

DATE 06/16/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023280

APPLICANT OTIS ROBERTS PHONE 752-0862

ADDRESS 229 SE OAT PLACE LAKE CITY FL 32025

OWNER OTIS ROBERTS PHONE 752-0862

ADDRESS 229 SE OAT PLACE LAKE CITY FL 32025

CONTRACTOR OWNER BUILDER PHONE

LOCATION OF PROPERTY 441S, TL ON CR 252, TR ON CR 133B, TL ON OAT PLACE,
HOUSE BEHIND 3RD MH ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 103700.00

HEATED FLOOR AREA 2074.00 TOTAL AREA 3034.00 HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 23

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

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

PARCEL ID 22-4S-17-08689-000 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 10.00

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

EXISTING 05-0483-R 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

MH SHALL BE REMOVED WITHIN 30 DAYS OF CO BEING ISSUED FOR HOUSE

Check # or Cash 135

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 \$ 520.00 CERTIFICATION FEE \$ 15.17 SURCHARGE FEE \$ 15.17

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

FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ TOTAL FEE 600.34

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.

CERTIFICATE OF OCCUPANCY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 22-4S-17-08689-000

Building permit No. 000023280

Use Classification SFD, UTILITY

Fire: 41.44

Permit Holder OWNER BUILDER

Waste: 85.75

Owner of Building OTIS ROBERTS

Total: 127.19

Location: 229 SE OAT PLACE, LAKE CITY, FL 32025

Date: 03/14/2006



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

CK# 135

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0505-117 Date Received 5-31-05 By LH Permit # 23280
 Application Approved by - Zoning Official BLK Date 16.06.05 Plans Examiner OK JTH Date 6-6-05
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments 1 MH shall be removed within 30 days of CO being issued for House

Applicants Name OTIS ROBERTS Phone 752-0862
 Address 229 SE OAT PLACE, LAKE CITY, FL 32025
 Owners Name OTIS ROBERTS Phone 752-0862
 911 Address 229 SE OAT PLACE, LAKE CITY, FL 32025
 Contractors Name N/A Phone _____
 Address _____
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address MARK DISOSWAY PO BOX 868, LAKE CITY, FL 32056
 Mortgage Lenders Name & Address N/A
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 22-45-17-05689-000 HX Estimated Cost of Construction _____
 Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____
 Driving Directions 4415 TL CR 252 TO TR CR 133-B TURN SOUTH TO SE OAT PLACE, EAST ON SE OAT PLACE, HOUSE BEHIND THIRD TRAILER ON LEFT

Type of Construction RESIDENTIAL - NEW Number of Existing Dwellings on Property _____
 Total Acreage 10.28 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front _____ Side _____ Side _____ Rear _____
 Total Building Height 23' 1/2" Number of Stories 1 Heated Floor Area 2074 Roof Pitch 5/12

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.

Otis P. Roberts Jr
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 15 day of JUNE 2005.
 Personally known X or Produced Identification _____

Contractor Signature _____
 Contractors License Number _____
 Competency Card Number _____

NOTARY STAMP/SEAL M. L. Church
 Commission # DD425257
 Expires May 3, 2009
 Bonded Troy Fain - Insurance, Inc. 800-385-7019

Notary Signature M L Church

**Columbia County Property
Appraiser**

DB Last Updated: 5/2/2005

Parcel: 22-4S-17-08689-000 HX

2005 Proposed Values[Tax Record](#)[Property Card](#)[Interactive GIS Map](#)[Print](#)**Owner & Property Info**

Search Result: 1 of 1

Owner's Name	ROBERTS O P JR
Site Address	RT 6 BX 413
Mailing Address	RT 6 BOX 413 LAKE CITY, FL 32055
Brief Legal	BEG NE COR SE1/4 OF NW1/4, RUN S 678.96 FT, W 261.30 FT, N 237.39 FT, W 208.72 FT, S 233.

Use Desc. (code)	MOBILE HOM (000200)
Neighborhood	22417.00
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	10.620 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (2)	\$45,329.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (2)	\$24,307.00
XFOB Value	cnt: (2)	\$145.00
Total Appraised Value		\$69,781.00

Just Value	\$69,781.00
Class Value	\$0.00
Assessed Value	\$39,319.00
Exempt Value	(code: HX) \$25,000.00
Total Taxable Value	\$14,319.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1985	WD or PLY (08)	1396	1396	\$12,620.00
2	MOBILE HME (000800)	1985	WD or PLY (08)	1536	1536	\$11,687.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0294	SHED WOOD/	0	\$30.00	1.000	10 x 15 x 0	(.00)
0021	BARN,FR AE	0	\$115.00	1.000	17 x 17 x 0	(.00)

