

DATE 08/31/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023558

APPLICANT DEWY GAY PHONE 752.7275  
ADDRESS 8118 SE CR 245 LAKE CITY FL 32025  
OWNER DEWY GAY PHONE 752.7275  
ADDRESS 1223 SE GABE STREET LAKE CITY FL 32025  
CONTRACTOR DEWY GAY PHONE 752.7275  
LOCATION OF PROPERTY 441-S TO GABE STREET, TL 1 1/4 MILE, ONLY PLACE ON N  
SIDE OF ROAD  
TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 117950.00  
HEATED FLOOR AREA 2359.00 TOTAL AREA 4522.00 HEIGHT 25.00 STORIES 1  
FOUNDATION CONC WALLS FRAMED ROOF PITCH 7'12 FLOOR CONC  
LAND USE & ZONING A-3 MAX. HEIGHT 35  
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO.

PARCEL ID 02-5S-17-09067-001 SUBDIVISION  
LOT BLOCK PHASE UNIT TOTAL ACRES 54.94

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
EXISTING 05-0883-N BLK JDK N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD.  
WAIVER APPROVED 8-22-05..

Check # or Cash 1034

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 \$ 590.00 CERTIFICATION FEE \$ 22.61 SURCHARGE FEE \$ 22.61  
MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$  
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ TOTAL FEE 685.22  
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.

# COLUMBIA COUNTY OFFICE 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 02-5S-17-09067-001

Building permit No. 0000233558

Use Classification SFD & UTILITY

Fire: 118.69

Permit Holder DEWY GAY

Waste: 184.25

Owner of Building DEWY GAY

Total: 302.94

Location: 1223 SE GABE STREET, LAKE CITY, FL

Date: 11/14/2006



*Harry Dickie*

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)

## Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0508-B3 Date Received 8-22-05 By CH Permit # 23558  
Application Approved by - Zoning Official BLK Date 22.08.05 Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_  
Flood Zone Year Surveyed Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
Comments Designated as Flood Hazard Area

Applicants Name DEWY SPAY Phone 752-7275  
Address 8118 SE OR 245 LAKE CITY, FLA 32025  
Owners Name SAME AS ABOVE Phone \_\_\_\_\_  
911 Address SE HADE STREET LAKE CITY, FL 32025  
Contractors Name SAME AS ABOVE Phone SA - ABOVE  
Address \_\_\_\_\_  
Fee Simple Owner Name & Address \_\_\_\_\_  
Bonding Co. Name & Address \_\_\_\_\_ PHONE # 850-892-593  
Architect/Engineer Name & Address CHARLES CASWELL 171 DOGWOOD RD. DEERUN. SPRINGS 32435  
Mortgage Lenders Name & Address \_\_\_\_\_  
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
Property ID Number 09064-001 255-17 Estimated Cost of Construction \$150,000  
Subdivision Name N/A Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions SR 25 (US 41 - 441) South To HADE STREET - EAST 1/4 mile  
HOE ON North side of Road.  
Type of Construction FRAME - brick veneer Number of Existing Dwellings on Property NONE  
Total Acreage ? Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
Actual Distance of Structure from Property Lines - Front 200 Side 50 Side 50 Rear 150  
Total Building Height 25' Number of Stories 1 Heated Floor Area 2267 Roof Pitch 7/12

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.

Dewy P. Spay  
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
this 22 day of 08 2005.  
Personally known / or Produced Identification \_\_\_\_\_

