2861 CITY: LAKE CITY

STATE: FLORIDA ZIP CODE: 32056

BONDING COMPANY: N/A

PHONE NUMBER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

FAX NUMBER: \_\_\_\_\_

CITY: \_\_\_\_\_

STATE: \_\_\_\_\_

ZIP CODE: \_\_\_\_\_

LENDER NAME: N/A

PHONE NUMBER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

FAX NUMBER: \_\_\_\_\_

CITY: \_\_\_\_\_

STATE: \_\_\_\_\_

ZIP CODE: \_\_\_\_\_

\*\*\*\*\*  
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), Florida Statute:

NAME: N/A ADDRESS: \_\_\_\_\_

CITY: STATE: ZIP CODE: \_\_\_\_\_

In addition to himself, the owner designates N/A of \_\_\_\_\_

To receive a copy of the Lienor's notice as provided in Section 713.13(1)(b) Florida Statutes.

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

SIGNATURE OF OWNER: J.L. Dupree

Sworn to and subscribed before me this 9th day of May, 2005.

Known personally/I.D. Shown \_\_\_\_\_

Notary: Shannon M Regar My commission expires: 10-21-2008



Shannon M Regar  
My Commission DD364938  
Expires October 21, 2008

Inst:2005010770 Date:05/09/2005 Time:10:24

YMK DC, P. DeWitt Cason, Columbia County B:1045 P:1338



FLORIDA ENERGY EFFICIENCY CODE  
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A


|               |                              |                      |          |
|---------------|------------------------------|----------------------|----------|
| Project Name: | Lot 11 Laurel Lakes (dupree) | Builder:             |          |
| Address:      |                              | Permitting Office:   | COLUMBIA |
| City, State:  | ,                            | Permit Number:       | 23191    |
| Owner:        |                              | Jurisdiction Number: | 221000   |
| Climate Zone: | South                        |                      |          |

|                                     |                         |  |                   |
|-------------------------------------|-------------------------|--|-------------------|
| 1. New construction or existing     | New                     | 12. Cooling systems                    |                   |
| 2. Single family or multi-family    | Single family           | a. Central Unit                        | Cap: 48.0 kBtu/hr |
| 3. Number of units, if multi-family | 1                       |  | SEER: 10.00       |
| 4. Number of Bedrooms               | 4                       | b. N/A                                 |                   |
| 5. Is this a worst case?            | No                      | c. N/A                                 |                   |
| 6. Conditioned floor area (ft²)     | 2278 ft²                |  |                   |
| 7. Glass area & type                | Single Pane Double Pane | 13. Heating systems                    |                   |
| a. Clear glass, default U-factor    | 0.0 ft² 127.8 ft²       | a. Electric Heat Pump                  | Cap: 48.0 kBtu/hr |
| b. Default tint                     | 0.0 ft² 0.0 ft²         |  | HSPF: 7.00        |
| c. Labeled U or SHGC                | 0.0 ft² 0.0 ft²         | b. N/A                                 |                   |
| 8. Floor types                      |                         | c. N/A                                 |                   |
| a. Slab-On-Grade Edge Insulation    | R=0.0, 230.9(p) ft      |  |                   |
| b. N/A                              |                         | 14. Hot water systems                  |                   |
| c. N/A                              |                         | a. LP Gas                              | Cap: 48.0 gallons |
| 9. Wall types                       |                         |  | EF: 0.66          |
| a. Frame, Wood, Exterior            | R=13.0, 1847.2 ft²      | b. N/A                                 |                   |
| b. N/A                              |                         | c. Conservation credits                |                   |
| c. N/A                              |                         | (HR-Heat recovery, Solar               |                   |
| d. N/A                              |                         | DHP-Dedicated heat pump)               |                   |
| e. N/A                              |                         | 15. HVAC credits                       | PT, CF,           |
| 10. Ceiling types                   |                         | (CF-Ceiling fan, CV-Cross ventilation, |                   |
| a. Under Attic                      | R=30.0, 2505.8 ft²      | HF-Whole house fan,                    |                   |
| b. N/A                              |                         | PT-Programmable Thermostat,            |                   |
| c. N/A                              |                         | MZ-C-Multizone cooling,                |                   |
| 11. Ducts                           |                         | MZ-H-Multizone heating)                |                   |
| a. Sup: Unc. Ret: Unc. AH: Garage   | Sup. R=64.0, 6.0 ft     |  |                   |
| b. N/A                              |                         |  |                   |

