

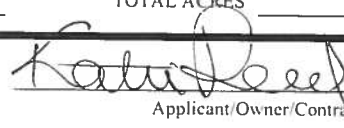
DATE 01/26/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue



000021445

APPLICANT	KATIE REED		PHONE	752-4072	
ADDRESS	3492	E. BAYA AVE	LAKE CITY	FL	32025
OWNER	ROBERT & OLGA CAMACHO		PHONE		
ADDRESS	571	NW ZACK DRIVE	LAKE CITY	FL	32055
CONTRACTOR	DON REED		PHONE	752-4072	
LOCATION OF PROPERTY	90W, TR ON BROWN ROAD, TL ON 3RD ENTRANCE, R ON ZACK, 6TH LOT ON RIGHT PAST GAELIC COURT				
TYPE DEVELOPMENT	SFD, UTILITY		ESTIMATED COST OF CONSTRUCTION	104650.00	
HEATED FLOOR AREA	2093.00	TOTAL AREA	2760.00	HEIGHT	00 STORIES 1
FOUNDATION	CONC	WALLS	FRAMED	ROOF PITCH	6/12 FLOOR SLAB
LAND USE & ZONING	RSF-2		MAX. HEIGHT	20	
Minimum Set Back Requirements:	STREET-FRONT		25.00	REAR	15.00 SIDE 10.00
NO. EX. D. U.	0	FLOOD ZONE	X PP	DEVELOPMENT PERMIT NO.	
PARCEL ID	28-3S-16-02372-501		SUBDIVISION	ARBOR GREEN & EMERALD LAKES	
LOT	1	BLOCK	PHASE	UNIT	TOTAL ACRES
000000182			CGC036224		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor	
PERMIT	03-1140-N	BK		JK	
Driveway Connection	Septic Tank Number	LU & Zoning checked by		Approved for Issuance New Resident	
COMMENTS:	PLAT STATES THAT 1ST FLOOR TO BE 1 FOOT ABOVE CENTER LINE OF ADJACENT BOUNDARY				
NOC ON FILE					Check # or Cash 1127

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$	525.00	CERTIFICATION FEE \$	13.80	SURCHARGE FEE \$	13.80
MISC. FEES \$.00	ZONING CERT. FEE \$	50.00	FIRE FEE \$	WASTE FEE \$
FLOOD ZONE DEVELOPMENT FEE \$		CULVERT FEE \$	25.00	TOTAL FEE	627.60
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.

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address 536 SE Baya

City Lake City **Phone** 7321203

Site Location **Subdivision** Emerald Lakes Arbor

Lot# 1 **Block#** **Permit#** 21445

Address 571 NW ZACK DR

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's
				Name
Main Body	2-9-04	1:15	500	STEVEN
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied DURSBAN TC .5 %

Remarks EXTERIOR INCOMPLETE

Applicator - White • **Permit File - Canary** • **Permit Holder - Pink**



CORPORATE HEADQUARTERS:

P.O. BOX 5369
118 N.W. 16TH AVENUE
GAINESVILLE, FL 32602-5369

(352) 376-2661
FAX (352) 376-2791

SCIENTIFIC PEST CONTROL DIRECTED BY GRADUATE ENTOMOLOGISTS

Complete Pest Control Service
Member Florida & National Pest Control Associations

10698
ROBERT CAMACHO

Reply to: 536 SE Baya Dr
Lake City, FL 32025
Phone (386) 752-1703 Fax (386) 752-0171

SOIL TREATMENT CERTIFICATION

Owner:	Permit Number:
ROBERT COMACHO	21445
Lot:	Block:
1	
Subdivision:	Street Address:
EMERALD LAKES	571 NW ZACK DRIVE
City:	County:
Lake City	Columbia
General Contractor:	Date:
DON REED CONSTRUCTION	05/24/04
Product Used:	Time:
DURSBAN TC	1:00 PM
Area treated:	Name of applicator:
EXTERIOR OF FOUNDATION	GARY BASS
Chemical used:	Applicator ID Number:
DURSBAN TC	JE113623
Number of gallons used:	% Concentration:
100	.05
Method of termite prevention treatment: Soil Treatment	

The building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services.

This form is proof of complete treatment for Certificate of Occupancy or Closing.

THIS IS PROOF OF WARRANTY

Warranty and Treatment Certifications Have Been Issued.