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



Notary Signature

# 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

## 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:** August 29, 2005

**ENHANCED 9-1-1 ADDRESS:**

1223 SE GABE ST (LAKE CITY, FL 32025)

**Addressed Location 911 Phone Number:** NOT AVAIL.

**OCCUPANT NAME:** NOT AVAIL.

**OCCUPANT CURRENT MAILING ADDRESS:** \_\_\_\_\_

**PROPERTY APPRAISER PARCEL NUMBER:** 02-SS-17-09067-001

**Other Contact Phone Number (If any):** \_\_\_\_\_

**Building Permit Number (If known):** \_\_\_\_\_

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

**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.**

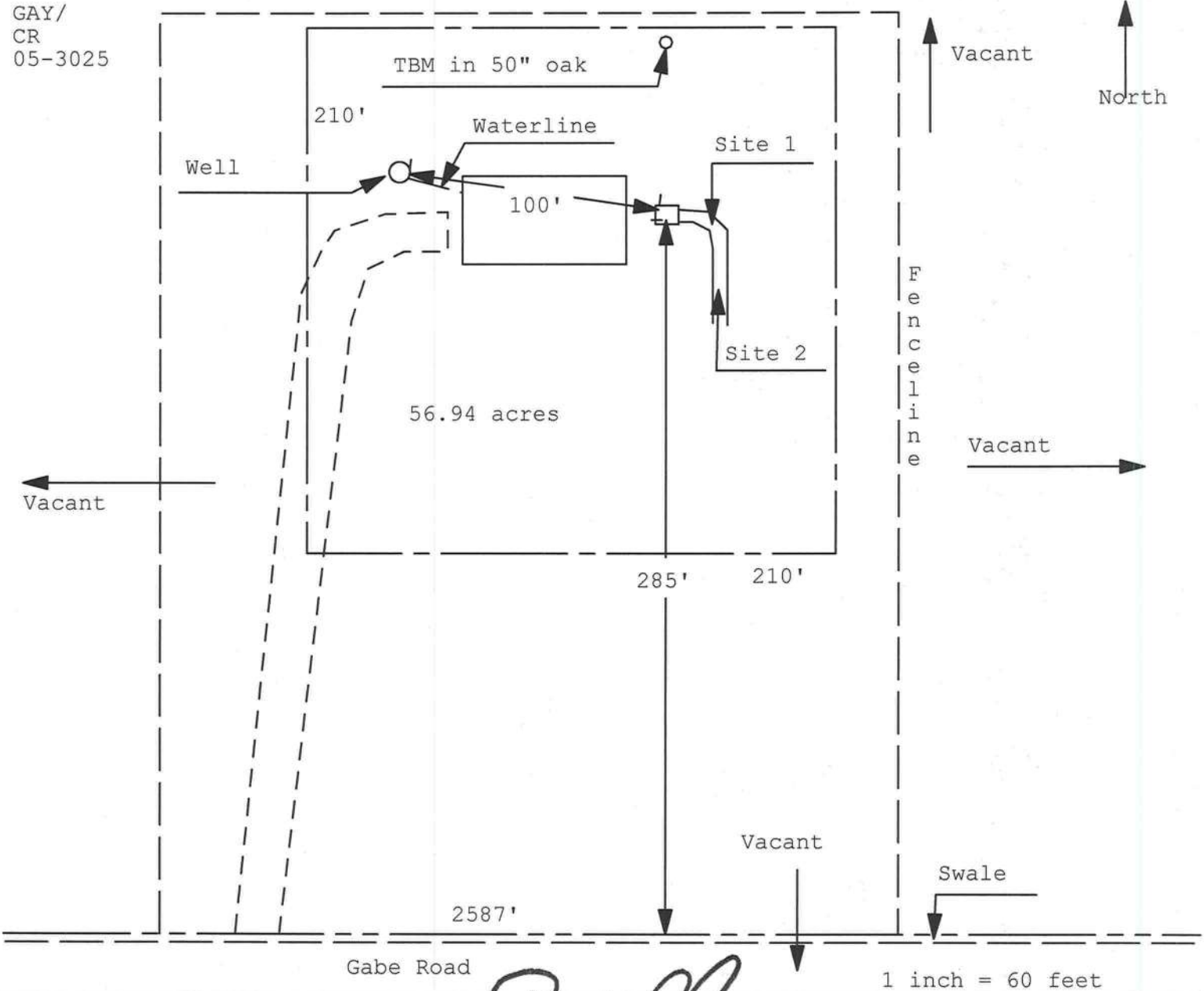
COLUMBIA COUNTY  
9-1-1 ADDRESSING  
APPROVED

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

Permit Application Number: 05-0883N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

GAY/  
CR  
05-3025



Site Plan Submitted By Paul Lloyd Date 8/25/05  
Plan Approved ☒ Not Approved ☐ Date 8/26/05

By man & 2n Columbia CPHU

Notes: \_\_\_\_\_



*Colvert waver - 778*

Parcel: 02-5S-17-09067-001

Tax Record

Property Card

Interactive GIS Map

Print

## Owner &amp; Property Info

Search Result: 1 of 1

<b>Owner's Name</b>	GAY DEWY P
<b>Site Address</b>	
<b>Mailing Address</b>	8118 SE CR-245 LAKE CITY, FL 32055
<b>Brief Legal</b>	SW1/4 OF SE1/4, EX RD R/W & S1/2 OF SE1/4 OF SE1/4, EX RD R/W & EX 2 AC DESC IN ORB

<b>Use Desc. (code)</b>	TIMBERLAND (005600)
<b>Neighborhood</b>	2517.00
<b>Tax District</b>	3
<b>UD Codes</b>	MKTA02
<b>Market Area</b>	02
<b>Total Land Area</b>	54.940 ACRES

## Property &amp; Assessment Values

<b>Mkt Land Value</b>	cnt: (0)	\$0.00
<b>Ag Land Value</b>	cnt: (2)	\$9,339.00
<b>Building Value</b>	cnt: (0)	\$0.00
<b>XFOB Value</b>	cnt: (0)	\$0.00
<b>Total Appraised Value</b>		\$9,339.00

<b>Just Value</b>	\$131,856.00
<b>Class Value</b>	\$9,339.00
<b>Assessed Value</b>	\$9,339.00
<b>Exempt Value</b>	\$0.00
<b>Total Taxable Value</b>	\$9,339.00

## Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
9/13/1990	730/831	WD	V	U		\$30,300.00
6/6/1990	721/329	WD	V	U		\$29,100.00