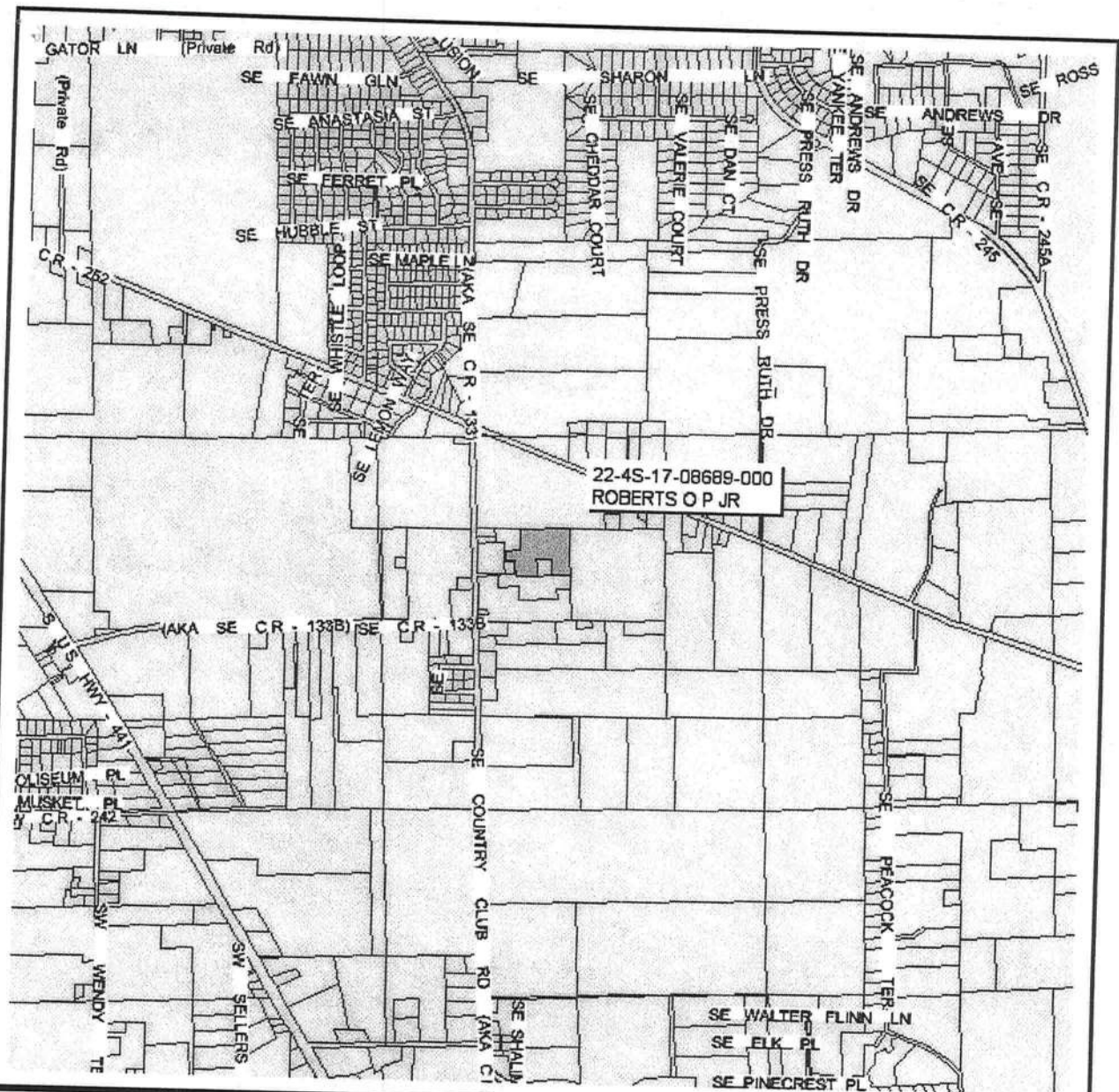
Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000200	MBL HM (MKT)	10.620 AC	1.00/1.00/1.00/1.00	\$4,080.00	\$43,329.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

DB Last Updated: 5/2/2005

1 of 1



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 22-4S-17-08689-000 HX - MOBILE HOM (000200)

BEG NE COR SE1/4 OF NW1/4, RUN S 678.96 FT, W 261.30 FT, N 237.39 FT, W 208.72 FT, S 233.