Glass/Floor Area: 0.06

Total as-built points: 28120  
Total base points: 37507

PASS

|  |  |
|--|--|
| I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. | 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. |
| PREPARED BY: <u>John H. Fuen</u>   |   |
| DATE: <u>4/26/05</u>   |  |
| I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.                               |  |
| OWNER/AGENT: _____   | BUILDING OFFICIAL: _____   |
| DATE: _____  | DATE: _____  |

SUMMER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE   |          |         |         | AS-BUILT                      |                          |        |                           |                           |       |         |         |
|--|----------|---------|---------|-------------------------------|--------------------------|--------|---------------------------|---------------------------|-------|---------|---------|
| GLASS TYPES<br>.18 X Conditioned X BSPM = Points<br>Floor Area |          |         |         | Type/SC                       | Overhang<br>Ornt Len Hgt |        |                           | Area X SPM X SOF = Points |       |         |         |
| .18  | 2278.0   | 32.50   | 13326.3 | Double, Clear                 | N                        | 1.5    | 6.0                       | 30.0                      | 31.93 | 0.94    | 900.7   |
|  |          |         |         | Double, Clear                 | N                        | 1.5    | 2.0                       | 4.0                       | 31.93 | 0.76    | 97.7    |
|  |          |         |         | Double, Clear                 | S                        | 1.5    | 8.1                       | 44.0                      | 58.45 | 0.94    | 2416.7  |
|  |          |         |         | Double, Clear                 | S                        | 1.5    | 6.1                       | 15.8                      | 58.45 | 0.88    | 811.0   |
|  |          |         |         | Double, Clear                 | W                        | 1.5    | 6.0                       | 30.0                      | 61.59 | 0.92    | 1696.3  |
|  |          |         |         | Double, Clear                 | W                        | 1.5    | 2.0                       | 4.0                       | 61.59 | 0.63    | 155.5   |
|  |          |         |         | As-Built Total:               |                          |        |                           |                           |       |         | 127.8   |
| WALL TYPES Area X BSPM = Points                                |          |         |         | Type                          | R-Value                  |        | Area X SPM = Points       |                           |       |         |         |
| Adjacent   | 0.0      | 0.00    | 0.0     | Frame, Wood, Exterior         | 13.0                     |        | 1847.2                    | 2.40                      |       | 4433.3  |         |
| Exterior   | 1847.2   | 2.70    | 4987.4  |                               |                          |        |                           |                           |       |         |         |
| Base Total:  |          | 1847.2  | 4987.4  | As-Built Total:               |                          | 1847.2 |                           | 4433.3                    |       |         |         |
| DOOR TYPES Area X BSPM = Points                                |          |         |         | Type                          | R-Value                  |        | Area X SPM = Points       |                           |       |         |         |
| Adjacent   | 0.0      | 0.00    | 0.0     | Exterior Wood                 |                          |        | 20.4                      | 9.40                      |       | 191.8   |         |
| Exterior   | 39.4     | 6.40    | 252.4   | Exterior Wood                 |                          |        | 19.0                      | 9.40                      |       | 179.0   |         |
| Base Total:  |          | 39.4    | 252.4   | As-Built Total:               |                          | 39.4   |                           | 370.7                     |       |         |         |
| CEILING TYPES Area X BSPM = Points                             |          |         |         | Type                          | R-Value                  |        | Area X SPM X SCM = Points |                           |       |         |         |
| Under Attic  | 2278.0   | 2.80    | 6378.4  | Under Attic                   | 30.0                     |        | 2505.8                    | 2.77 X 1.00               |       | 6941.1  |         |
| Base Total:  |          | 2278.0  | 6378.4  | As-Built Total:               |                          | 2505.8 |                           | 6941.1                    |       |         |         |
| FLOOR TYPES Area X BSPM = Points                               |          |         |         | Type                          | R-Value                  |        | Area X SPM = Points       |                           |       |         |         |
| Slab   | 230.9(p) | -20.0   | -4618.0 | Slab-On-Grade Edge Insulation | 0.0                      |        | 230.9(p)                  | -20.00                    |       | -4618.0 |         |
| Raised   | 0.0      | 0.00    | 0.0     |                               |                          |        |                           |                           |       |         |         |
| Base Total:  |          | -4618.0 |         | As-Built Total:               |                          | 230.9  |                           | -4618.0                   |       |         |         |
| INFILTRATION Area X BSPM = Points                              |          |         |         |                               |                          |        |                           | Area X SPM = Points       |       |         |         |
|  |          | 2278.0  | 18.79   |                               |                          |        |                           | 2278.0                    |       | 18.79   | 42803.6 |