## Building Characteristics

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

## Extra Features &amp; Out Buildings

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

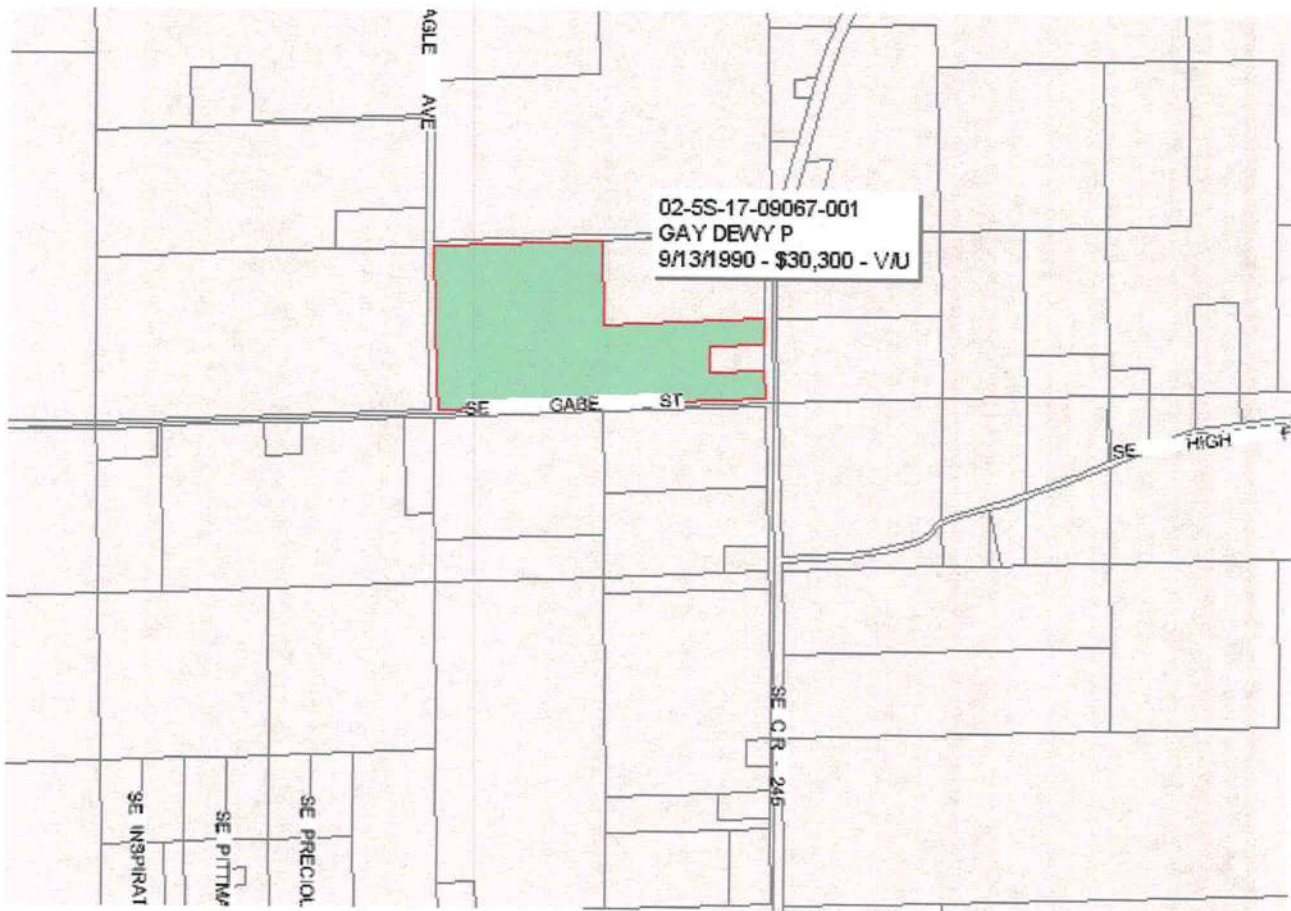
## Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
006200	PASTURE 3 (AG)	11.000 AC	1.00/1.00/1.00/1.00	\$170.00	\$1,870.00
006200	PASTURE 3 (AG)	43.940 AC	1.00/1.00/1.00/1.00	\$170.00	\$7,469.00
009910	MKT.VAL.AG (MKT)	54.940 AC	1.00/1.00/1.00/1.00	\$0.00	\$131,856.00

Columbia County Property Appraiser

DB Last Updated: 8/3/2005

1 of 1



90 06354

1990 JUN -8- 4:20

0721 00324

THIS INSTRUMENT WAS PREPARED BY:  
TERRY McDAVID  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328

WARRANTY DEED

THIS INDENTURE, made this 6th day of June, 1990, between LORETTA PEARCE, a widow, of the County of Columbia, State of Florida, grantor\*, and DEWY P. GAY, whose post office address is: Route 3, Box 82, Lake City, Florida 32055 of the County of Columbia, State of Florida, grantee\*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

TOWNSHIP 5 SOUTH - RANGE 17 EAST

SECTION 2: A part of the Southwest 1/4 of the Southeast 1/4 of Section 2, Township 5 South, Range 17 East being more particularly described as follows: Begin at the Northeast corner of said SW 1/4 of the SE 1/4 and run S 00°08'53" E along the East line thereof 1286.43 feet to the North right-of-way line of Gabe Road; thence S 88°30'34" W along said right-of-way line 650.93 feet; thence N 00°38'16" W, 1285.38 feet to the South maintained right-of-way line of a dirt road; thence N 88°26'16" E along said South line, 661.94 feet to the POINT OF BEGINNING. Columbia County, Florida.

N.B.: The spouse with whom title to this property was acquired was continuously married to the named grantor in this deed from the time of its acquisition through the time of said spouse's death.

N.B.: For a period of time continuing for twenty (20) years from this date, no mobile homes shall be placed on the property described herein.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

PARCEL NO. R09067-000

EX 0721 P80325

OFFICIAL RECORDS

\*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered  
in our presence:

Mirtle Ann McElroy  
Elizabeth N. Hagan

Loretta Pearce  
LORETTA PEARCE

STATE OF FLORIDA  
COUNTY OF COLUMBIA

I HEREBY CERTIFY that on this day before me, an officer duly qualified to take acknowledgements, personally appeared LORETTA PEARCE, to me known to be the person described in and who executed the foregoing instrument and acknowledged before me that she executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 6th day of June, 1990.