Name: ROBERTS O P JR
Site: RT 6 BX 413
Mail: RT 6 BOX 413
LAKE CITY, FL 32055
Sales
Info

LandVal	\$45,329.00
BldgVal	\$24,307.00
ApprVal	\$69,781.00
JustVal	\$69,781.00
Assd	\$39,319.00
Exmpt	\$25,000.00
Taxable	\$14,319.00

0 0.1 0.2 0.3 mi

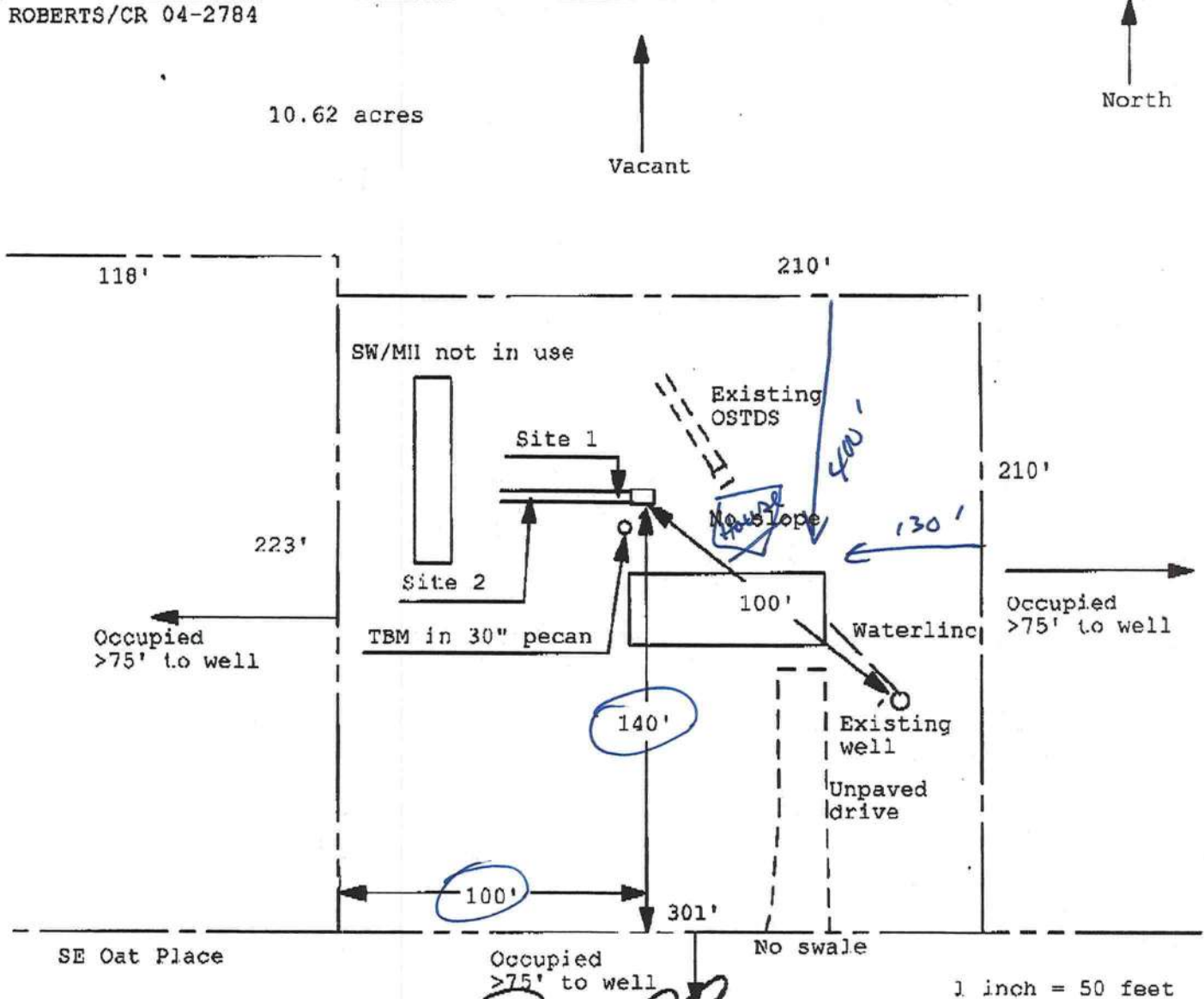


This information, GIS Map Updated: 5/2/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Construction Permit. Part II Site Plan
Permit Application Number: 05-04838

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

ROBERTS/CR 04-2784



Site Plan Submitted By Paul Lloyd Date 4/26/05
Plan Approved ☒ Not Approved ☐ Date 5-2-05

By mm 22 Columbia CPHU

Notes: _____

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 Chris P. Roberts Jr., 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 _____

