

DATE 07/26/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022132

APPLICANT KATIE REED PHONE 752-4072

ADDRESS 2230 SE BAYA DRIVE LAKE CITY FL 32025

OWNER JACK & VIRGINIA WOODARD PHONE _____

ADDRESS 907 NW ZACK DRIVE LAKE CITY FL 32055

CONTRACTOR DON REED CONSTRUCTION PHONE _____

LOCATION OF PROPERTY 90W, TR ON BROWN RD., TL ON WINDING PLACE, TL ON EMERALD LAKES DRIVE, TL ON ZACK DRIVE, LOT 18 ON RIGHT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 111500.00

HEATED FLOOR AREA 2230.00 TOTAL AREA 2903.00 HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 25

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

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

PARCEL ID 28-3S-16-02372-618 SUBDIVISION ARBOR GREEN @ EMERALD LAKES

LOT 18 BLOCK _____ PHASE 2 UNIT _____ TOTAL ACRES .50

000000368 N CGC036224 Katie Reed

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

PERMIT 04-0738-N BK RJ Y

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

COMMENTS: 1ST FLOOR ELEVATION TO BE ONE FOOT ABOVE CENTERLINE OF ADJACENT ROAD PER PLAT, NOC ON FILE

Check # or Cash 2594

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 \$ 560.00 CERTIFICATION FEE \$ 14.52 SURCHARGE FEE \$ 14.52

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

FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 **TOTAL FEE** 664.04

INSPECTORS OFFICE [Signature] CLERKS OFFICE CH

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.

Columbia County Building Permit Application

For Office Use Only Application # 0407-49 Date Received 7/16/04 By JW Permit # 368/221
Application Approved by - Zoning Official BLK Date 22.07.04 Plans Examiner Date
Flood Zone Xprph Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES- Low D
Comments 1st Floor Elevation to be 1 foot above Centerline of Adjacent Rd. per plat

Applicants Name Katie Reed Phone 752-4072
Address 2230 SE Baya Drive Suite 101 Lake City, FL 32025
Owners Name Jack and Virginia Woodard Phone 752-4072
911 Address 907 NW Zack Drive Lake City, FL 32055
Contractors Name Don Reed Construction, Inc. Phone 752-4072
Address 2230 SE Baya Drive Suite 101 Lake City, FL 32025
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Mark Disosway, PE P.O. Box 868 Lake City, FL 32056
Mortgage Lenders Name & Address First Federal Savings Bank of Florida
P.O. Box 2029 Lake City, FL 32056
Property ID Number 28-3S-16-02372-618 Estimated Cost of Construction \$189,000.00
Subdivision Name Arbor Greene at Emerald Lakes Phase 2 Lot 18 Block Unit Phase
Driving Directions 90W to Brown Rd; TR on Brown; TL on Winding Place; TL on
Emerald Lakes Drive; TL on Zack Drive; Lot 18 on right

Type of Construction Single family dwelling Number of Existing Dwellings on Property 0
Total Acreage .5043 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing
Actual Distance of Structure from Property Lines - Front 35 Side 50 Side 50 Rear 40
Total Building Height 25 Number of Stories 1 Heated Floor Area 2,230 Roof Pitch 6/12

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 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.

Owner Builder or Agent (Including Contractor)

Contractor Signature
Contractors License Number CGC036224
Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 16th day of July 2004.
Personally known or Produced Identification

NOTARY PUBLIC SEAL
Ingrid Geisler
Commission # CC 987169
Expires Jan. 26, 2005
Bonded Thru
Atlantic Bonding Co., Inc.
Notary Signature

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949
PHONE: (386) 752-8787 * 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: 4-19-04

ENHANCED 9-1-1 ADDRESS:

907 NW Zack Dr. (Lake City, Fl) 32055

Addressed Location 911 Phone Number: NIA

OCCUPANT NAME: Jack E Virginia Woodard

OCCUPANT CURRENT MAILING ADDRESS: NIA

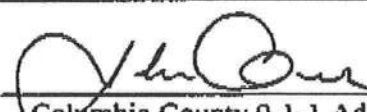
PROPERTY APPRAISER MAP SHEET NUMBER: 44

PROPERTY APPRAISER PARCEL NUMBER: 28-35-16-02372-618

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: Lot 18, Arbor Green @ Emerald Lakes S/B.