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE                        |   |                   |                  | AS-BUILT                        |   |           |                                    |                     |                     |                  |  |
|-----------------------------|---|-------------------|------------------|---------------------------------|---|-----------|------------------------------------|---------------------|---------------------|------------------|--|
| Summer Base Points: 63130.2 |   |                   |                  | Summer As-Built Points: 56008.6 |   |           |                                    |                     |                     |                  |  |
| 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 |  |
| 63130.2                     |   | 0.4266            | 26931.3          | 56008.6                         |   | 1.000     | (1.058 x 1.165 x 1.00)             | 0.341               | 0.902               | 21245.6          |  |
|                             |   |                   |                  |                                 |   | 1.00      | 1.233                              | 0.341               | 0.902               | 21245.6          |  |



WINTER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE   |          |      |        | AS-BUILT                      |                          |                     |                           |             |      |        |       |        |
|--|----------|------|--------|-------------------------------|--------------------------|---------------------|---------------------------|-------------|------|--------|-------|--------|
| GLASS TYPES<br>.18 X Conditioned X BWPM = Points<br>Floor Area |          |      |        | Type/SC                       | Overhang<br>Ornt Len Hgt |                     | Area X WPM X WOF = Points |             |      |        |       |        |
| .18  | 2278.0   | 2.36 | 967.7  | Double, Clear                 | N                        | 1.5                 | 6.0                       | 30.0        | 4.38 | 0.99   | 130.3 |        |
|  |          |      |        | Double, Clear                 | N                        | 1.5                 | 2.0                       | 4.0         | 4.38 | 0.97   | 17.0  |        |
|  |          |      |        | Double, Clear                 | S                        | 1.5                 | 8.1                       | 44.0        | 3.12 | 1.00   | 137.5 |        |
|  |          |      |        | Double, Clear                 | S                        | 1.5                 | 6.1                       | 15.8        | 3.12 | 1.02   | 50.2  |        |
|  |          |      |        | Double, Clear                 | W                        | 1.5                 | 6.0                       | 30.0        | 3.98 | 1.00   | 119.1 |        |
|  |          |      |        | Double, Clear                 | W                        | 1.5                 | 2.0                       | 4.0         | 3.98 | 1.02   | 16.2  |        |
|  |          |      |        | As-Built Total:               |                          |                     |                           | 127.8       |      | 470.3  |       |        |
| WALL TYPES Area X BWPM = Points                                |          |      |        | Type                          | R-Value                  |                     | Area X WPM = Points       |             |      |        |       |        |
| Adjacent   | 0.0      | 0.00 | 0.0    | Frame, Wood, Exterior         | 13.0                     |                     | 1847.2                    | 0.60        |      | 1108.3 |       |        |
| Exterior   | 1847.2   | 0.60 | 1108.3 |                               |                          |                     |                           |             |      |        |       |        |
| Base Total:  |          |      |        | As-Built Total:               |                          |                     |                           |             |      |        |       | 1847.2 |
| DOOR TYPES Area X BWPM = Points                                |          |      |        | Type                          | R-Value                  |                     | Area X WPM = Points       |             |      |        |       |        |
| Adjacent   | 0.0      | 0.00 | 0.0    | Exterior Wood                 |                          |                     | 20.4                      | 2.80        |      | 57.1   |       |        |
| Exterior   | 39.4     | 1.80 | 71.0   | Exterior Wood                 |                          |                     | 19.0                      | 2.80        |      | 53.3   |       |        |
| Base Total:  |          |      |        | As-Built Total:               |                          | 39.4                |                           |             |      | 110.4  |       |        |
| CEILING TYPES Area X BWPM = Points                             |          |      |        | Type                          | R-Value                  |                     | Area X WPM X WCM = Points |             |      |        |       |        |
| Under Attic  | 2278.0   | 0.10 | 227.8  | Under Attic                   | 30.0                     |                     | 2505.8                    | 0.10 X 1.00 |      | 250.6  |       |        |
| Base Total:  |          |      |        | As-Built Total:               |                          | 2505.8              |                           |             |      | 250.6  |       |        |
| FLOOR TYPES Area X BWPM = Points                               |          |      |        | Type                          | R-Value                  |                     | Area X WPM = Points       |             |      |        |       |        |
| Slab   | 230.9(p) | -2.1 | -484.9 | Slab-On-Grade Edge Insulation | 0.0                      |                     | 230.9(p)                  | -2.10       |      | -484.9 |       |        |
| Raised   | 0.0      | 0.00 | 0.0    |                               |                          |                     |                           |             |      |        |       |        |
| Base Total:  |          |      |        | As-Built Total:               |                          |                     |                           |             |      |        |       | 230.9  |
| INFILTRATION Area X BWPM = Points                              |          |      |        |                               |                          | Area X WPM = Points |                           |             |      |        |       |        |
| 2278.0 -0.06 -136.7  |          |      |        |                               |                          | 2278.0 -0.06 -136.7 |                           |             |      |        |       |        |