Chris P. Roberts Jr. 5/31/05
Signature Date

FOR BUILDING USE ONLY

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

Date _____ Building Official/Representative _____

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

***** THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION. *****

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 22-45-17-08689-000

1. Description of property: (legal description of the property and street address or 911 address)

229 SE 04th PL, Lake City, FL 32025

2. General description of improvement: New Home

3. Owner Name & Address Otis P. & Lorraine M. Robert

229 SE 04th PL, LAKE CITY, FL 32025 Interest in Property _____

4. Name & Address of Fee Simple Owner (if other than owner): _____

5. Contractor Name ~~OTIS P. ROBERTS JR.~~ Otis P. Roberts Jr. Phone Number 752-0862

Address 229 SE 04th PL, LAKE CITY, FL 32025

6. Surety Holders Name N/A

Address _____ Inst: 2005012761 Date: 05/31/2005 Time: 11:31
Amount of Bond mk DC, P. DeWitt Cason, Columbia County B: 1047 P: 1625

7. Lender Name N/A

Address _____

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 N/A Phone Number _____

Address _____

9. In addition to himself/herself the owner designates N/A 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:

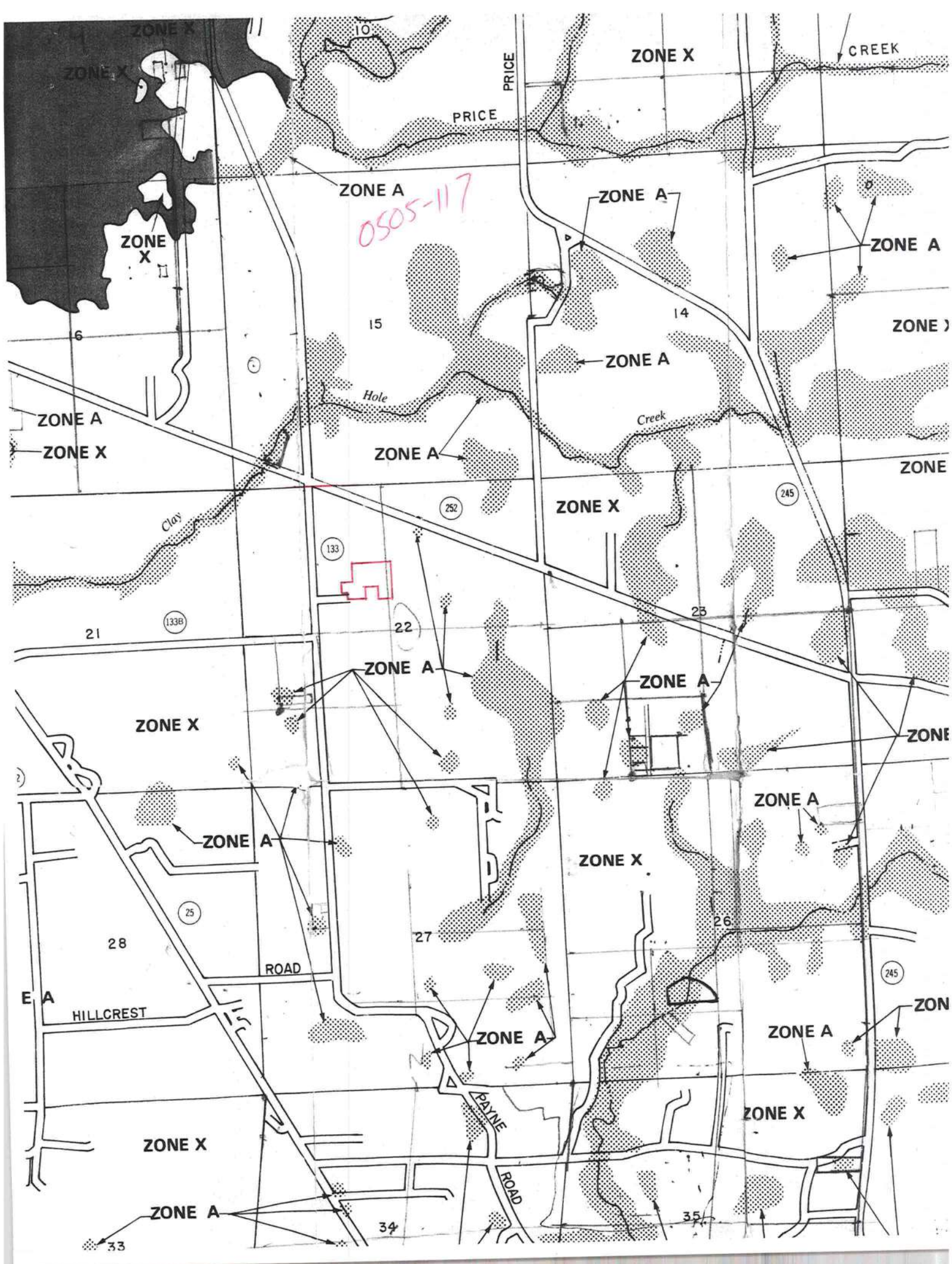
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Otis P. Roberts Jr.
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of 5/31, 2005