Address Issued By: 
Columbia County 9-1-1 Addressing Department

THIS INSTRUMENT WAS PREPARED BY:
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

Inst:2004015408 Date:07/02/2004 Time:11:12
MK DC,P.Dewitt Cason,Columbia County B:1019 P:2565

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 18, Arbor Greene at Emerald Lakes, Phase 2,
a subdivision according to the plat thereof as recorded in Plat Book 7,
Pages 131-133, public records of Columbia County, Florida
- 2. General description of improvement: **Construction of Dwelling**
- 3. Owner information:
 - a. Name and address: Jack E. Woodard and Virginia P. Woodard
133 NW Emerald Lakes Drive, Lake City, FL 32055
 - 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
2230 SE Baya Drive, Suite 101, Lake City, FL 32025

- 5. Surety:
 - a. Name and address: _____
 - b. Amount of bond: _____

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 Maud R. Cason
Deputy Clerk
Date July 2, 2004

- 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 of this 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) _____

[Signature]
Borrower Name
[Signature]
Co-Borrower Name

The foregoing instrument was acknowledged before me this 29th day of June, 2004, by JACK E. WOODARD & VIRGINIA P. WOODARD, who is personally known to me or who has produced driver's license for identification.



[Signature]
Notary Public
My Commission Expires:

THIS INSTRUMENT WAS PREPARED BY:

Rec. 10.50

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

Doc. 160.30

RETURN TO:

04-330

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328Inst:2004015406 Date:07/02/2004 Time:11:12
Doc Stamp-Deed : 150.50
mk DC,P,DeWitt Cason,Columbia County B:1019 P:2548Property Appraiser's
Parcel Identification No.: R02372-618WARRANTY DEED

THIS INDENTURE, made this 29th day of June, 2004, 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 JACK E. WOODARD and VIRGINIA P. WOODARD, Husband and Wife, whose post office address is 133 NW Zack Drive, Lake City, FL 32055, of the 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 18, ARBOR GREENE AT EMERALD LAKES PHASE 2, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 131-133 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

Terry McDavid
Lisa C. Ogburn
Lisa C. Ogburn

By: O.P. DAUGHTRY, III, President

Inst:2004015406 Date:07/02/2004 Time:11:12
Doc Stamp-Deed : 150.50
DC, P. DeWitt Cason, Columbia County B:1019 P:2549

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 29th day of June, 2004, 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: _____