Authorized Signature:	Date:
<i>Hathi Schmidt</i>	5-24-04

BRANCHES:

• Crystal River • Daytona Beach • Ft. Walton Beach • Jacksonville South • Jacksonville West • Lake City • Milton • Ocala • Orlando • Palatka • Panama City • Pensacola • Starke • St. Augustine • Tallahassee • Winter Haven • Leesburg • Kissimmee •

Building Permit Application

182/21445 1-8-04
Application No. 040125

Date 1.7.04

Applicants Name & Address Don Reed Construction Phone 752-4072
3492 E Baya Avenue Lake City, FL 32025

Owners Name & Address Robert & Olga Camacho Phone _____
9305 Sonoma Drive, Orlando, FL 32825

Fee Simple Owners Name & Address _____ Phone _____

Contractors Name & Address Don Reed Construction Phone 752-4072
3492 E Baya Avenue Lake City, FL 32025

Legal Description of Property see attached

Location of Property Lot 1, Arbor Greene @ Emerald Lakes

Tax Parcel Identification No. R02372-501 28-35-16 Estimated Cost of Construction \$ 125,000

Type of Development _____ Number of Existing Dwellings on Property 1

Comprehensive Plan Map Category RESIDENTIAL LOW DENSITY Zoning Map Category RSF-2

Building Height 20' Number of Stories 1 Floor Area 27100 Total Acreage in Development _____

Distance From Property Lines (Set Backs) Front 40' Side 12' Rear 101' Street 70'

Flood Zone X per plot Certification Date _____ Development Permit N/A

Bonding Company Name & Address _____

Architect/Engineer Name & Address Mark Disosway P.E. PO Box 816 Lake City FL 32024

Mortgage Lenders Name & Address First Federal Savings Bank of Florida
4705 W U.S. Highway 90 Lake City, FL 32056

Application is hereby made to obtain a permit to do the 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 will 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 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.

Owner or Agent (including contractor) _____ Contractor Don Reed

Contractor License Number CGC036224

STATE OF FLORIDA COUNTY OF COLUMBIA Sworn to (or affirmed) and subscribed before me

this _____ day of _____ by _____ In this Geiger day of January by Ingrid Geiger

Commission # CC 987169 Expires Jan. 26, 2005 Bonded Thru Atlantic Bonding Co., Inc.

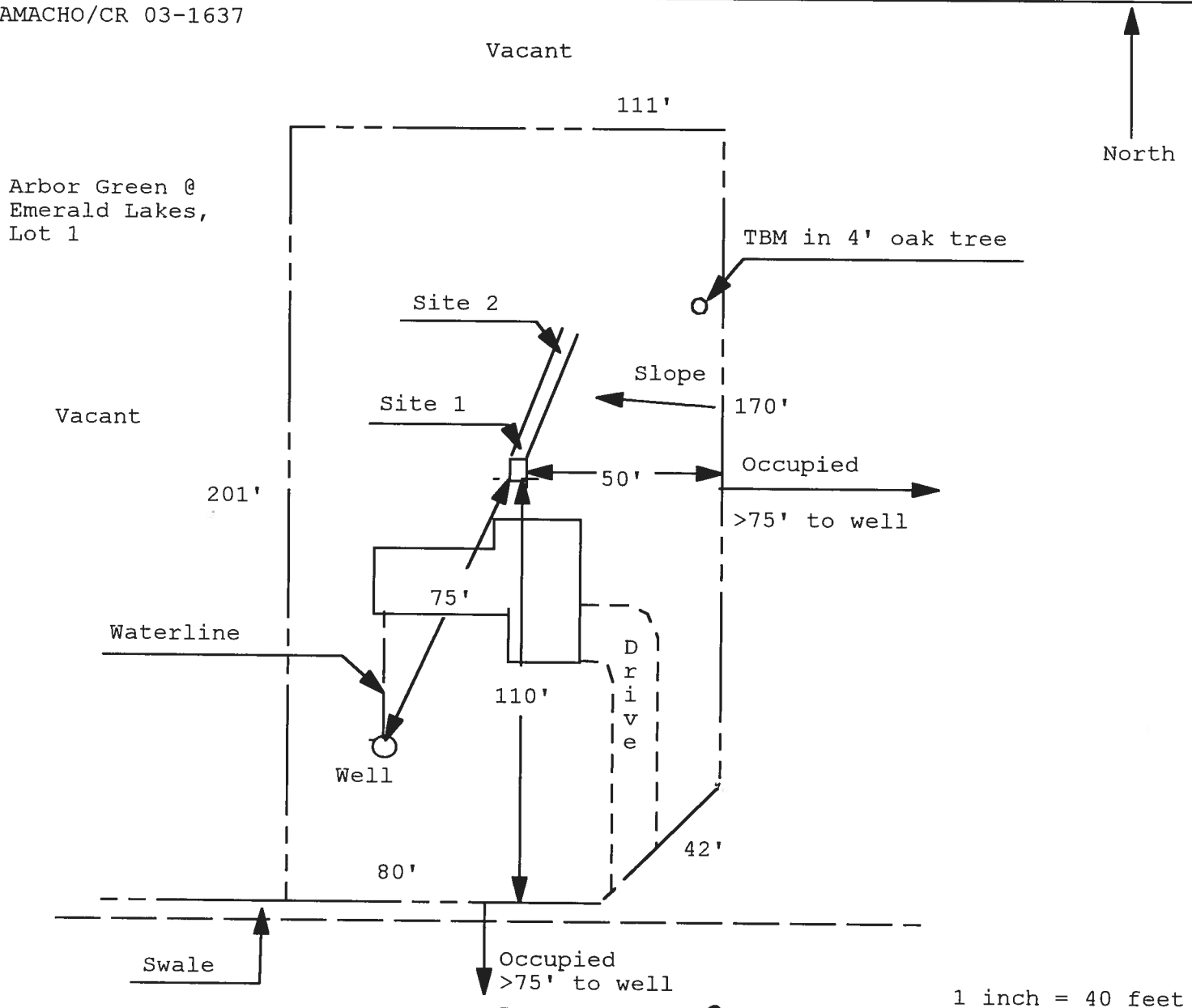
Personally Known _____ OR Produced Identification