NOTARY **WILLIAM W. Church**
Commission # DD425257
Expires May 3, 2009
Bonded Troy Fain - Insurance, Inc. 800-385-7019

W. Church
Signature of Notary



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **504042OtisRes.**
Address: **229 Oat PL**
City, State: **Lake City, FL**
Owner: **Otis**
Climate Zone: **North**

Builder:
Permitting Office:
Permit Number: **23280**
Jurisdiction Number: **221000**

1. New construction or existing	New	—
2. Single family or multi-family	Single family	—
3. Number of units, if multi-family	1	—
4. Number of Bedrooms	3	—
5. Is this a worst case?	Yes	—
6. Conditioned floor area (ft ²)	2074 ft ²	—
7. Glass area & type	Single Pane	Double Pane
a. Clear glass, default U-factor	0.0 ft ²	253.0 ft ²
b. Default tint, default U-factor	0.0 ft ²	0.0 ft ²
c. Labeled U-factor or SHGC	0.0 ft ²	0.0 ft ²
8. Floor types		
a. Slab-On-Grade Edge Insulation	R=0.0, 256.0(p) ft	—
b. N/A	—	—
c. N/A	—	—
9. Wall types		
a. Frame, Wood, Exterior	R=13.0, 1622.0 ft ²	—
b. Frame, Wood, Adjacent	R=13.0, 421.0 ft ²	—
c. N/A	—	—
d. N/A	—	—
e. N/A	—	—
10. Ceiling types		
a. Under Attic	R=30.0, 2074.0 ft ²	—
b. N/A	—	—
c. N/A	—	—
11. Ducts		
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 140.0 ft	—
b. N/A	—	—
12. Cooling systems		
a. Central Unit	Cap: 44.0 kBtu/hr	—
	SEER: 10.00	—
b. N/A	—	—
c. N/A	—	—
13. Heating systems		
a. Electric Heat Pump	Cap: 44.0 kBtu/hr	—
	HSPF: 7.20	—
b. N/A	—	—
c. N/A	—	—
14. Hot water systems		
a. Electric Resistance	Cap: 30.0 gallons	—
	EF: 0.89	—
b. N/A	—	—
c. Conservation credits	—	—
(HR-Heat recovery, Solar		
DHP-Dedicated heat pump)		
15. HVAC credits		—
(CF-Ceiling fan, CV-Cross ventilation,		
HF-Whole house fan,		
PT-Programmable Thermostat,		
MZ-C-Multizone cooling,		
MZ-H-Multizone heating)		

Glass/Floor Area: 0.12

Total as-built points: 29445

Total base points: 31068

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: 5/3/09 Ben Sparks

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: 229 Oat PL, Lake City, 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	2074.0	20.04	7481.3	Double, Clear	E	1.5	7.0	30.0	42.06	0.94	1184.1		
				Double, Clear	S	1.5	7.0	15.0	35.87	0.89	481.3		
				Double, Clear	E	1.5	7.0	60.0	42.06	0.94	2368.2		
				Double, Clear	S	99.0	9.0	10.0	35.87	0.43	154.9		
				Double, Clear	E	14.2	9.0	30.0	42.06	0.42	535.0		
				Double, Clear	E	1.5	7.0	30.0	42.06	0.94	1184.1		
				Double, Clear	W	1.5	7.0	15.0	38.52	0.94	542.6		
				Double, Clear	W	9.5	7.0	30.0	38.52	0.47	537.9		
				Double, Clear	W	9.5	6.0	16.0	38.52	0.44	270.6		
				Double, Clear	W	1.5	5.0	9.0	38.52	0.88	303.6		
				Double, Clear	E	1.5	6.0	8.0	42.06	0.91	307.1		
				As-Built Total:							253.0	7869.3	
				WALL TYPES			Area X BSPM = Points		Type	R-Value	Area X SPM = Points		
Adjacent	421.0	0.70	294.7	Frame, Wood, Exterior	13.0	1622.0	1.50	2433.0					
Exterior	1622.0	1.70	2757.4	Frame, Wood, Adjacent	13.0	421.0	0.60	252.6					
Base Total:			2043.0	3052.1	As-Built Total:			2043.0	2685.6				
DOOR TYPES			Area X BSPM = Points		Type	Area X SPM = Points							
Adjacent	20.0	2.40	48.0	Exterior Insulated		40.0	4.10	164.0					
Exterior	60.0	6.10	366.0	Exterior Insulated		20.0	4.10	82.0					
				Adjacent Insulated		20.0	1.60	32.0					
Base Total:			80.0	414.0	As-Built Total:			80.0	278.0				
CEILING TYPES			Area X BSPM = Points		Type	R-Value	Area X SPM X SCM = Points						
Under Attic	2074.0	1.73	3588.0	Under Attic	30.0	2074.0	1.73 X 1.00	3588.0					
Base Total:			2074.0	3588.0	As-Built Total:			2074.0	3588.0				
FLOOR TYPES			Area X BSPM = Points		Type	R-Value	Area X SPM = Points						
Slab	256.0(p)	-37.0	-9472.0	Slab-On-Grade Edge Insulation	0.0	256.0(p)	-41.20	-10547.2					
Raised	0.0	0.00	0.0										
Base Total:			-9472.0	As-Built Total:			256.0	-10547.2					