WINTER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE                |   |                   |                  | AS-BUILT                |   |           |                                       |                     |                     |        |                |
|---------------------|---|-------------------|------------------|-------------------------|---|-----------|---------------------------------------|---------------------|---------------------|--------|----------------|
| Winter Base Points: |   | 1753.2            |                  | Winter As-Built Points: |   |           |                                       |                     |                     | 1318.1 |                |
| 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 |
| 1753.2              |   | 0.6274            | 1100.0           | 1318.1                  |   | 1.000     | (1.076 x 1.137 x 1.00)                | 0.487               | 0.950               |        | 746.3          |
|                     |   |                   |                  | 1318.1                  |   | 1.00      | 1.223                                 | 0.487               | 0.950               |        | 746.3          |



WATER HEATING & CODE COMPLIANCE STATUS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

| BASE          |   |            |   |        | AS-BUILT        |      |           |   |       |                |
|---------------|---|------------|---|--------|-----------------|------|-----------|---|-------|----------------|
| WATER HEATING |   |            |   |        | Tank            | EF   | Number of | X | Tank  | X              |
| Number of     | X | Multiplier | = | Total  | Volume          |      | Bedrooms  |   | Ratio | Multiplier     |
| Bedrooms      |   |            |   |        |                 |      |           |   |       | Credit = Total |
|               |   |            |   |        |                 |      |           |   |       | Multiplier     |
| 4             |   | 2369.00    |   | 9476.0 | 48.0            | 0.66 | 4         |   | 1.00  | 1531.95        |
|               |   |            |   |        |                 |      |           |   |       | 1.00           |
|               |   |            |   |        |                 |      |           |   |       | 6127.8         |
|               |   |            |   |        | As-Built Total: |      |           |   |       | 6127.8         |

| CODE COMPLIANCE STATUS |   |         |   |           |          |        |         |   |         |
|------------------------|---|---------|---|-----------|----------|--------|---------|---|---------|
| BASE                   |   |         |   |           | AS-BUILT |        |         |   |         |
| Cooling                | + | Heating | + | Hot Water | =        | Total  | Cooling | + | Heating |
| Points                 |   | Points  |   | Points    |          | Points | Points  |   | Points  |
|                        |   |         |   |           |          |        |         |   |         |
| 26931                  |   | 1100    |   | 9476      |          | 37507  | 21246   |   | 746     |
|                        |   |         |   |           |          |        |         |   | 6128    |
|                        |   |         |   |           |          |        |         |   | 28120   |

PASS



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.  |       |



ENERGY PERFORMANCE LEVEL (EPL)
DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE\* = 86.7
The higher the score, the more efficient the home.