Elizabeth N. Hagan  
Notary Public  
My Commission Expires:

NOTARY PUBLIC, STATE OF FLORIDA.  
MY COMMISSION EXPIRES: JULY 17, 1992.  
BONDED THRU NOTARY PUBLIC UNDERWRITERS

8/19/2005 10:15 CAMAUSA Appraisal System Columbia County  
Property Maintenance Land 000 \*  
Year T Property Sel 9339 AG 002  
- 2005, R 02-5S-17-09067-001 Conf Bldg 000  
Owner GAY DEWY P Xfea 000  
Addr 8118 SE CR-245 9339 TOTAL B  
54.940 Total Acres  
City, St LAKE CITY FL Zip 32055 Retain Cap? Renewal Notice  
Country (PUD1) (PUD2) (PUD3) MKTA02  
Appr By JS Date 3/25/1999 AppCode UseCd 005600 TIMBERLAND 70-79  
TxDist Nbhd MktA ExCode Exemption/% TxCode Units Tp  
003 2517.00 02  
DIST 3  
House# Street -- MD Dir #  
Subd N/A Condo .00 N/A  
Sect 2 Twn 5S Rnge 17 Subd Blk Lot  
Legals SW1/4 OF SE1/4, EX RD R/W & S1/2 OF SE1/4 OF SE1/4, EX RD  
R/W & EX 2 AC DESC IN ORB 475-130, ORB 608-228, 721-324, +  
Map# Mnt 11/08/2004 JEFF  
F1=Task F2=ExTx F3=Exit F4=Prompt F11=Docs F10=GoTo PgUp/PgDn F24=More

Taxes Est - 3000<sup>00</sup> - 3700<sup>00</sup>

# Columbia County Building Department Culvert Waiver

Culvert Waiver No.  
000000778

DATE: 08/22/2005

BUILDING PERMIT NO. \_\_\_\_\_

PHONE 752-7275

APPLICANT DEWY GAY

LAKE CITY

FL 32055

ADDRESS 245 SE CR 245

PHONE 752-7275

OWNER DEWY GAY

LAKE CITY

FL 32055

ADDRESS 8118 SE CR 245

PHONE \_\_\_\_\_

CONTRACTOR SAME AS APPLICANT

LOCATION OF PROPERTY CR 245, TR ON GABE ST, 1/4 MILE ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT \_\_\_\_\_

PARCEL ID # 02-5S-17-09067-001

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: Dewy P. Gay

Amount Paid 50.00

A SEPARATE CHECK IS REQUIRED  
MAKE CHECKS PAYABLE TO BCC

## PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:



APPROVED

NOT APPROVED - NEEDS A CULVERT I

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

SIGNED: Danell Feagly

DATE: 8/22/05

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

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



## DISCLOSURE STATEMENT

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

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

#### TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling  
☐ Farm Outbuilding  
☐ New Construction

- ☐ Two-Family Residence  
☐ Other \_\_\_\_\_

☐ Addition, Alteration, Modification or other Improvement

#### NEW CONSTRUCTION OR IMPROVEMENT

I Dewy Hay, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number 23558

Dewy P. Hay  
Signature \_\_\_\_\_ Date 8-22-05

#### FOR BUILDING USE ONLY

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

Date 8-22-05 Building Official/Representative John Kerce



Commercial & Residential  
P.O. Box 4915  
Fort Walton Beach, FL 32549  
(850) 267-4988 (850) 240-3520  
Fax (850) 862-0043

Columbia County Building Inspection Department  
Attention: Mr. Johnny Keerce  
135 N.E. Hernando Ave.  
Lake City, FL 32055  
Fax: (386) 758-2160

October 13, 2005

**Re: Addendum Letter for the Andrew & Karen Hobbs Residence  
CMU Wall Construction in lieu of Wood Stud Frame Construction  
Contractor: Mr. Dewey Gay**

Dear Mr. Keerce:

Based on my conversation with the contractor of record for the aforementioned residence under construction, the contractor may install CMU (masonry) walls in lieu of a conventional stud frame walls. The contractor shall construct the CMU wall in accordance with the Florida Building Code 2004 - Residential. The CMU walls shall have #5 vertical rebar - 32" on center. The 1/2" diameter anchor bolts shall be placed on 2'-0" centers. The footers shall be consistent with the approved plans and specifications.

If you have any questions or desire additional information, please contact me at your earliest convenience.

Sincerely,



Michael D. Newell, P.E.

FLORIDA ENERGY EFFICIENCY CODE  
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A


Project Name:	<del>1405</del> Dewy Hay	Builder:	
Address:		Permitting Office:	
City, State:	,	Permit Number:	
Owner:		Jurisdiction Number:	
Climate Zone:	South		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr SEER: 10.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	4	c. N/A	
5. Is this a worst case?	No	13. Heating systems	
6. Conditioned floor area (ft²)	2267 ft²	a. Electric Heat Pump	Cap: 42.0 kBtu/hr HSPF: 7.00
7. Glass area & type	Single Pane Double Pane	b. N/A	
a. Clear glass, default U-factor	0.0 ft² 283.0 ft²	c. N/A	
b. Default tint	0.0 ft² 0.0 ft²	14. Hot water systems	
c. Labeled U or SHGC	0.0 ft² 0.0 ft²	a. Electric Resistance	Cap: 50.0 gallons EF: 0.90
8. Floor types		b. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 325.4(p) ft	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
b. N/A		15. HVAC credits	PT, CF,
c. N/A		(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 2603.2 ft²		
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 2493.7 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Con. Ret: Con. AH: Interior	Sup. R=6.0, 87.8 ft		
b. N/A			

Glass/Floor Area: 0.12

Total as-built points: 31250  
Total base points: 37841

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. <b>PREPARED BY:</b> <u>Willie H. Lee</u> <b>DATE:</b> <u>8/25/05</u> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. <b>OWNER/AGENT:</b> <u>Dewy Hay</u> <b>DATE:</b> <u>8-25-05</u>	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. <b>BUILDING OFFICIAL:</b> _____ <b>DATE:</b> _____ 
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# 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. 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.	