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 229 Oat PL, Lake City, FL,

PERMIT #:

BASE				AS-BUILT				
INFILTRATION Area X BSPM = Points				Area X SPM = Points				
2074.0 10.21 21175.5				2074.0 10.21 21175.5				
Summer Base Points: 26239.0				Summer As-Built Points: 25049.2				
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)				
26239.0 0.4266 11193.6				25049.2 1.000 (1.090 x 1.147 x 0.91) 0.341 1.000 9726.6 25049.2 1.00 1.138 0.341 1.000 9726.6				

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 229 Oat PL, Lake City, 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	2074.0	12.74	4756.1	Double, Clear	E	1.5	7.0	30.0	18.79	1.03	578.8		
				Double, Clear	S	1.5	7.0	15.0	13.30	1.07	214.2		
				Double, Clear	E	1.5	7.0	60.0	18.79	1.03	1157.5		
				Double, Clear	S	99.0	9.0	10.0	13.30	3.66	486.7		
				Double, Clear	E	14.2	9.0	30.0	18.79	1.40	790.7		
				Double, Clear	E	1.5	7.0	30.0	18.79	1.03	578.8		
				Double, Clear	W	1.5	7.0	15.0	20.73	1.02	316.0		
				Double, Clear	W	9.5	7.0	30.0	20.73	1.20	744.0		
				Double, Clear	W	9.5	6.0	16.0	20.73	1.21	400.9		
				Double, Clear	W	1.5	5.0	9.0	20.73	1.03	193.0		
				Double, Clear	E	1.5	6.0	8.0	18.79	1.04	155.7		
				As-Built Total:							253.0	5616.2	
				WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points		
Adjacent	421.0	3.60	1515.6	Frame, Wood, Exterior	13.0		1622.0	3.40	5514.8				
Exterior	1622.0	3.70	6001.4	Frame, Wood, Adjacent	13.0		421.0	3.30	1389.3				
Base Total:				2043.0		7517.0		As-Built Total:				2043.0	6904.1
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points						
Adjacent	20.0	11.50	230.0	Exterior Insulated			40.0	8.40	336.0				
Exterior	60.0	12.30	738.0	Exterior Insulated			20.0	8.40	168.0				
				Adjacent Insulated			20.0	8.00	160.0				
Base Total:				80.0		968.0		As-Built Total:				80.0	664.0
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points						
Under Attic	2074.0	2.05	4251.7	Under Attic	30.0		2074.0	2.05 X 1.00	4251.7				
Base Total:				2074.0		4251.7		As-Built Total:				2074.0	4251.7
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points						
Slab	256.0(p)	8.9	2278.4	Slab-On-Grade Edge Insulation	0.0		256.0(p)	18.80	4812.8				
Raised	0.0	0.00	0.0										
Base Total:				2278.4		256.0		4812.8					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 229 Oat PL, Lake City, FL,

PERMIT #:

BASE				AS-BUILT				
INFILTRATION Area X BWPM = Points				Area X WPM = Points				
2074.0 -0.59 -1223.7				2074.0 -0.59 -1223.7				
Winter Base Points: 18547.5				Winter As-Built Points: 21025.2				
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)				
18547.5 0.6274 11636.7				21025.2 1.000 (1.069 x 1.169 x 0.93) 0.474 1.000 11572.7 21025.2 1.00 1.162 0.474 1.000 11572.7				

Code Compliance Checklist
Residential Whole Building Performance Method A - Details

ADDRESS: 229 Oat PL, Lake City, 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* = 83.6

The higher the score, the more efficient the home.