1. New construction or existing
2. Single family or multi-family
3. Number of units, if multi-family
4. Number of Bedrooms
5. Is this a worst case?
6. Conditioned floor area (ft²)
7. Glass area & type
8. Floor types
9. Wall types
10. Ceiling types
11. Ducts
12. Cooling systems
13. Heating systems
14. Hot water systems
15. HVAC credits

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

Builder Signature:
Date:
Address of New Home:
City/FL Zip:



\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu 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 Program (Version: FLRCPB v3.30)

# Residential System Sizing Calculation

## Summary

Project Title:  
Lot 11 Laurel Lakes (dupree)

Code Only  
Professional Version  
Climate: South

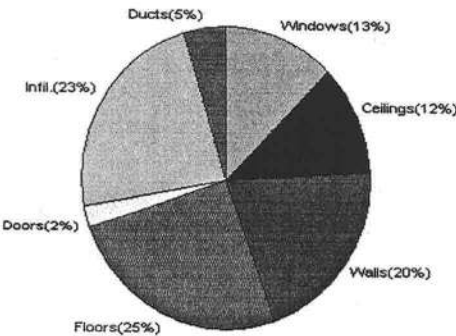
4/26/2005

|  |                   |                                       |                   |
|--|-------------------|---------------------------------------|-------------------|
| Location for weather data: Orlando - User customized: Latitude(28) Temp Range(M)   |                   |                                       |                   |
| Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(44gr.) |                   |                                       |                   |
| Winter design temperature  | 38 F              | Summer design temperature             | 98 F              |
| Winter setpoint  | 70 F              | Summer setpoint                       | 75 F              |
| Winter temperature difference  | 32 F              | Summer temperature difference         | 23 F              |
| <b>Total heating load calculation</b>  | <b>23564 Btuh</b> | <b>Total cooling load calculation</b> | <b>26000 Btuh</b> |
| Submitted heating capacity   | % of calc Btuh    | Submitted cooling capacity            | % of calc Btuh    |
| Total (Electric Heat Pump)   | 203.7 48000       | Sensible (SHR = 0.5)                  | 118.9 24000       |
| Heat Pump + Auxiliary(0.0kW)   | 203.7 48000       | Latent                                | 412.1 24000       |
|  |                   | Total (Electric Heat Pump)            | 184.6 48000       |

## WINTER CALCULATIONS

Winter Heating Load (for 2278 sqft)

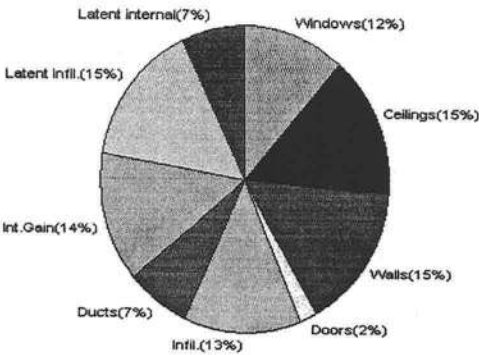
| Load component         |           | Load              |
|------------------------|-----------|-------------------|
| Window total           | 128 sqft  | 2966 Btuh         |
| Wall total             | 1847 sqft | 4803 Btuh         |
| Door total             | 39 sqft   | 581 Btuh          |
| Ceiling total          | 2506 sqft | 2756 Btuh         |
| Floor total            | 231 ft    | 5980 Btuh         |
| Infiltration           | 152 cfm   | 5356 Btuh         |
| <b>Subtotal</b>        |           | <b>22442 Btuh</b> |
| Duct loss              |           | 1122 Btuh         |
| <b>TOTAL HEAT LOSS</b> |           | <b>23564 Btuh</b> |