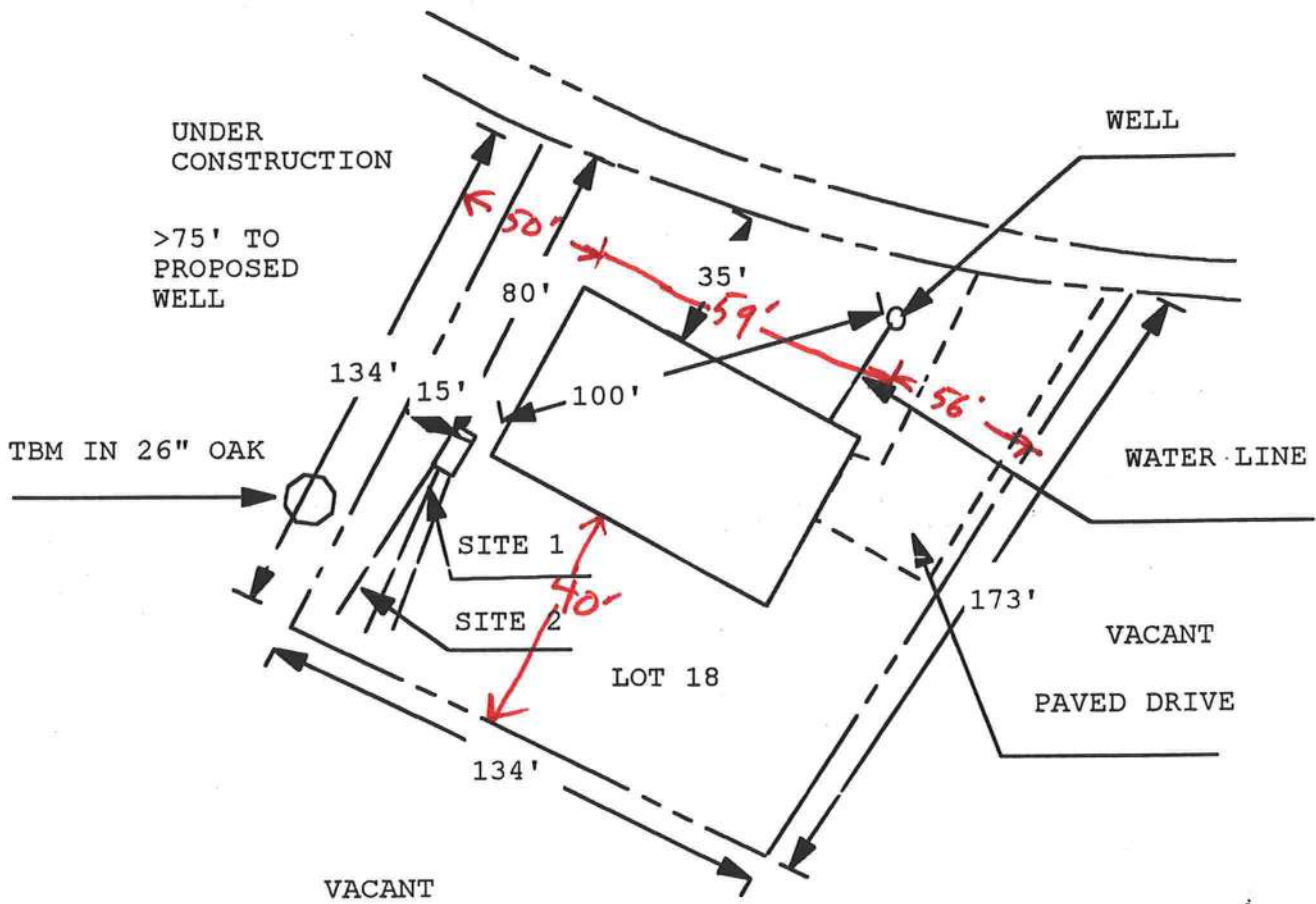


Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan
Permit Application Number: _____