Otis, 229 Oat PL, Lake City, FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 44.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	2074 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft ² 253.0 ft ²	a. Electric Heat Pump	Cap: 44.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft ² 0.0 ft ²		HSPF: 7.20
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, 256.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 30.0 gallons
c. N/A			EF: 0.89
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1622.0 ft ²	c. Conservation credits	
b. Frame, Wood, Adjacent	R=13.0, 421.0 ft ²	(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 2074.0 ft ²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 140.0 ft		
b. N/A			

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

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE 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[®] Version: FLR2PB v3.4)

Residential System Sizing Calculation

Summary

Otis
229 Oat PL
Lake City, FL

Project Title:
504042OtisRes.

Class 3 Rating
Registration No. 0
Climate: North

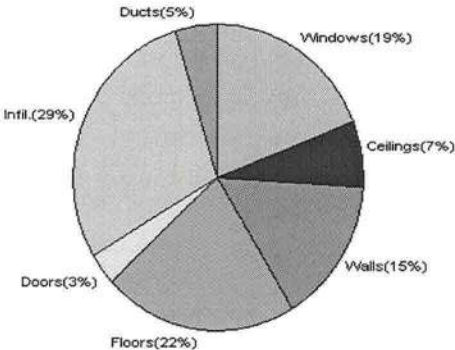
5/3/2005

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation		Total cooling load calculation	25506 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	117.6 44000	Sensible (SHR = 0.75)	162.2 33000
Heat Pump + Auxiliary(0.0kW)	117.6 44000	Latent	213.0 11000
		Total (Electric Heat Pump)	172.5 44000

WINTER CALCULATIONS

Winter Heating Load (for 2074 sqft)

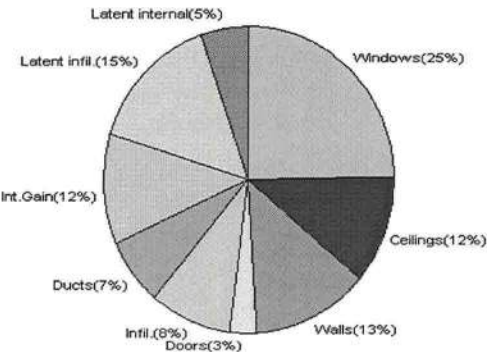
Load component		Load	
Window total	253 sqft	7160	Btuh
Wall total	2043 sqft	5702	Btuh
Door total	80 sqft	1288	Btuh
Ceiling total	2074 sqft	2696	Btuh
Floor total	256 ft	8090	Btuh
Infiltration	249 cfm	10698	Btuh
Subtotal		35634	Btuh
Duct loss		1782	Btuh
TOTAL HEAT LOSS		37415	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2074 sqft)

Load component		Load	
Window total	253 sqft	6316	Btuh
Wall total	2043 sqft	3260	Btuh
Door total	80 sqft	811	Btuh
Ceiling total	2074 sqft	2945	Btuh
Floor total		0	Btuh
Infiltration	109 cfm	2160	Btuh
Internal gain		3000	Btuh
Subtotal(sensible)		18493	Btuh
Duct gain		1849	Btuh
Total sensible gain		20342	Btuh
Latent gain(infiltration)		3784	Btuh
Latent gain(internal)		1380	Btuh
Total latent gain		5164	Btuh
TOTAL HEAT GAIN		25506	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: Ben Sparks

DATE: 5/3/05

System Sizing Calculations - Winter

Residential Load - Component Details

Otis
229 Oat PL
Lake City, FL

Project Title:
504042OtisRes.

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

5/3/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
2	2, Clear, Metal, DEF	E	15.0	28.3	424 Btuh
3	2, Clear, Metal, DEF	N	60.0	28.3	1698 Btuh
4	2, Clear, Metal, DEF	E	10.0	28.3	283 Btuh
5	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
6	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
7	2, Clear, Metal, DEF	S	15.0	28.3	424 Btuh
8	2, Clear, Metal, DEF	S	30.0	28.3	849 Btuh
9	2, Clear, Metal, DEF	S	16.0	28.3	453 Btuh
10	2, Clear, Metal, DEF	S	9.0	28.3	255 Btuh
11	2, Clear, Metal, DEF	N	8.0	28.3	226 Btuh
Window Total			253		7160 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1622	3.1	5028 Btuh
2	Frame - Adjacent	13.0	421	1.6	674 Btuh
Wall Total			2043		5702 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		40	18.3	733 Btuh
2	Insulated - Exter		20	18.3	367 Btuh
3	Insulated - Adjac		20	9.4	188 Btuh
Door Total			80		1288Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2074	1.3	2696 Btuh
Ceiling Total			2074		2696Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	256.0 ft(p)	31.6	8090 Btuh
Floor Total			256		8090 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.80	18666(sqft)	249	10698 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				249	10698 Btuh

Totals for Heating	Subtotal	35634 Btuh
	Duct Loss(using duct multiplier of 0.05)	1782 Btuh
	Total Btuh Loss	37415 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Otis
229 Oat PL
Lake City, FL

Project Title:
504042OtisRes.