Personally Known ✓ OR Produced Identification

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 03-1140N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CAMACHO/CR 03-1637



Site Plan Submitted By Paul Lloyd

Plan Approved Paul Lloyd Not Approved _____

Date 12/23/03

Date 12/23/03

By Paul Lloyd

M.D.N.

< CPHU

12-24-03

Notes: _____

THIS INSTRUMENT WAS PREPARED BY:

Rec. 10.50

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

Doc. 136.50

RETURN TO:

Inst:2003026940 Date:12/16/2003 Time:10:55

Doc Stamp-Deed : 143.50

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

MLK DC, P. Dewitt Cason, Columbia County B:1002 P:835

Property Appraiser's
Parcel Identification No.: R02372-501

WARRANTY DEED

THIS INDENTURE, made this 12th day of December, 2003, between D D P CORPORATION, a corporation existing under the laws of the State of Florida, whose post office address is 4158 U.S. Highway 90 West, Lake City, FL 32055 and having its principal place of business in the County of Columbia, State of Florida, party of the first part, and ROBERT CAMACHO and OLGA I. CAMACHO, Husband and Wife whose post office address is 135 NW Heritage Drive, Lake City, FL 32055, of the County of Columbia, State of Florida, parties of the second part,

WITNESSETH: that the said party of the first part, for and in consideration of the sum of Ten Dollars (\$10.00), to it in hand paid, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, remised, released, conveyed and confirmed, and by these presents doth grant, bargain, sell, alien, remise, release, convey and confirm unto the said party of the second part, and its heirs and assigns forever, all that certain parcel of land lying and being in the County of Columbia and State of Florida, more particularly described as follows:

Lot 1, ARBOR GREENE AT EMERALD LAKES, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 82 and 83 of the public records of Columbia County, Florida.

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

TOGETHER with all the tenements, hereditaments and appurtenances, with every privilege, right, title, interest and estate, reversion, remainder and easement thereto belong or in anywise appertaining:

TO HAVE AND TO HOLD the same in fee simple forever.

And the said party of the first part doth covenant with said party of the second part that it is lawfully seized of said premises; that they are free of all encumbrances, and that it has good right and lawful authority to sell the same; and the said party of the first part does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the party of the first part has caused these presents to be signed in its name by its President, the day and year above written.

Signed, sealed and delivered
in our presence:

D D P CORPORATION, A Florida
Corporation

Lisa C. Ogburn
Lisa C. Ogburn
DeEtte F. Brown
DeEtte F. Brown

By: O.P. Daughtry, III
O.P. DAUGHTRY, III, President

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 12th day of December, 2003, by O.P. DAUGHTRY, III, as President of D D P CORPORATION, a State of Florida corporation, on behalf of the corporation. He is personally known to me and did not take an oath.