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	Multiplier X
Number of	X	Multiplier	=	Total	Volume	Bedrooms		Ratio	Credit = Total
Bedrooms									Multiplier
4		2369.00		9476.0	50.0	0.90	4	1.00	2316.36
									1.00
									9265.4
					As-Built Total:				9265.4

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating
Points		Points		Points		Points	Points		Points
27038		1328		9476		37841	20875		1110
									9265
									31250

PASS



WINTER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		2115.9		Winter As-Built Points:					2317.2	
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
2115.9		0.6274	1327.5	2317.2		1.000	(1.000 x 1.137 x 0.91)	0.487	0.950	1109.5
				2317.2		1.00	1.035	0.487	0.950	1109.5

WINTER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	2267.0	2.36	963.0	Double, Clear	N	1.5	5.0	24.0	4.38	0.99	104.0						
				Double, Clear	N	1.5	6.0	30.0	4.38	0.99	130.3						
				Double, Clear	E	1.5	6.0	30.0	3.30	1.02	101.1						
				Double, Clear	S	1.5	6.0	30.0	3.12	1.02	95.3						
				Double, Clear	SW	1.5	6.0	30.0	3.63	1.01	110.1						
				Double, Clear	SW	1.5	6.0	30.0	3.63	1.01	110.1						
				Double, Clear	S	1.5	6.0	30.0	3.12	1.02	95.3						
				Double, Clear	W	1.5	5.0	12.0	3.98	1.00	47.7						
				Double, Clear	SW	1.5	6.0	15.0	3.63	1.01	55.0						
				Double, Clear	SW	1.5	6.0	40.0	3.63	1.01	146.7						
				Double, Clear	SW	1.5	5.0	12.0	3.63	1.02	44.3						
				As-Built Total:							283.0	1039.7					
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		2603.2	0.60	1561.9								
Exterior	2603.2	0.60	1561.9														
Base Total:			As-Built Total:								2603.2 1561.9						
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points												
Adjacent	0.0	0.00	0.0	Exterior Wood	102.0 2.80 285.6												
Exterior	102.0	1.80	183.6														
Base Total:			As-Built Total:								102.0 285.6						
CEILING TYPESArea X BWPM = Points				Type	R-Value	Area X WPM X WCM = Points											
Under Attic	2267.0	0.10	226.7	Under Attic	30.0	2493.7	0.10 X 1.00		249.4								
Base Total:			226.7	As-Built Total:							2493.7 249.4						
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points											
Slab	325.4(p)	-2.1	-683.3	Slab-On-Grade Edge Insulation	0.0	325.4(p)	-2.10			-683.3							
Raised	0.0	0.00	0.0														
Base Total:			-683.3	As-Built Total:							325.4 -683.3						
INFILTRATION Area X BWPM = Points				Area X WPM = Points													
2267.0 -0.06 -136.0			2267.0 -0.06 -136.0														

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 63379.9				Summer As-Built Points: 64694.2							
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	
63379.9		0.4266	27037.9	64694.2		1.00	(1.000 x 1.165 x 0.90)	0.341	0.902	20875.4	
						1.00	1.048	0.341	0.902	20875.4	

SUMMER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	2267.0	32.50	13262.0	Double, Clear	N	1.5	5.0	24.0	31.93	0.92	703.6							
				Double, Clear	N	1.5	6.0	30.0	31.93	0.94	900.7							
				Double, Clear	E	1.5	6.0	30.0	68.60	0.92	1888.1							
				Double, Clear	S	1.5	6.0	30.0	58.45	0.87	1532.9							
				Double, Clear	SW	1.5	6.0	30.0	64.05	0.90	1727.5							
				Double, Clear	SW	1.5	6.0	30.0	64.05	0.90	1727.5							
				Double, Clear	S	1.5	6.0	30.0	58.45	0.87	1532.9							
				Double, Clear	W	1.5	5.0	12.0	61.59	0.88	652.7							
				Double, Clear	SW	1.5	6.0	15.0	64.05	0.90	863.8							
				Double, Clear	SW	1.5	6.0	40.0	64.05	0.90	2303.4							
				Double, Clear	SW	1.5	5.0	12.0	64.05	0.86	658.2							
				As-Built Total:							283.0	14491.2						
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		2603.2	2.40		6247.7								
Exterior	2603.2	2.70	7028.6															
Base Total:				As-Built Total:							2603.2	6247.7						
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points													
Adjacent	0.0	0.00	0.0	Exterior Wood	102.0 9.40 958.8													
Exterior	102.0	6.40	652.8															
Base Total:				As-Built Total:							102.0	958.8						
CEILING TYPES Area X BSPM = Points				Type	R-Value	Area X SPM X SCM = Points												
Under Attic	2267.0	2.80	6347.6	Under Attic	30.0	2493.7	2.77 X 1.00 6907.5											
Base Total:				As-Built Total:							2493.7	6907.5						
FLOOR TYPES Area X BSPM = Points				Type	R-Value	Area X SPM = Points												
Slab	325.4(p)	-20.0	-6508.0	Slab-On-Grade Edge Insulation	0.0	325.4(p)	-20.00			-6508.0								
Raised	0.0	0.00	0.0															
Base Total:				As-Built Total:							325.4	-6508.0						
INFILTRATION Area X BSPM = Points				Area X SPM = Points														

