

DATE 08/01/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023439

APPLICANT BRYAN ZECHER PHONE 752-8653
ADDRESS P.O. BOX 815 LAKE CITY FL 32024
OWNER BOBBY & VICKIE CASE PHONE _____
ADDRESS 120 SW LONG LEAF DRIVE LAKE CITY FL 32024
CONTRACTOR BRYAN ZECHER PHONE 752-8653
LOCATION OF PROPERTY 247S, TL AT FOREST COUNTRY (MONK WAY), TR ON LONGLEAF,
TO THE END ON RIGHT
TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 147400.00
HEATED FLOOR AREA 2948.00 TOTAL AREA 4565.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 27
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO. _____

PARCEL ID 15-4S-16-03000-226 SUBDIVISION FOREST COUNTRY, 4TH ADDITION
LOT 6 BLOCK B PHASE _____ UNIT _____ TOTAL ACRES _____

000000756 25.00 CBC054575
Culvert Permit No. Culvert Waiver Contractor's License Number
CULVERT 05-0695-N BK Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 2490

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 \$ 740.00 CERTIFICATION FEE \$ 22.82 SURCHARGE FEE \$ 22.82
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 TOTAL FEE 860.64 ✓

INSPECTORS OFFICE [Signature] CLERKS OFFICE CX

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0507-01 Date Received 7/1/05 By G Permit # 756/23439
 Application Approved by - Zoning Official BLK Date 6.07.05 Plans Examiner OK JT/H Date 7-14-05
 Flood Zone X per plot Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Dev.
 Comments EH needed CL # 2490

Applicants Name Bryan Zecker Phone 752-8653
 Address P.O. Box 815 Lake City, FL 32056
 Owners Name Bobby and Vickie Case Phone _____
 911 Address 120 SW Long Leaf Dr. Lake City, FL 32024
 Contractors Name Bryan Zecker Construction, Inc. Phone 752-8653
 Address P.O. Box 815 Lake City, FL 32056
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Teena Russo / Mark Disasway
 Mortgage Lenders Name & Address N/A

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

Property ID Number 15-45-16-03000-226 Estimated Cost of Construction \$325,850.00

Subdivision Name Forest Country 4th Addition Lot 6 Block B Unit _____ Phase _____

Driving Directions 247 - Bradford Hwy to Forrest Country - T/L to stop (Monk Way)
Sign TIR, go to end lot on right (Longleaf)

Type of Construction DR. Frame 6FD Number of Existing Dwellings on Property 0

Total Acreage 3/4 ac Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 28 Side 43 Side 70 Rear 35

Total Building Height 27'6" Number of Stories 1 Heated Floor Area 2948 sq. ft. Roof Pitch 8/12
Bonus Rm 322 sq. ft. Porches 967 sq. ft. Garage 828 sq. ft. TOTAL 4565 sq. ft.

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.

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Owner Builder or Agent (Including Contractor) _____

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 19th day of July 2005

Personally known _____ or Produced Identification _____



Contractor Signature _____
 Contractors License Number CBC054575
 Competency Card Number _____

NOTARY STAMP SEAL

MY COMMISSION #0033566

EXPIRES: June 20, 2008

Bonded Third Party - U.S. Life Insurance

Notary Signature _____

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

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

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

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

Plans Examiner

Site Plan including:

- a) Dimensions of lot
- b) Dimensions of building set backs
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- d) Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required

- a) Plans or specifications must state compliance with FBC Section 1606
- b) The following information must be shown as per section 1606.1.7 FBC
- a. Basic wind speed (MPH)
 - b. Wind importance factor (I) and building category
 - c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
 - d. The applicable internal pressure coefficient
 - e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

Elevations including:

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

- ☐ N/A

c. Crawl space (if applicable)

- > 1 hrs

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058
4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit.
5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. Development permit cost is \$10.00
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$5.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$25.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 758-8787

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

depth of the stud in nonload-bearing partitions supporting no loads other than the weight of the partition.