Lisa C. Ogburn
Notary Public
My Commission Expires: _____

Inst:2003026940 Date:12/16/2003 Time:10:55
Doc Stamp-Deed : 143.50

DC, P. DeWitt Cason, Columbia County B:1002 P:836



DEC-17-2003 10:12
THIS INSTRUMENT WAS FILED BY:
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

Inst:2003026942 Date:12/16/2003 Time:10:55
DC, P. DeWitt Cason, Columbia County B:1002 P:850

PERMIT NO. _____

TAX FOLIO NO. _____

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF Columbia

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

1. Description of property: Lot 1, ARBOR GREENE AT EMERALD LAKES, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 82 and 83 of the public records of Columbia County, Florida.
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: ROBERT CAMACHO and OLGA I. CAMACHO
9305 Sonoma Drive, Orlando, FL 32825
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): NONE
4. Contractor (name and address): DON REED CONSTRUCTION
3492 E Baya Ave., Lake City, FL 32025
5. Surety:
 - a. Name and address: _____
 - b. Amount of bond: _____
6. Lender: **FIRST FEDERAL SAVINGS BANK OF FLORIDA**
4705 WEST U.S. HIGHWAY 90
P. O. BOX 2029
LAKE CITY, FLORIDA 32056
7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE
8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

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

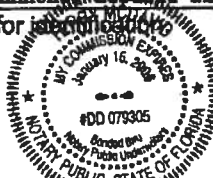
By [Signature]
Date 12-16-03



[Signature]
Borrower Name

[Signature]
Co-Borrower Name

The foregoing instrument was acknowledged before me this 12th day of December, 2003, by ROBERT & OLGA I. CAMACHO and Wife, who is personally known to me or who has produced driver's license for identification



[Signature]
Notary Public
My Commission Expires:



DON REED CONSTRUCTION

Builder of Fine Homes & Offices

3492 East Baya Ave.
Lake City, Florida 32025
(386) 752-4072
Fax- (386) 755-7272

CAMACHO RESIDENCE

911 ADDRESS: 571 NW ZACK DRIVE LAKE CITY, FL 32055



DON REED CONSTRUCTION

Builder of Fine Homes & Offices

3492 East Baya Ave.
Lake City, Florida 32025
(386) 752-4072
Fax- (386) 755-7272

CAMACHO RESIDENCE

**DRIVING DIRECTIONS: US90W TO BROWN RD; TR ON BROWN; TL AT
THIRD EMERALD LAKES ENTRANCE; TR ON ZACK; 6TH LOT ON RIGHT
PAST GAELIC COURT**

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **Comacho Residence**
Address: **Zack DR.**
City, State: **Lake City, FL 32055-**
Owner: **Robert Comacho**
Climate Zone: **North**

Builder: **Don Reed**
Permitting Office:
Permit Number: **21445**
Jurisdiction Number: **221000**

- | | | | | | |
|--|--------------------------------|-----|--|-------------------|-----|
| 1. New construction or existing | New | ___ | 12. Cooling systems | | |
| 2. Single family or multi-family | Single family | ___ | a. Central Unit | Cap: 36.0 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? | No | ___ | c. N/A | | ___ |
| 6. Conditioned floor area (ft ²) | 2093 ft ² | ___ | | | ___ |
| 7. Glass area & type | | ___ | 13. Heating systems | | |
| a. Clear - single pane | 0.0 ft ² | ___ | a. Electric Heat Pump | Cap: 36.0 kBtu/hr | ___ |
| b. Clear - double pane | 280.3 ft ² | ___ | | HSPF: 6.80 | ___ |
| c. Tint/other SHGC - single pane | 0.0 ft ² | ___ | b. N/A | | ___ |
| d. Tint/other SHGC - double pane | 0.0 ft ² | ___ | c. N/A | | ___ |
| 8. Floor types | | ___ | 14. Hot water systems | | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 230.0(p) ft | ___ | a. Electric Resistance | Cap: 40.0 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, 232.0 ft ² | ___ | (HR-Heat recovery, Solar | | ___ |
| b. Frame, Wood, Exterior | R=13.0, 1780.0 ft ² | ___ | DHP-Dedicated heat pump) | | ___ |
| c. N/A | | ___ | 15. HVAC credits | | ___ |
| d. N/A | | ___ | (CF-Ceiling fan, CV-Cross ventilation, | | ___ |
| e. N/A | | ___ | HF-Whole house fan, | | ___ |
| 10. Ceiling types | | ___ | PT-Programmable Thermostat, | | ___ |
| a. Under Attic | R=30.0, 2093.0 ft ² | ___ | MZ-C-Multizone cooling, | | ___ |
| b. N/A | | ___ | MZ-H-Multizone heating) | | ___ |
| c. N/A | | ___ | | | ___ |
| 11. Ducts | | ___ | | | ___ |
| a. Sup: Unc. Ret: Unc. AH: Garage | Sup. R=6.0, 145.0 ft | ___ | | | ___ |
| b. N/A | | ___ | | | ___ |