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

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

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

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 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 (ft <sup>2</sup> )	2267 ft <sup>2</sup>		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear - single pane	0.0 ft <sup>2</sup> 283.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
b. Clear - double pane	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>		HSPF: 7.00
c. Tint/other SHGC - single pane	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>	b. N/A	
d. Tint/other SHGC - double pane		c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 325.4(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 2603.2 ft <sup>2</sup>	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT, CF,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types	R=30.0, 2493.7 ft <sup>2</sup>	PT-Programmable Thermostat,	
a. Under Attic		MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Con. Ret: Con. AH: Interior	Sup. R=6.0, 87.8 ft		
b. N/A			

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

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

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



*\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar<sup>TM</sup> designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at [www.fsec.ucf.edu](http://www.fsec.ucf.edu) for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs Energy Gauge<sup>®</sup> (Version: FLRCPB v3.30)*

# Residential System Sizing Calculation

## Summary

Project Title:  
Duey Gay

Code Only  
Professional Version  
Climate: South

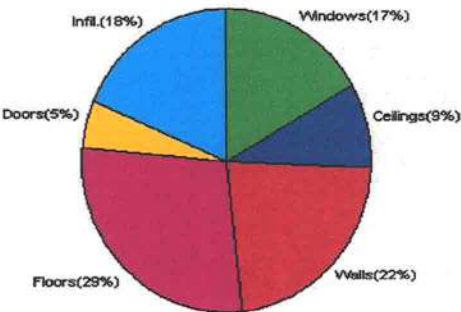
8/24/2005

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	98	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	23	F
Total heating load calculation		36005	Total cooling load calculation		36128
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	116.6	42000	Sensible (SHR = 0.5)	70.7	21000
Heat Pump + Auxiliary(0.0kW)	116.6	42000	Latent	326.3	21000
			Total (Electric Heat Pump)	116.3	42000

## WINTER CALCULATIONS

Winter Heating Load (for 2267 sqft)

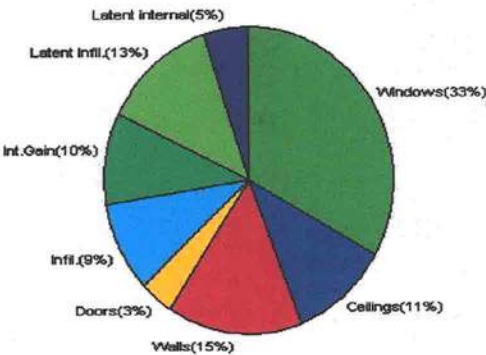
Load component		Load	
Window total	283 sqft	6085	Btuh
Wall total	2603 sqft	8070	Btuh
Door total	102 sqft	1830	Btuh
Ceiling total	2494 sqft	3242	Btuh
Floor total	325 ft	10283	Btuh
Infiltration	151 cfm	6497	Btuh
Subtotal		36005	Btuh
Duct loss		0	Btuh
TOTAL HEAT LOSS		36005	Btuh



## SUMMER CALCULATIONS

Summer Cooling Load (for 2267 sqft)

Load component		Load	
Window total	283 sqft	12027	Btuh
Wall total	2603 sqft	5571	Btuh
Door total	102 sqft	1253	Btuh
Ceiling total	2494 sqft	3890	Btuh
Floor total		0	Btuh
Infiltration	133 cfm	3352	Btuh
Internal gain		3600	Btuh
Subtotal(sensible)		29693	Btuh
Duct gain		0	Btuh
Total sensible gain		29693	Btuh
Latent gain(infiltration)		4595	Btuh
Latent gain(internal)		1840	Btuh
Total latent gain		6435	Btuh
TOTAL HEAT GAIN		36128	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: W. J. P. / J. P.

DATE: 8/25/05

EnergyGauge® FLRCPB v3.30

# System Sizing Calculations - Winter

## Residential Load - Component Details

Project Title:  
Duey Gay

Code Only  
Professional Version  
Climate: South

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

8/24/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Wood, DEF	N	24.0	21.5	516 Btuh
2	2, Clear, Wood, DEF	N	30.0	21.5	645 Btuh
3	2, Clear, Wood, DEF	E	30.0	21.5	645 Btuh
4	2, Clear, Wood, DEF	S	30.0	21.5	645 Btuh
5	2, Clear, Wood, DEF	SW	30.0	21.5	645 Btuh
6	2, Clear, Wood, DEF	SW	30.0	21.5	645 Btuh
7	2, Clear, Wood, DEF	S	30.0	21.5	645 Btuh
8	2, Clear, Wood, DEF	W	12.0	21.5	258 Btuh
9	2, Clear, Wood, DEF	SW	15.0	21.5	322 Btuh
10	2, Clear, Wood, DEF	SW	40.0	21.5	860 Btuh
11	2, Clear, Wood, DEF	SW	12.0	21.5	258 Btuh
Window Total			283		6085 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	2603	3.1	8070 Btuh
Wall Total			2603		8070 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		102	17.9	1830 Btuh
Door Total			102		1830Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2494	1.3	3242 Btuh
Ceiling Total			2494		3242Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	325.4 ft(p)	31.6	10283 Btuh
Floor Total			325		10283 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	22670(sqft)	151	6497 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				151	6497 Btuh

Totals for Heating	Subtotal	36005 Btuh
	Duct Loss(using duct multiplier of 0.00)	0 Btuh
	Total Btuh Loss	36005 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

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

(HTM - ManualJ Heat Transfer Multiplier)