302.3.1 Bored holes. The diameter of a bored hole shall not exceed 40 percent of the stud depth.

Exceptions:

1. In nonload-bearing partitions, the diameter of bored holes shall not exceed 60 percent of the depth of the stud.
2. Where each stud that is bored is doubled and not more than two adjacent double studs are bored, the diameter of bored holes shall not exceed 60 percent of the depth of the stud.

302.3.1.1 Location. The edge of the bored hole shall not be nearer than $\frac{5}{8}$ inch (15.9 mm) to the edge of the stud. Bored holes shall not be located at the same section of stud as a cut or notch.

SECTION 303 EQUIPMENT AND APPLIANCE LOCATION

303.1 General. Equipment and appliances shall be located as required by this section, specific requirements elsewhere in this code and the conditions of the equipment and appliance listing.

303.2 Hazardous locations. Appliances shall not be located in a hazardous location unless listed and approved for the specific installation.

303.3 Prohibited locations. Fuel-fired appliances shall not be located in, or obtain combustion air from, any of the following rooms or spaces:

1. Sleeping rooms.
2. Bathrooms.
3. Toilet rooms.
4. Storage closets.
5. Surgical rooms.

Exception: This section shall not apply to the following appliances:

1. Direct-vent appliances that obtain all combustion air directly from the outdoors.
2. Solid fuel-fired appliances and fireplaces, provided that the room is not a confined space and the building is not of unusually tight construction.
3. Appliances installed in a dedicated enclosure in which all combustion air is taken directly from the outdoors, in accordance with Section 703 or 704. Access to such enclosure shall be through a solid door, weather-stripped in accordance with the exterior door air leakage requirements of the energy code and equipped with an approved self-closing device.

303.4 Protection from damage. Appliances shall not be installed in a location where subject to mechanical damage unless protected by approved barriers.

303.5 Indoor locations. Fuel-fired furnaces and boilers installed in closets and alcoves shall be listed for such installation. For purposes of this section, a closet or alcove shall be defined as a room or space having a volume not less than 12 times the total volume of fuel-fired appliances other than boilers and not less than 16 times the total volume of boilers. Room volume shall be computed using the gross floor area and the actual ceiling height up to a maximum computation height of 8 feet (2438 mm).

303.6 Outdoor locations. Appliances installed in other than indoor locations shall be listed and labeled for outdoor installation.

303.7 Pit locations. Appliances installed in pits or excavations shall not come in direct contact with the surrounding soil. The sides of the pit or excavation shall be held back a minimum of 12 inches (305 mm) from the appliance. Where the depth exceeds 12 inches (305 mm) below adjoining grade, the walls of the pit or excavation shall be lined with concrete or masonry. Such concrete or masonry shall extend a minimum of 4 inches (102 mm) above adjoining grade and shall have sufficient lateral load-bearing capacity to resist collapse. The appliance shall be protected from flooding in an approved manner.

SECTION 304 INSTALLATION

304.1 General. Equipment and appliances shall be installed as required by the terms of their approval. Equipment and appliances shall be installed in accordance with the conditions of listing and the manufacturer's installation instructions and this code. Manufacturer's installation instructions shall be available on the job site at the time of inspection.

304.2 Elevation of ignition source. Equipment and appliances having an ignition source shall be elevated such that the source of ignition is not less than 18 inches (457 mm) above the floor in hazardous locations and public garages, private garages, repair garages, automotive service stations and parking garages. Such equipment and appliances shall not be installed in Use Group H occupancies or control areas where open use, handling or dispensing of combustible, flammable or explosive materials occurs.

304.3 Public garages. Appliances located in public garages, service stations, repair garages or other areas frequented by motor vehicles, shall be installed a minimum of 8 feet (2438 mm) above the floor. Where motor vehicles exceed 6 feet (1829 mm) in height and are capable of passing under an

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 1787 * Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_craft@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 ISSUED: June 13, 2005

ENHANCED 9-1-1 ADDRESS:

120 SW LONG LEAF DR (LAKE CITY, FL 32024)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

PROPERTY APPRAISER MAP SHEET NUMBER: 46A

PROPERTY APPRAISER PARCEL NUMBER: 21-4S-16-03000-226

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: LOT 6 BLOCK B FOREST COUNTRY 4TH ADDITION S/D

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.