Glass/Floor Area: 0.13

Total as-built points: 30308

Total base points: 31616

PASS

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

PREPARED BY: Don Reed

DATE: 12-12-03

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: Zack DR., Lake City, FL, 32055-

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	2093.0	20.04	7549.9	Double, Clear	S	1.5	8.0	72.0	34.50	0.92	2293.3		
				Double, Clear	S	1.5	6.0	30.0	34.50	0.86	886.1		
				Double, Clear	W	1.5	6.0	30.0	36.99	0.91	1013.5		
				Double, Clear	N	1.5	8.0	42.0	19.22	0.97	780.8		
				Double, Clear	E	1.5	2.0	4.0	40.22	0.59	95.4		
				Double, Clear	N	5.5	2.0	3.0	19.22	0.59	34.2		
				Double, Clear	N	5.0	10.0	13.3	19.22	0.83	213.0		
				Double, Clear	S	12.0	7.0	36.0	34.50	0.46	570.3		
				Double, Clear	S	10.0	6.0	30.0	34.50	0.46	478.4		
				Double, Clear	SE	2.0	6.0	10.0	40.86	0.80	327.9		
				Double, Clear	SW	12.0	6.0	10.0	38.46	0.39	151.7		
				As-Built Total:				280.3				6844.5	
				WALL TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	=
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		232.0	1.50	348.0				
Exterior	2012.0	1.70	3420.4	Frame, Wood, Exterior	13.0		1780.0	1.50	2670.0				
Base Total:		2012.0	3420.4	As-Built Total:		2012.0		3018.0					
DOOR TYPES Area X BSPM = Points				Type			Area X	SPM	=	Points			
Adjacent	20.0	2.40	48.0	Exterior Wood			40.0	6.10	244.0				
Exterior	60.0	6.10	366.0	Exterior Wood			20.0	6.10	122.0				
				Adjacent Wood			20.0	2.40	48.0				
Base Total:		80.0	414.0	As-Built Total:		80.0		414.0					
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM X	SCM =	Points			
Under Attic	2093.0	1.73	3620.9	Under Attic	30.0		2093.0	1.73 X	1.00	3620.9			
Base Total:		2093.0	3620.9	As-Built Total:		2093.0		3620.9					
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	=	Points			
Slab	230.0(p)	-37.0	-8510.0	Slab-On-Grade Edge Insulation	0.0		230.0(p)	-41.20	-9476.0				
Raised	0.0	0.00	0.0										
Base Total:		-8510.0	As-Built Total:		230.0		-9476.0						

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Zack DR., Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BSPM = Points				Area X SPM = Points					
2093.0 10.21 21369.5				2093.0 10.21 21369.5					
Summer Base Points: 27864.7				Summer As-Built Points: 25791.0					
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points <div>(DM x DSM x AHU)</div>					
27864.7 0.4266 11887.1				25791.0 1.000 (1.090 x 1.147 x 1.00) 0.341 1.000 11005.1 25791.0 1.00 1.250 0.341 1.000 11005.1					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Zack DR., Lake City, FL, 32055-