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

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Project Title:  
Duey Gay

Code Only  
Professional Version  
Climate: South

8/24/2005

Totals for Cooling	Subtotal	29693 Btuh
	Duct gain(using duct multiplier of 0.00)	0 Btuh
	Total sensible gain	29693 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	4595 Btuh
	Latent occupant gain (8 people @ 230 Btuh per person)	1840 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	36128 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)  
(Ormt - compass orientation)

# System Sizing Calculations - Summer

## Residential Load - Component Details

Project Title:  
Duey Gay

Code Only  
Professional Version  
Climate: South

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 8/24/2005

Window	Type	Ormt	Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	N	1.5	5	24.0	0.0	24.0	24	24	576 Btuh	
2	2, Clear, DEF, N, N	N	1.5	6	30.0	0.0	30.0	24	24	720 Btuh	
3	2, Clear, DEF, N, N	E	1.5	6	30.0	4.0	26.0	24	74	2022 Btuh	
4	2, Clear, DEF, N, N	S	1.5	6	30.0	30.0	0.0	24	39	720 Btuh	
5	2, Clear, DEF, N, N	SW	1.5	6	30.0	11.0	19.0	24	64	1482 Btuh	
6	2, Clear, DEF, N, N	SW	1.5	6	30.0	11.0	19.0	24	64	1482 Btuh	
7	2, Clear, DEF, N, N	S	1.5	6	30.0	30.0	0.0	24	39	720 Btuh	
8	2, Clear, DEF, N, N	W	1.5	5	12.0	0.0	12.0	24	74	888 Btuh	
9	2, Clear, DEF, N, N	SW	1.5	6	15.0	1.5	13.5	24	64	899 Btuh	
10	2, Clear, DEF, N, N	SW	1.5	6	40.0	16.8	23.2	24	64	1887 Btuh	
11	2, Clear, DEF, N, N	SW	1.5	5	12.0	3.4	8.6	24	64	631 Btuh	
	Window Total				283					12027 Btuh	
Walls 1	Type		R-Value		Area			HTM		Load	
	Frame - Exterior		13.0		2603.2			2.1		5571 Btuh	
	Wall Total				2603.2					5571 Btuh	
Doors 1	Type				Area			HTM		Load	
	Wood - Exter				102.0			12.3		1253 Btuh	
	Door Total				102.0					1253 Btuh	
Ceilings 1	Type/Color		R-Value		Area			HTM		Load	
	Under Attic/Dark		30.0		2493.7			1.6		3890 Btuh	
	Ceiling Total				2493.7					3890 Btuh	
Floors 1	Type		R-Value		Size			HTM		Load	
	Slab-On-Grade Edge Insulation		0.0		325.4 ft(p)			0.0		0 Btuh	
	Floor Total				325.4					0 Btuh	
Infiltration	Type		ACH		Volume			CFM=		Load	
	Natural		0.35		22670			132.5		3352 Btuh	
	Mechanical							0		0 Btuh	
	Infiltration Total							133		3352 Btuh	
Internal gain			Occupants		Btuh/occupant			Appliance		Load	
			8		X 300 +			1200		3600 Btuh	

DATE 08/31/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023558

APPLICANT DEWY GAY PHONE 752.7275

ADDRESS 8118 SE CR 245 LAKE CITY FL 32025

OWNER DEWY GAY PHONE 752.7275

ADDRESS 1223 SE GABE STREET LAKE CITY FL 32025

CONTRACTOR DEWY GAY PHONE 752.7275

LOCATION OF PROPERTY 441-S TO GABE STREET,TL 1 1/4 MILE, ONLY PLACE ON N SIDE OF ROAD

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 117950.00

HEATED FLOOR AREA 2359.00 TOTAL AREA 4522.00 HEIGHT 25.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 7'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO.

PARCEL ID 02-5S-17-09067-001 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 54.94

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor

EXISTING 05-0883-N BLK JDK N

Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

WAIVER APPROVED 8-22-05..

Check # or Cash 1034

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 \$ 590.00 CERTIFICATION FEE \$ 22.61 SURCHARGE FEE \$ 22.61

MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ TOTAL FEE 685.22

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 INCONVIENCE, 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.

Page 2

City: Lake City FL

Calculated Heating Requirements	<u>24431</u>	BTUH	Calculated Cooling Requirements	<u>45381</u>	BTUH
Size of Unit Chosen	_____	BTUH	Size of Unit Chosen	<u>48006</u>	BTUH
Oversized	_____		% Oversized	_____	
Undersized	_____		% Undersized	_____	

## Page 1

**HVAC WORKSHEET  
FOR WATT-WISE  
LIVING**

DESIGN  
TEMPERATURE  
DIFFERENCE

WINDOWS & GLASS DOORS		AREA SQUARE FEET	30° / 35° / 40° / 45° / 50°					HEATING (BTUH LOSS)
			HEATING MULTIPLIER (CIRCLE ONE)					
Glass Doors, Infiltration less than 1.0 CFM/FT								
	Single Glass							
	Double Glass		50	60	70	75	85	
Other Sliding Glass Doors		40	40	45	50	55	60	2000
	Single Glass							
	Double Glass		75	85	100	115	125	
Windows, Infiltration less than 0.50 CFM/FT			60	70	80	90	100	
	Single Glass							
	Double Glass		40	50	55	60	70	
Windows, Infiltration less than 0.75 CFM/FT		232	25	30	35	40	45	8120
	Single Glass							
	Double Glass		45	50	60	65	75	
Other Windows			30	35	40	45	50	
	Single Glass							
	Double Glass		75	90	105	115	130	
Fixed or Picture Windows			60	70	80	90	105	
	Single Glass							
	Double Glass		40	50	55	60	70	
Other			25	30	35	40	45	
Total BTUH Loss (Enter on Line 2, Page 2)								10120