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UN

CR# 03-1929 WOODARD

VACANT



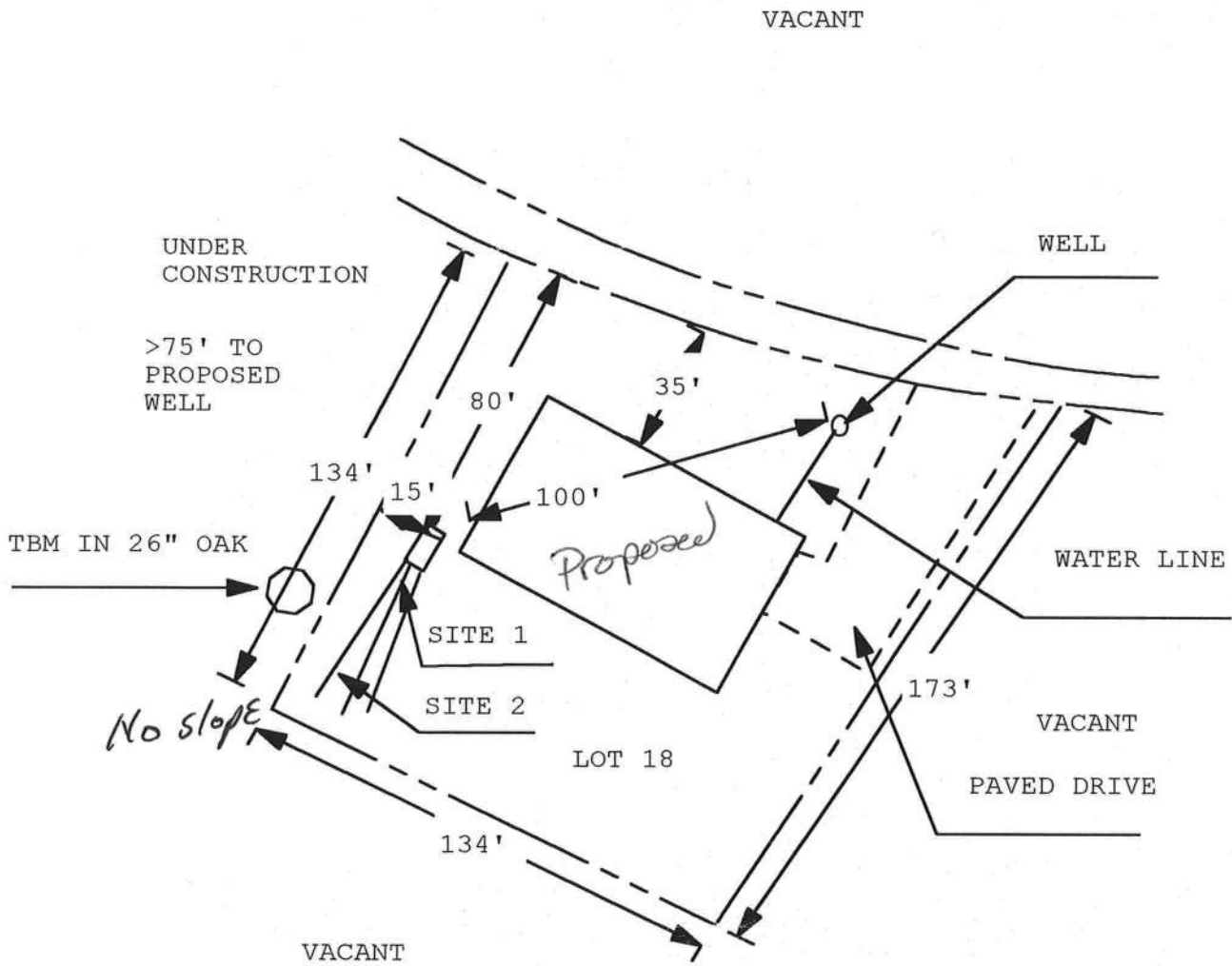
1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 4/1/04
 Plan Approved Not Approved Date 4/1/04
 By Paul Lloyd CPHU
 Notes: _____

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan
Permit Application Number: 04-0238N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CR# 03-1929 WOODARD



1 inch = 50 feet

Site Plan Submitted By *Paul Lopez* Date 4/1/04
 Plan Approved *Paul Lopez* Not Approved _____ Date 4/1/04
 By *Paul Lopez* Columbia Zoning Dept CPHU B-7-07