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 03-212
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst: 2005015028 Date: 06/24/2005 Time: 14:57

DC, P. DeWitt Cason, Columbia County B: 1050 P: 14

PERMIT NO. _____

TAX FOLIO NO.: _____

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

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

1. Description of property:

Lot 6, Block B, FOREST COUNTRY 4TH ADDITION, a subdivision according to the plat thereof as recorded in Plat Book 6, Pages 55 and 55A of the public records of Columbia County, Florida.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: ROBERT E. CASE, SR. and VICTORIA S. CASE,
193 NW White Oak Glen, Lake City, FL 32024

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner): None

4. Contractor: BRYAN ZECHER CONSTRUCTION, INC.
Post Office Box 815, Lake City, FL 32056

5. Surety n/a

a. Name and address:
b. Amount of bond:

6. Lender: DELTA OMEGA PROPERTIES, INC.
3454 SW CR 242, Lake City, FL 32024

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

8. In addition to himself, Owner designates James R. Smithey, of DELTA OMEGA PROPERTIES, INC., 3454 SW CR 242, Lake City, FL 32024, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

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

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

By M. K. K. K.
Deputy Clerk

Date 6-24-05



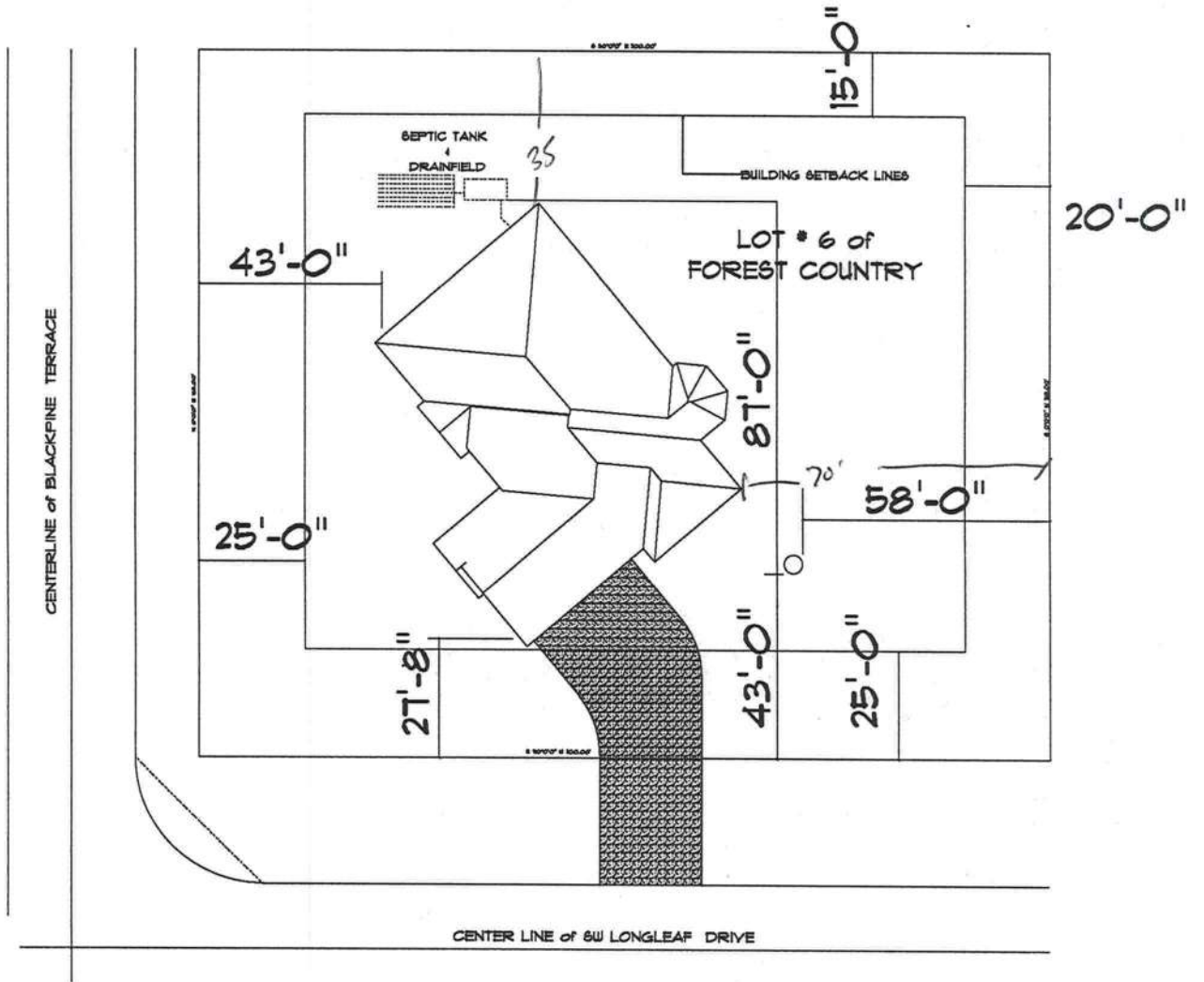
Robert E. Case Sr.
ROBERT E. CASE, SR.