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	2093.0	12.74	4799.7	Double, Clear	S	1.5	8.0	72.0	4.03	1.04	302.1
				Double, Clear	S	1.5	6.0	30.0	4.03	1.12	135.1
				Double, Clear	W	1.5	6.0	30.0	10.77	1.02	330.5
				Double, Clear	N	1.5	8.0	42.0	14.30	1.00	601.3
				Double, Clear	E	1.5	2.0	4.0	9.09	1.21	44.0
				Double, Clear	N	5.5	2.0	3.0	14.30	1.03	44.1
				Double, Clear	N	5.0	10.0	13.3	14.30	1.01	192.5
				Double, Clear	S	12.0	7.0	36.0	4.03	3.44	498.8
				Double, Clear	S	10.0	6.0	30.0	4.03	3.40	411.3
				Double, Clear	SE	2.0	6.0	10.0	5.33	1.18	62.7
				Double, Clear	SW	12.0	6.0	10.0	7.17	1.93	138.1
				As-Built Total:				280.3	2760.5		
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		232.0	3.40		788.8	
Exterior	2012.0	3.70	7444.4	Frame, Wood, Exterior	13.0		1780.0	3.40		6052.0	
Base Total: 2012.0 7444.4				As-Built Total:		2012.0		6840.8			
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	20.0	11.50	230.0	Exterior Wood			40.0	12.30		492.0	
Exterior	60.0	12.30	738.0	Exterior Wood			20.0	12.30		246.0	
				Adjacent Wood			20.0	11.50		230.0	
Base Total: 80.0 968.0				As-Built Total:		80.0		968.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2093.0	2.05	4290.6	Under Attic	30.0		2093.0	2.05 X 1.00		4290.6	
Base Total: 2093.0 4290.6				As-Built Total:		2093.0		4290.6			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	230.0(p)	8.9	2047.0	Slab-On-Grade Edge Insulation	0.0		230.0(p)	18.80		4324.0	
Raised	0.0	0.00	0.0								
Base Total: 2047.0				As-Built Total:		230.0		4324.0			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Zack DR., Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
2093.0 -0.59 -1234.9				2093.0 -0.59 -1234.9					
Winter Base Points:		18314.8		Winter As-Built Points:			17949.1		
Total Winter Points	X System Multiplier	= Heating Points		Total Component	X Cap Ratio	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Heating Points
						(DM x DSM x AHU)			
18314.8	0.6274	11490.7		17949.1	1.000	(1.069 x 1.169 x 1.00)	0.501	1.000	11248.1
				17949.1	1.00	1.250	0.501	1.000	11248.1

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Zack DR., Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume	Bedrooms		Ratio	Multiplier
Bedrooms									
3		2746.00		8238.0	40.0	0.90	3	1.00	2684.98
									1.00
									8054.9
				As-Built Total:					8054.9

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating
Points		Points		Points		Points	Points		Points
11887		11491		8238		31616	11005		11248
									8055
									30308

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Zack DR., Lake City, FL, 32055-

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* = 82.9

The higher the score, the more efficient the home.

Robert Comacho, Zack DR., Lake City, FL, 32055-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 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?	No	c. N/A	
6. Conditioned floor area (ft ²)	2093 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
b. Clear - double pane	280.3 ft ²		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 230.0(p) ft	a. Electric Resistance	Cap: 40.0 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, 232.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Exterior	R=13.0, 1780.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2093.0 ft ²	RB-Attic radiant barrier,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 145.0 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 at 850/487-1824.*

EnergyGauge® (Version: FLRCPB v3.2)

Columbia County Building Department Culvert Permit

Culvert Permit No.
000000182

DATE 01/26/2004 PARCEL ID # 28-3S-16-02372-501

APPLICANT KATIE REED PHONE 752-4072

ADDRESS 3492 E. BAYA AVE. LAKE CITY FL 32025

OWNER ROBERT & OLGA CAMACHO PHONE _____

ADDRESS 571 NW ZACK DRIVE LAKE CITY FL 32055

CONTRACTOR DON REED CONSTRUCTION PHONE 752-4072

LOCATION OF PROPERTY 90W, TR ON BROWN, TL AT 3RD EMERAD LAKES ETRANCE, TRON ZACK

6TH LOT ON RIGHT PAST GAELIC COURT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ARBOR GR. @ EM. LAKE 1

SIGNATURE Katie Reed

INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

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

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



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

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

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



EMERALD VALLEY OF COLUMBIA COUNTY

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 28-3S-16-02372-501

Building permit No. 000021445

Use Classification SFD, UTILITY

Fire: 28.35

Permit Holder DON REED

Waste: 61.25

Owner of Building ROBERT & OLGA CAMACHO

Total: 89.60

Location: ARBOR GREENE AT EMERALD LAKES, LOT 1

Date: 05/25/2004



Harry Tucker

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)