## SUMMER CALCULATIONS

Summer Cooling Load (for 2278 sqft)

| Load component             |           | Load              |
|----------------------------|-----------|-------------------|
| Window total               | 128 sqft  | 3027 Btuh         |
| Wall total                 | 1847 sqft | 3953 Btuh         |
| Door total                 | 39 sqft   | 484 Btuh          |
| Ceiling total              | 2506 sqft | 3909 Btuh         |
| Floor total                |           | 0 Btuh            |
| Infiltration               | 133 cfm   | 3369 Btuh         |
| Internal gain              |           | 3600 Btuh         |
| <b>Subtotal(sensible)</b>  |           | <b>18342 Btuh</b> |
| Duct gain                  |           | 1834 Btuh         |
| <b>Total sensible gain</b> |           | <b>20177 Btuh</b> |
| Latent gain(infiltration)  |           | 3984 Btuh         |
| Latent gain(internal)      |           | 1840 Btuh         |
| <b>Total latent gain</b>   |           | <b>5824 Btuh</b>  |
| <b>TOTAL HEAT GAIN</b>     |           | <b>26000 Btuh</b> |



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: W. H. H. Free

DATE: 4/26/05



# System Sizing Calculations - Winter

## Residential Load - Component Details

Project Title:  
Lot 11 Laurel Lakes (dupree)

Code Only  
Professional Version  
Climate: South

Reference City: Orlando (User customized) Winter Temperature Difference: 32.0 F

4/26/2005

| Window             | Panes/SHGC/Frame/U       | Orientation | Area X          | HTM= | Load      |
|--------------------|--------------------------|-------------|-----------------|------|-----------|
| 1                  | 2, Clear, Metal, DEF     | N           | 30.0            | 23.2 | 696 Btuh  |
| 2                  | 2, Clear, Metal, DEF     | N           | 4.0             | 23.2 | 93 Btuh   |
| 3                  | 2, Clear, Metal, DEF     | S           | 44.0            | 23.2 | 1021 Btuh |
| 4                  | 2, Clear, Metal, DEF     | S           | 15.8            | 23.2 | 367 Btuh  |
| 5                  | 2, Clear, Metal, DEF     | W           | 30.0            | 23.2 | 696 Btuh  |
| 6                  | 2, Clear, Metal, DEF     | W           | 4.0             | 23.2 | 93 Btuh   |
| Window Total       |                          |             | 128             |      | 2966 Btuh |
| Walls              | Type                     | R-Value     | Area X          | HTM= | Load      |
| 1                  | Frame - Exterior         | 13.0        | 1847            | 2.6  | 4803 Btuh |
| Wall Total         |                          |             | 1847            |      | 4803 Btuh |
| Doors              | Type                     |             | Area X          | HTM= | Load      |
| 1                  | Wood - Exter             |             | 20              | 14.7 | 300 Btuh  |
| 2                  | Wood - Exter             |             | 19              | 14.7 | 280 Btuh  |
| Door Total         |                          |             | 39              |      | 581 Btuh  |
| Ceilings           | Type                     | R-Value     | Area X          | HTM= | Load      |
| 1                  | Under Attic              | 30.0        | 2506            | 1.1  | 2756 Btuh |
| Ceiling Total      |                          |             | 2506            |      | 2756 Btuh |
| Floors             | Type                     | R-Value     | Size X          | HTM= | Load      |
| 1                  | Slab-On-Grade Edge Insul | 0           | 230.9 ft(p)     | 25.9 | 5980 Btuh |
| Floor Total        |                          |             | 231             |      | 5980 Btuh |
| Infiltration       | Type                     | ACH X       | Building Volume | CFM= | Load      |
|                    | Natural                  | 0.40        | 22780(sqft)     | 152  | 5356 Btuh |
|                    | Mechanical               |             |                 | 0    | 0 Btuh    |
| Infiltration Total |                          |             |                 | 152  | 5356 Btuh |

|                           |   |                   |
|---------------------------|---|-------------------|
| <b>Totals for Heating</b> | <b>Subtotal</b>                                 | <b>22442 Btuh</b> |
|                           | <b>Duct Loss(using duct multiplier of 0.05)</b> | <b>1122 Btuh</b>  |
|                           | <b>Total Btuh Loss</b>                          | <b>23564 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 )

# System Sizing Calculations - Summer

## Residential Load - Component Details

Project Title:  
Lot 11 Laurel Lakes (dupree)