Victoria S. Case
VICTORIA S. CASE

The foregoing instrument was acknowledged before me this 16th day of June, 2005, by ROBERT E. CASE, SR. and VICTORIA S. CASE, Husband and Wife, who are personally known to me and who did not take an oath.



[Signature]
Notary Public
My commission expires: _____



*** SITE PLAN ***
FOR
*** CASE RESIDENCE ***
SCALE : 1" = 40'-0"

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 1787 * Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

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Columbia County 9-1-1 Addressing / GIS Department

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COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERSPHONE (904) 752-1854
FAX (904) 755-7022
~~XXXXXX~~ XXXXXXXX
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

June 12, 2002

NOTICE TO ALL CONTRACTORS

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.

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

Thank you,

A handwritten signature in cursive script, appearing to read "Donald D. Hall".
Donald D. Hall
DDH/jk

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	506215ZecherBryanCaseBobbyVickie	Builder:	
Address:	Lot: 2, Sub: Forest Country, Plat:	Permitting Office:	
City, State:	, FL	Permit Number:	23439
Owner:	Case Bobby Vickie	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 64.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.50
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	2948 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 521.0 ft²	a. Electric Heat Pump	Cap: 64.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.50
c. Labeled U-factor 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, 273.0(p) ft	14. Hot water systems	
b. Raised Wood, Adjacent	R=19.0, 322.0ft²	a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.90
9. Wall types		b. Electric Resistance	Cap: 40.0 gallons
a. Face Brick, Wood, Exterior	R=19.0, 2454.0 ft²		EF: 0.90
b. Frame, Wood, Adjacent	R=13.0, 295.0 ft²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 3510.0 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=6.0, 278.0 ft		
b. N/A			

Glass/Floor Area: 0.18

Total as-built points: 40323
Total base points: 40402

PASS

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

PREPARED BY: Ben Sparks

DATE: 6/8/05

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

OWNER/AGENT:

DATE: 2/23/05

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:



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Forest Country, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC Overhang Ornt Len Hgt Area X SPM X SOF = Points							
.18	2948.0	20.04	10634.0	Double, Clear	SW	1.5	5.5	18.0	40.16	0.86	623.9
				Double, Clear	SW	12.0	7.5	10.0	40.16	0.42	166.9
				Double, Clear	SW	12.0	7.5	84.0	40.16	0.42	1402.4
				Double, Clear	S	12.0	7.5	20.0	35.87	0.47	334.7
				Double, Clear	SE	99.0	7.5	21.0	42.75	0.38	340.7
				Double, Clear	S	1.5	8.0	21.0	35.87	0.92	695.4
				Double, Clear	SW	1.5	8.0	21.0	40.16	0.95	797.5
				Double, Clear	W	1.5	8.0	21.0	38.52	0.96	775.1
				Double, Clear	NW	1.5	8.0	21.0	25.97	0.96	525.4
				Double, Clear	SW	1.5	6.0	30.0	40.16	0.89	1066.3
				Double, Clear	SW	1.5	1.5	4.0	40.16	0.49	78.8
				Double, Clear	SW	1.5	1.5	6.0	40.16	0.49	118.2
				Double, Clear	NW	1.5	6.0	90.0	25.97	0.93	2163.4
				Double, Clear	NW	1.5	1.5	18.0	25.97	0.64	298.5
				Double, Clear	NE	5.0	8.0	14.0	29.56	0.70	288.6
				Double, Clear	NE	5.0	1.5	5.0	29.56	0.44	65.1
				Double, Clear	NE	0.0	0.0	15.0	29.56	1.00	443.3
				Double, Clear	NE	0.0	0.0	15.0	29.56	1.00	443.3
				Double, Clear	NE	1.5	6.0	30.0	29.56	0.92	816.2
				Double, Clear	NE	0.0	0.0	6.0	29.56	1.00	177.3
				Double, Clear	NE	1.5	1.0	6.0	29.56	0.51	90.7
				Double, Clear	SE	1.5	1.3	8.0	42.75	0.47	161.2
				Double, Clear	SE	1.5	5.5	18.0	42.75	0.86	662.6
				Double, Clear	SE	1.5	1.0	4.0	42.75	0.43	74.0
				Double, Clear	NE	0.0	0.0	15.0	29.56	1.00	443.3
				As-Built Total: 521.0 13053.0							
WALL TYPES Area X BSPM = Points				Type		R-Value		Area X SPM = Points			
Adjacent	295.0	0.70	206.5	Face Brick, Wood, Exterior		19.0		2454.0		0.20 490.8	
Exterior	2454.0	1.70	4171.8	Frame, Wood, Adjacent		13.0		295.0		0.60 177.0	
Base Total:		2749.0	4378.3	As-Built Total:		2749.0		667.8			
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	20.0	2.40	48.0	Exterior Insulated				30.0		4.10 123.0	
Exterior	40.0	6.10	244.0	Exterior Insulated				10.0		4.10 41.0	
				Adjacent Insulated				20.0		1.60 32.0	
Base Total:		60.0	292.0	As-Built Total:		60.0		196.0			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Forest Country, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT			
CEILING TYPES Area X BSPM = Points				Type	R-Value	Area X SPM X SCM =	Points
Under Attic	2948.0	1.73	5100.0	Under Attic	30.0	3510.0 1.73 X 1.00	6072.3
Base Total:		2948.0	5100.0	As-Built Total:		3510.0	6072.3
FLOOR TYPES Area X BSPM = Points				Type	R-Value	Area X SPM =	Points
Slab	273.0(p)	-37.0	-10101.0	Slab-On-Grade Edge Insulation	0.0	273.0(p) -41.20	-11247.6
Raised	322.0	-3.99	-1284.8	Raised Wood, Adjacent	19.0	322.0 0.40	128.8
Base Total:		-11385.8		As-Built Total:		595.0	-11118.8
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
		2948.0	10.21 30099.1			2948.0 10.21	30099.1
Summer Base Points:		39117.7		Summer As-Built Points:		38969.3	
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier	X System Multiplier X Credit Multiplier = Cooling Points
				(DM x DSM x AHU)			
39117.7	0.4266		16687.6	38969.3	1.000	(1.090 x 1,147 x 1.00)	0.297 1.000 14459.4
				38969.3	1.00	1.250	0.297 1.000 14459.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Forest Country, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT											
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC Overhang Ornt Len Hgt Area X WPM X WOF = Points											
.18	2948.0	12.74	6760.4	Double, Clear	SW	1.5	5.5	18.0	16.74	1.07	323.0				
				Double, Clear	SW	12.0	7.5	10.0	16.74	1.84	308.7				
				Double, Clear	SW	12.0	7.5	84.0	16.74	1.84	2593.2				
				Double, Clear	S	12.0	7.5	20.0	13.30	3.35	891.1				
				Double, Clear	SE	99.0	7.5	21.0	14.71	2.65	818.4				
				Double, Clear	S	1.5	8.0	21.0	13.30	1.04	290.7				
				Double, Clear	SW	1.5	8.0	21.0	16.74	1.03	361.6				
				Double, Clear	W	1.5	8.0	21.0	20.73	1.01	440.1				
				Double, Clear	NW	1.5	8.0	21.0	24.30	1.00	510.6				
				Double, Clear	SW	1.5	6.0	30.0	16.74	1.06	532.4				
				Double, Clear	SW	1.5	1.5	4.0	16.74	1.60	107.1				
				Double, Clear	SW	1.5	1.5	6.0	16.74	1.60	160.6				
				Double, Clear	NW	1.5	6.0	90.0	24.30	1.00	2193.6				
				Double, Clear	NW	1.5	1.5	18.0	24.30	1.02	448.2				
				Double, Clear	NE	5.0	8.0	14.0	23.57	1.03	340.3				
				Double, Clear	NE	5.0	1.5	5.0	23.57	1.06	125.1				
				Double, Clear	NE	0.0	0.0	15.0	23.57	1.00	353.5				
				Double, Clear	NE	0.0	0.0	15.0	23.57	1.00	353.5				
				Double, Clear	NE	1.5	6.0	30.0	23.57	1.01	711.5				
				Double, Clear	NE	0.0	0.0	6.0	23.57	1.00	141.4				
				Double, Clear	NE	1.5	1.0	6.0	23.57	1.05	148.9				
				Double, Clear	SE	1.5	1.3	8.0	14.71	2.05	241.4				
				Double, Clear	SE	1.5	5.5	18.0	14.71	1.11	294.9				
				Double, Clear	SE	1.5	1.0	4.0	14.71	2.28	134.4				
				Double, Clear	NE	0.0	0.0	15.0	23.57	1.00	353.5				
				As-Built Total:				521.0 13177.8							
				WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
				Adjacent	295.0	3.60	1062.0	Face Brick, Wood, Exterior	19.0		2454.0	2.20	5398.8		
				Exterior	2454.0	3.70	9079.8	Frame, Wood, Adjacent	13.0		295.0	3.30	973.5		
				Base Total: 2749.0 10141.8				As-Built Total: 2749.0 6372.3							
				DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
				Adjacent	20.0	11.50	230.0	Exterior Insulated			30.0	8.40	252.0		
Exterior	40.0	12.30	492.0	Exterior Insulated			10.0	8.40	84.0						
				Adjacent Insulated			20.0	8.00	160.0						
Base Total: 60.0 722.0				As-Built Total: 60.0 496.0											