Notes: _____

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: Woodard Residence Address: Lot: 18, Sub: Arbor Greene II, Plat: City, State: Lake City, FL Owner: Jack & Virginia Woodard Climate Zone: North	Builder: Don Reed Permitting Office: Permit Number: 22132 Jurisdiction Number: 221000
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<table style="width: 100%; border-collapse: collapse;"> <tr><td>1. New construction or existing</td><td style="text-align: right;">New</td><td style="text-align: center;">___</td></tr> <tr><td>2. Single family or multi-family</td><td style="text-align: right;">Single family</td><td style="text-align: center;">___</td></tr> <tr><td>3. Number of units, if multi-family</td><td style="text-align: right;">1</td><td style="text-align: center;">___</td></tr> <tr><td>4. Number of Bedrooms</td><td style="text-align: right;">3</td><td style="text-align: center;">___</td></tr> <tr><td>5. Is this a worst case?</td><td style="text-align: right;">Yes</td><td style="text-align: center;">___</td></tr> <tr><td>6. Conditioned floor area (ft²)</td><td style="text-align: right;">2230 ft²</td><td style="text-align: center;">___</td></tr> <tr><td>7. Glass area & type</td><td></td><td style="text-align: center;">___</td></tr> <tr><td> a. Clear - single pane</td><td style="text-align: right;">0.0 ft²</td><td style="text-align: center;">___</td></tr> <tr><td> b. Clear - double pane</td><td style="text-align: right;">294.3 ft²</td><td style="text-align: center;">___</td></tr> <tr><td> c. Tint/other SHGC - single pane</td><td style="text-align: right;">0.0 ft²</td><td style="text-align: center;">___</td></tr> <tr><td> d. Tint/other SHGC - double pane</td><td style="text-align: right;">0.0 ft²</td><td style="text-align: center;">___</td></tr> <tr><td>8. Floor types</td><td></td><td style="text-align: center;">___</td></tr> <tr><td> a. Slab-On-Grade Edge Insulation</td><td style="text-align: right;">R=0.0, 208.0(p) ft</td><td style="text-align: center;">___</td></tr> <tr><td> b. N/A</td><td></td><td style="text-align: center;">___</td></tr> <tr><td> c. N/A</td><td></td><td style="text-align: center;">___</td></tr> <tr><td>9. Wall types</td><td></td><td style="text-align: center;">___</td></tr> <tr><td> a. Frame, Wood, Adjacent</td><td style="text-align: right;">R=13.0, 176.0 ft²</td><td style="text-align: center;">___</td></tr> <tr><td> b. Frame, Wood, Exterior</td><td style="text-align: right;">R=13.0, 1696.0 ft²</td><td style="text-align: center;">___</td></tr> <tr><td> c. N/A</td><td></td><td style="text-align: center;">___</td></tr> <tr><td> d. N/A</td><td></td><td style="text-align: center;">___</td></tr> <tr><td> e. N/A</td><td></td><td style="text-align: center;">___</td></tr> <tr><td>10. Ceiling types</td><td></td><td style="text-align: center;">___</td></tr> <tr><td> a. Under Attic</td><td style="text-align: right;">R=30.0, 2230.0 ft²</td><td style="text-align: center;">___</td></tr> <tr><td> b. N/A</td><td></td><td style="text-align: center;">___</td></tr> <tr><td> c. N/A</td><td></td><td style="text-align: center;">___</td></tr> <tr><td>11. Ducts</td><td></td><td style="text-align: center;">___</td></tr> <tr><td> a. Sup: Unc. Ret: Unc. AH: Interior</td><td style="text-align: right;">Sup. R=6.0, 120.0 ft</td><td style="text-align: center;">___</td></tr> <tr><td> b. N/A</td><td></td><td style="text-align: center;">___</td></tr> </table>	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)	2230 ft ²	___	7. Glass area & type		___	a. Clear - single pane	0.0 ft ²	___	b. Clear - double pane	294.3 ft ²	___	c. Tint/other SHGC - single pane	0.0 ft ²	___	d. Tint/other SHGC - double pane	0.0 ft ²	___	8. Floor types		___	a. Slab-On-Grade Edge Insulation	R=0.0, 208.0(p) ft	___	b. N/A		___	c. N/A		___	9. Wall types		___	a. Frame, Wood, Adjacent	R=13.0, 176.0 ft ²	___	b. Frame, Wood, Exterior	R=13.0, 1696.0 ft ²	___	c. N/A		___	d. N/A		___	e. N/A		___	10. Ceiling types		___	a. Under Attic	R=30.0, 2230.0 ft ²	___	b. N/A		___	c. N/A		___	11. Ducts		___	a. 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N/A</td><td></td><td style="text-align: center;">___</td></tr> <tr><td> c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)</td><td></td><td style="text-align: center;">___</td></tr> <tr><td>15. HVAC credits</td><td></td><td style="text-align: right;">CF, ___</td></tr> <tr><td colspan="3" style="font-size: small;">(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)</td></tr> </table>	12. Cooling systems			a. Central Unit		Cap: 36.0 kBtu/hr SEER: 10.00	b. N/A		___	c. N/A		___	13. Heating systems			a. Electric Heat Pump		Cap: 36.0 kBtu/hr HSPF: 6.80	b. N/A		___	c. N/A		___	14. Hot water systems			a. Electric Resistance		Cap: 40.0 gallons EF: 0.90	b. N/A		___	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		___	15. 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14. Hot water systems																																																																																																																															
a. Electric Resistance		Cap: 40.0 gallons EF: 0.90																																																																																																																													
b. N/A		___																																																																																																																													
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		___																																																																																																																													
15. HVAC credits		CF, ___																																																																																																																													
(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)																																																																																																																															