Code Only  
Professional Version  
Climate: South

Reference City: Orlando (User customized)

Summer Temperature Difference: 23.0 F

4/26/2005

| Window       | Type                | Panels/SHGC/U/InSh/ExSh Ornt  | Overhang |             | Window Area(sqft) |        |          | HTM    |           | Load      |
|--------------|---------------------|-------------------------------|----------|-------------|-------------------|--------|----------|--------|-----------|-----------|
|              |                     |                               | Len      | Hgt         | Gross             | Shaded | Unshaded | Shaded | Unshaded  |           |
| 1            | 2, Clear, DEF, B, N | N                             | 1.5      | 6           | 30.0              | 0.0    | 30.0     | 17     | 17        | 510 Btuh  |
| 2            | 2, Clear, DEF, B, N | N                             | 1.5      | 2           | 4.0               | 0.0    | 4.0      | 17     | 17        | 68 Btuh   |
| 3            | 2, Clear, DEF, B, N | S                             | 1.5      | 8.08        | 44.0              | 44.0   | 0.0      | 17     | 26        | 748 Btuh  |
| 4            | 2, Clear, DEF, B, N | S                             | 1.5      | 6.08        | 15.8              | 15.8   | 0.0      | 17     | 26        | 269 Btuh  |
| 5            | 2, Clear, DEF, B, N | W                             | 1.5      | 6           | 30.0              | 4.0    | 26.0     | 17     | 48        | 1317 Btuh |
| 6            | 2, Clear, DEF, B, N | W                             | 1.5      | 2           | 4.0               | 2.5    | 1.5      | 17     | 48        | 115 Btuh  |
| Window Total |                     |                               |          |             | 128               |        |          |        |           | 3027 Btuh |
| Walls        | Type                | R-Value                       |          | Area        |                   |        | HTM      |        | Load      |           |
|              | 1                   | Frame - Exterior              | 13.0     | 1847.2      |                   |        | 2.1      |        | 3953 Btuh |           |
|              | Wall Total          |                               |          |             |                   | 1847.2 |          |        | 3953 Btuh |           |
| Doors        | Type                |                               |          | Area        |                   |        | HTM      |        | Load      |           |
|              | 1                   | Wood - Exter                  |          |             | 20.4              |        |          | 12.3   |           | 251 Btuh  |
|              | 2                   | Wood - Exter                  |          |             | 19.0              |        |          | 12.3   |           | 234 Btuh  |
|              | Door Total          |                               |          |             |                   | 39.4   |          |        | 484 Btuh  |           |
|              |                     |                               |          |             |                   |        |          |        |           |           |
| Ceilings     | Type/Color          | R-Value                       |          | Area        |                   |        | HTM      |        | Load      |           |
|              | 1                   | Under Attic/Dark              | 30.0     | 2505.8      |                   |        | 1.6      |        | 3909 Btuh |           |
|              | Ceiling Total       |                               |          |             |                   | 2505.8 |          |        | 3909 Btuh |           |
| Floors       | Type                | R-Value                       |          | Size        |                   |        | HTM      |        | Load      |           |
|              | 1                   | Slab-On-Grade Edge Insulation | 0.0      | 230.9 ft(p) |                   |        | 0.0      |        | 0 Btuh    |           |
|              | Floor Total         |                               |          |             |                   | 230.9  |          |        | 0 Btuh    |           |
| Infiltration | Type                | ACH                           |          | Volume      |                   |        | CFM=     |        | Load      |           |
|              | Natural             | 0.35                          |          | 22780       |                   |        | 133.1    |        | 3369 Btuh |           |
|              | Mechanical          |                               |          |             |                   |        | 0        |        | 0 Btuh    |           |
|              | Infiltration Total  |                               |          |             |                   | 133    |          |        | 3369 Btuh |           |

|               |           |  |               |     |           |           |   |
|---------------|-----------|--|---------------|-----|-----------|-----------|---|
| Internal gain | Occupants |  | Btuh/occupant |     | Appliance | Load      |   |
|               | 8         |  | X             | 300 |           |           | + |
|               |           |  |               |     |           |           |   |
|               |           |  |               |     | 1200      | 3600 Btuh |   |

|                    |   |            |
|--------------------|---|------------|
| Totals for Cooling | Subtotal  | 18342 Btuh |
|                    | Duct gain(using duct multiplier of 0.10)                  | 1834 Btuh  |
|                    | Total sensible gain                                       | 20177 Btuh |
|                    | Latent infiltration gain (for 44 gr. humidity difference) | 3984 Btuh  |
|                    | Latent occupant gain (8 people @ 230 Btuh per person)     | 1840 Btuh  |
|                    | Latent other gain   | 0 Btuh     |
|                    | TOTAL GAIN  | 26000 Btuh |