Class 3 Rating
Registration No. 0
Climate: North

5/3/2005

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

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

System Sizing Calculations - Summer

Residential Load - Component Details

Otis
229 Oat PL
Lake City, FL

Project Title:
504042OtisRes.

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F 5/3/2005

Window	Type		Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh Ornt		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	N	1.5	7	30.0	0.0	30.0	22	22	660	Btuh
2	2, Clear, DEF, N, N	E	1.5	7	15.0	0.0	15.0	22	72	1080	Btuh
3	2, Clear, DEF, N, N	N	1.5	7	60.0	0.0	60.0	22	22	1320	Btuh
4	2, Clear, DEF, N, N	E	99	9	10.0	10.0	0.0	22	72	220	Btuh
5	2, Clear, DEF, N, N	N	14.1	9	30.0	0.0	30.0	22	22	660	Btuh
6	2, Clear, DEF, N, N	N	1.5	7	30.0	0.0	30.0	22	22	660	Btuh
7	2, Clear, DEF, N, N	S	1.5	7	15.0	15.0	0.0	22	37	330	Btuh
8	2, Clear, DEF, N, N	S	9.5	7	30.0	30.0	0.0	22	37	660	Btuh
9	2, Clear, DEF, N, N	S	9.5	6	16.0	16.0	0.0	22	37	352	Btuh
10	2, Clear, DEF, N, N	S	1.5	5	9.0	9.0	0.0	22	37	198	Btuh
11	2, Clear, DEF, N, N	N	1.5	6	8.0	0.0	8.0	22	22	176	Btuh
Window Total					253					6316 Btuh	
Walls	Type		R-Value		Area			HTM		Load	
1	Frame - Exterior		13.0		1622.0			1.7		2822 Btuh	
2	Frame - Adjacent		13.0		421.0			1.0		438 Btuh	
Wall Total					2043.0					3260 Btuh	
Doors	Type				Area			HTM		Load	
1	Insulated - Exter				40.0			10.1		406 Btuh	
2	Insulated - Exter				20.0			10.1		203 Btuh	
3	Insulated - Adjac				20.0			10.1		203 Btuh	
Door Total					80.0					811 Btuh	
Ceilings	Type/Color		R-Value		Area			HTM		Load	
1	Under Attic/Dark		30.0		2074.0			1.4		2945 Btuh	
Ceiling Total					2074.0					2945 Btuh	
Floors	Type		R-Value		Size			HTM		Load	
1	Slab-On-Grade Edge Insulation		0.0		256.0 ft(p)			0.0		0 Btuh	
Floor Total					256.0					0 Btuh	
Infiltration	Type		ACH		Volume			CFM=		Load	
	Natural		0.35		18666			109.1		2160 Btuh	
	Mechanical							0		0 Btuh	
	Infiltration Total							109		2160 Btuh	
Internal gain			Occupants		Btuh/occupant			Appliance		Load	
			6		X 300 +			1200		3000 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Otis
229 Oat PL
Lake City, FL

Project Title:
504042OtisRes.

Class 3 Rating
Registration No. 0
Climate: North

5/3/2005

Totals for Cooling	Subtotal	18493 Btuh
	Duct gain(using duct multiplier of 0.10)	1849 Btuh
	Total sensible gain	20342 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	3784 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	25506 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

Notice of Treatment

11525

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

Address: Barrake

City: L.C. Phone: 7521703

Site Location: Subdivision N/A

Lot # Block# Permit # 23280

Address 229 SE OAT PLAC

Product used Active Ingredient % Concentration

☐ Dursban TC Chlorpyrifos 0.5%

☐ Terminor Fipronil 0.06%

☒ Bora Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment: ☐ Soil ☒ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
<u>Shedding</u>	<u>3034</u>	<u>780</u>	<u>3</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 8/23/05 Time 0915 Print Technician's Name ESSE CANARY

Remarks: _____

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

#23280

5/31/05

9 SE OAT PL.

Address of Treatment or Lot/Block of Treatment)

LAKE CITY, FL 32025

City

Florida Pest Control & Chemical Co.

www.flapest.com

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

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

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

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

6/04

©

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

5/31/05

9 SE OAT PL.

Address of Treatment or Lot/Block of Treatment)

32025

LAKE CITY, FL

City

Florida Pest Control & Chemical Co.

www.flapest.com

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

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

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

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

6/04

©

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

8/23/05

#23280

SE out PL

Cake City

Address of Treatment or Lot/Block of Treatment)

City

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)
Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label instructions as stated in the Florida Building Code Section 1816.1

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