[illegible]

## COLUMBIA COUNTY BUILDING DEPARTMENT

### 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

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

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

#### APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Site Plan including:</b> 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.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Wind-load Engineering Summary, calculations and any details required</b> 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/m <sup>2</sup> ), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Elevations including:</b> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation 18 d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height 23' 8" 25' g) Number of stories 1

**Floor Plan including:**

- ☒ a) Rooms labeled and dimensioned
- ☒ b) Shear walls
- ☒ c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown) *ON*
- ☒ d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth *16"*
- ☒ e) ~~Stairs~~ with dimensions (width, tread and riser) and details of guardrails and handrails
- ☒ f) Must show and identify accessibility requirements (accessible bathroom)

**Foundation Plan including:**

- ☒ a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- ☒ b) All posts and/or column footing including size and reinforcing
- ☒ c) ~~Any~~ special support required by soil analysis such as piling
- ☒ d) Location of any vertical steel

**Roof System:**

- ☒ a) Truss package including:
  - 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
  - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- ☒ b) Conventional Framing Layout including:
  - 1. Rafter size, species and spacing
  - 2. Attachment to wall and uplift
  - 3. Ridge beam sized and valley framing and support details
  - 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

**Wall Sections including:**

- ☒ a) ~~Masonry~~ wall
  - 1. All materials making up wall
  - 2. Block size and mortar type with size and spacing of reinforcement
  - 3. Lintel, tie-beam sizes and reinforcement
  - 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
  - 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
  - 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
  - 7. Fire resistant construction (if required)
  - 8. Fireproofing requirements
  - 9. Shoe type of termite treatment (termicide or alternative method)
  - 10. Slab on grade
    - a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
    - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
  - 11. Indicate where pressure treated wood will be placed
  - 12. Provide insulation R value for the following:
    - a. Attic space
    - b. Exterior wall cavity
    - c. Crawl space (if applicable)

☐ ☒ **b) Wood frame wall**

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

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

**Floor Framing System:**

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

☒ **Plumbing Fixture layout**

☒ **Electrical layout including:**

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

☒ **HVAC information**

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

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

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

☒ **Disclosure Statement for Owner Builders**

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

☒ **Private Potable Water**

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

23558

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.

Tax Parcel ID Number 02-53-17-09067-001

1. Description of property: (legal description of the property and street address or 911 address)  
SE CORNER OF SW 1/4 OF THE SE 1/4 OF SECTION 2-5S-R17E OF CO. 1.  
Co. R40. NO 31'55"W 33.06 FT THENCE S 88° 43'13"W 192.89 FEET TO THE  
POINT OF BEGINNING, THENCE S 88° 30'34"W, 200 FT THENCE N 33° 51' W, 437.84 FT  
THENCE N 88° 30' 34"E 200 FT THENCE S 00° 33' 51"E 437.84 FT TO THE  
POINT OF BEGINNING CONTAINING 2.01 ACRES MORE OR LESS
2. General description of improvement: NEW HOME
3. Owner Name & Address DEWY LAY 8118 SE CR 245 LAKE CITY, FLA  
Interest in Property OWNER 32025
4. Name & Address of Fee Simple Owner (if other than owner): \_\_\_\_\_
5. Contractor Name SAME AS OWNER Phone Number \_\_\_\_\_  
Address \_\_\_\_\_
6. Surety Holders Name N/A Inst:2005025214 Date:10/11/2005 Time:11:25  
MK DC,P.DeWitt Cason,Columbia County B:1061 P:1049  
Address \_\_\_\_\_  
Amount of Bond \_\_\_\_\_
7. Lender Name FIRST FEDERAL Phone Number 755-0600  
Address 2571 WEST US 90 LAKE CITY, FL 32056
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:  
Name \_\_\_\_\_ Phone Number \_\_\_\_\_  
Address \_\_\_\_\_
9. In addition to himself/herself the owner designates \_\_\_\_\_ of \_\_\_\_\_  
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -  
(a) 7. Phone Number of the designee \_\_\_\_\_
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) \_\_\_\_\_

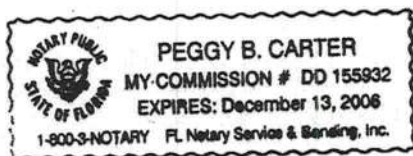
**NOTICE AS PER CHAPTER 713, Florida Statutes:**

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Dewy L. Lay  
Signature of Owner

Sworn to (or affirmed) and subscribed before  
day of 10/11, 2005

NOTARY STAMP/SEAL



Peggy B. Carter  
Signature of Notary

NEW CONSTRUCTION SUBTERRANEAN TERMITE TREATMENT RECORD

ASPEN PESTCONTROL INC.  
301 N.W. COLE TERRACE  
LAKE CITY FL. 32055  
Phone 386/755/3611

# 23558

BUILDER INFORMATION

Company Name Dewey Bay Company Phone \_\_\_\_\_

Property Information

Location of Structure Treated ( Street Address or Legal Description City, State and Zip \_\_\_\_\_

4114 SE CR 245  
Zephyrus, FL

TREATMENT INFORMATION

Date 10-14-05

Product Exterminator

EPA Registration 70907-7-53843 ~~109640~~

Final Mix Solution % .23%

Treatment Area Main body - Porch

Total Gallons 745 Was Treatment Complete no

Service Agreement Available? Upon Completion

Comments \_\_\_\_\_

Applicator Steve Brennan

Authorized Signature [Signature] Date 10-14-05