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Forest Country, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT					
CEILING TYPESArea X BWPM = Points				Type	R-Value	Area X WPM X WCM = Points			
Under Attic	2948.0	2.05	6043.4	Under Attic	30.0	3510.0	2.05 X 1.00		7195.5
Base Total:		2948.0	6043.4	As-Built Total:		3510.0			7195.5
FLOOR TYPESArea X BWPM = Points				Type	R-Value	Area X WPM = Points			
Slab	273.0(p)	8.9	2429.7	Slab-On-Grade Edge Insulation	0.0	273.0(p)	18.80		5132.4
Raised	322.0	0.96	309.1	Raised Wood, Adjacent	19.0	322.0	2.20		708.4
Base Total:		2738.8		As-Built Total:		595.0			5840.8
INFILTRATIONArea X BWPM = Points				Area X WPM = Points					
	2948.0	-0.59	-1739.3			2948.0	-0.59		-1739.3
Winter Base Points:		24667.1		Winter As-Built Points:		31343.1			
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
24667.1		0.6274	15476.1	31343.1	1.000	(1.069 x 1.169 x 1.00)	0.455	1.000	17808.5
				31343.1	1.00	1.250	0.455	1.000	17808.5

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Forest Country, Plat: , , FL,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit = Total Multiplier
3		2746.00		8238.0	40.0	0.90	3		0.50	2684.98
					40.0	0.90	3		0.50	2684.98
					As-Built Total:					8054.9

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
16688		15476		8238 40402	14459		17809		8055 40323

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 2, Sub: Forest Country, Plat: , , FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 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. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.1

The higher the score, the more efficient the home.