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)

EnergyGauges FLRCPB v3.30




**Columbia County Building Department  
Culvert Permit**

**Culvert Permit No.  
000000670**

DATE 05/24/2005 PARCEL ID # 03-4S-16-02732-111  
APPLICANT SHANNON REGAR PHONE 752.2171  
ADDRESS POB 2187 LAKE CITY FL 32056  
OWNER PHOENIX LAND DEV. & PROP.MANAGEMENT PHONE 754.5678  
ADDRESS 321 SW RED MAPLE WAY LAKE CITY FL 32055  
CONTRACTOR J.L. DUPREE CONSTR. SVCS.,INC. PHONE 754.5678  
LOCATION OF PROPERTY 90-W TO C-252 TO SW RED MAPLE WAY, TL TO CUL-DE-SAC ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT LAUREL LAKE 11

SIGNATURE 

**INSTALLATION REQUIREMENTS**

☐ Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

☐ Culvert installation shall conform to the approved site plan standards.

☐ Department of Transportation Permit installation approved standards.

☒ Other WAIVER APPROVED BY BCC 18"X24' MITERED SIZE.

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED  
DURING THE INSTALATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21  
Lake City, FL 32055  
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00





Engineers • Planners

161 N.W. Madison St., Suite 102  
Lake City, Florida 32055  
Tel: 386-758-4209  
Fax: 386-758-4290

Permit # 23192

Tuesday, June 21, 2005

Columbia County Building and Zoning

To Whom it may concern,

RE: LOT 11 LAUREL LAKE SUBDIVISION

I have inspected the foundation for this structure and verify that it is in compliance with the plans. If you have any questions, please call me at (386) 758-4209.

Sincerely,

William Freeman, P.E. #56001  
Certificate of Authorization# 00008701



# COLUMBIA COUNTY OFFICE OF 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 03-4S-16-02732-111

Building permit No. 000023192

Use Classification SFD & UTILITY

Fire: 47.36

Permit Holder J.L. DUPREE CONSTR. SVCS

Waste: 98.00

Owner of Building PHOENIX LAND DEV. & PROP. MANAGEMENTAL:

145.36

Location: 321 SW RED MAPLE WAY(LAUREL LAKE, LOT 11)



Date: 02/20/2006

*Harry Dickie*  
Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)



**Freeman**  
Design Group inc

Engineers • Planners

161 N.W. Madison St., Suite 102  
Lake City, Florida 32055  
Tel: 386-758-4209  
Fax: 386-758-4290

Lot 11 = #23192

Lot 12 = \*23203

May 18, 2005

Columbia County Building and Zoning

RE: Laurel Lakes Lots 11 and 12

To whom it may concern:

I have reviewed the Flood Insurance Rate Map and have determined the property is not located in a flood zone. I have performed a site evaluation of the existing area. I certify that placing the finished floor elevation at least 12" above finished grade is adequate to prevent flood and water damage. Grade the perimeter so that all runoff drains away from the building.

Sincerely,

William H. Freeman, P.E.  
President  
Cert. Of Authorization 00008701



# Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 5-9-05

Laurel Lake

321 SW Red Maple Way Lot #11

LAKE CITY

(Address of Treatment or Lot/Block of Treatment)

City

## Florida Pest Control & Chemical Co.

[www.flapest.com](http://www.flapest.com)

**Product to be used: Bora-Care Termiticide (Wood Treatment)**

**Chemical to be used: 23% Disodium Octaborate Tetrahydrate**

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1861.1.8

(Information to be provided to local building code offices prior to concrete foundation installation.)