Case Bobby Vickie, Lot: 2, Sub: Forest Country, Plat: , , FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 64.0 kBtu/hr
3. Number of units, if multi-family	1	SEER: 11.50	
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	2948 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft ² 521.0 ft ²	a. Electric Heat Pump	Cap: 64.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft ² 0.0 ft ²	HSPF: 7.50	
c. Labeled U-factor or SHGC	0.0 ft ² 0.0 ft ²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 273.0(p) ft	14. Hot water systems	
b. Raised Wood, Adjacent	R=19.0, 322.0ft ²	a. Electric Resistance	Cap: 40.0 gallons
c. N/A		b. Electric Resistance	EF: 0.90
9. Wall types		c. Conservation credits	Cap: 40.0 gallons
a. Face Brick, Wood, Exterior	R=19.0, 2454.0 ft ²	(HR-Heat recovery, Solar	EF: 0.90
b. Frame, Wood, Adjacent	R=13.0, 295.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 3510.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 278.0 ft		
b. N/A			

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

Builder Signature: _____

Date: 7/13/08

Address of New Home: 642 FCSB

City/FL Zip: 4643 FL



*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 EnergyStarTM 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: FLR2PB v3.4)

Columbia County Building Department Culvert Permit

Culvert Permit No.
000000756

DATE 08/01/2005 PARCEL ID # 03-4S-17-07486-116

APPLICANT BRYAN ZECHER PHONE 752-8653

ADDRESS P.O. BOX 815 LAKE CITY FL 32056

OWNER BOBBY & VICKIE CASE PHONE

ADDRESS 120 SW LONG LEAF DRIVE LAKE CITY FL 32024

CONTRACTOR BRYAN ZECHER PHONE 752-8653

LOCATION OF PROPERTY 247S, TL AT FORREST COUNTRY, MONK WAY, TR ON LONGLEAF DR, TO THE
END ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT FOREST COUNTRY, 6 B 4

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

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



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 15-4S-16-03000-226

Building permit No. 000023439

Use Classification SFD, UTILITY

Fire: 23.68

Permit Holder BRYAN ZECHER

Waste: 49.00

Owner of Building BOBBY & VICKIE CASE

Total: 72.68

Location: 120 SW LONG LEAF DR(FOREST COUNTRY, LOT 6,BLK B)



Date: 05/30/2006

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



UNIVERSAL

ENGINEERING SCIENCES

Consultants In: Geotechnical Engineering •
Environmental Sciences • Construction Materials Testing

4475 S.W. 35th Terrace • Gainesville, Florida 32608 • (352) 372-3392

REPORT ON IN-PLACE DENSITY TESTS

23439

CLIENT: Bryon Zeher (Columbia Co.) Permit # 000023439

PROJECT: Forest Country - Lot 6 -
(120 SW Long Leaf Dr)

AREA TESTED: Fill & prep bldg pad

COURSE: F16 DEPTH OF TEST: 0-1

TYPE OF TEST: ASTM D-2922 DATE TESTED: 8-22-05

NOTE: The below tests ~~DO~~ **DO NOT** meet the minimum 95 % compaction requirements of maximum density.

REMARKS: _____

LOCATION OF TESTS	DRY DEN.	MAX. DEN.	% MAX. DEN.	% MOIST.	OPT. MOIST.
		112.0			11.0
App. center of pad	109.3	↓	97.6	4.0	↓
App. 15' N.W. from S.E. corner of pad	109.8		98.0	4.4	
App. 15' S.E. from N.W. corner of pad	110.0		98.2	4.3	
		↓			↓

TECH. DM

Notice of Treatment 11749

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

Address: DAVATHLE

City Lake City Phone 2521722

Site Location: Subdivision Forest Country

Lot # 6 Block# Permit # 23439

Address 12050 Longleaf

Product used Active Ingredient % Concentration

☐ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment: ☐ Soil ☒ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
<u>Duckling</u>	<u>4565</u>	<u>1129</u>	<u>10</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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 _____.

Date 12/23/05 Time 1300 Print Technician's Name James D. Foster

Remarks: _____