Glass/Floor Area: 0.13	Total as-built points: 29424 Total base points: 32352	PASS
------------------------	--	------

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

PREPARED BY: *Tyler Scumbe*


DATE: 5/6/04

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: _____

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 18, Sub: Arbor Greene II, Plat: , 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.	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 18, Sub: Arbor Greene II, Plat: , Lake City, FL, PERMIT #:

BASE				AS-BUILT							
WATER HEATING				Tank	EF	Number of	X	Tank X	Multiplier X	Credit = Total	
Number of	X	Multiplier	= Total	Volume		Bedrooms		Ratio	Multiplier	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	+	Hot Water	= Total
Points		Points		Points	Points	Points		Points		Points	Points
12914		11200		8238	32352	11242		10127		8055	29424

PASS



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 18, Sub: Arbor Greene II, Plat: , Lake City, FL,	PERMIT #:
--	-----------

BASE				AS-BUILT					
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
2230.0 -0.59 -1315.7				2230.0 -0.59 -1315.7					
Winter Base Points:			17851.6	Winter As-Built Points:			17376.3		
Total Winter Points	X System Multiplier	= Heating Points		Total Component	X Cap Ratio	X Duct Multiplier <small>(DM x DSM x AHU)</small>	X System Multiplier	X Credit Multiplier	= Heating Points
17851.6	0.6274	11200.1		17376.3	1.000	<small>(1.069 x 1.169 x 0.93)</small>	0.501	1.000	10126.9
				17376.3	1.00	1.162	0.501	1.000	10126.9

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 18, Sub: Arbor Greene II, Plat: , 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	2230.0	12.74	5113.8	Double, Clear	W	1.5	8.0	38.0	10.77	1.01	413.6
				Double, Clear	W	10.0	3.0	5.0	10.77	1.24	66.6
				Double, Clear	W	1.5	5.5	30.0	10.77	1.03	332.0
				Double, Clear	S	1.5	5.0	6.0	4.03	1.20	29.0
				Double, Clear	E	1.5	7.0	18.3	9.09	1.03	171.1
				Double, Clear	E	1.5	7.0	80.0	9.09	1.03	746.6
				Double, Clear	E	1.5	5.0	16.0	9.09	1.05	152.7
				Double, Clear	E	1.5	5.5	15.0	9.09	1.04	142.0
				Double, Clear	E	1.5	5.5	30.0	9.09	1.04	284.0
				Double, Clear	N	1.5	6.0	40.0	14.30	1.00	573.5
				Double, Clear	N	1.5	5.0	16.0	14.30	1.00	229.7
				As-Built Total:				294.3	3140.9		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	176.0	3.60	633.6	Frame, Wood, Adjacent	13.0		176.0	3.30 580.8			
Exterior	1696.0	3.70	6275.2	Frame, Wood, Exterior	13.0		1696.0	3.40 5766.4			
Base Total:	1872.0		6908.8	As-Built Total:			1872.0	6347.2			
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	20.0	11.50	230.0	Exterior Wood			20.0	12.30 246.0			
Exterior	40.0	12.30	492.0	Exterior Wood			20.0	12.30 246.0			
				Adjacent Wood			20.0	11.50 230.0			
Base Total:	60.0		722.0	As-Built Total:			60.0	722.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2230.0	2.05	4571.5	Under Attic	30.0		2230.0	2.05 X 1.00 4571.5			
Base Total:	2230.0		4571.5	As-Built Total:			2230.0	4571.5			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	208.0(p)	8.9	1851.2	Slab-On-Grade Edge Insulation	0.0		208.0(p)	18.80 3910.4			
Raised	0.0	0.00	0.0								
Base Total:			1851.2	As-Built Total:			208.0	3910.4			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 18, Sub: Arbor Greene II, Plat: , Lake City, FL,	PERMIT #:
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BASE			AS-BUILT				
INFILTRATION	Area X BSPM = Points		Area X SPM = Points				
	2230.0 10.21 22768.3		2230.0 10.21 22768.3				
Summer Base Points: 30272.7			Summer As-Built Points: 30475.8				
Total Summer Points	X System Multiplier	= Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier <small>(DM x DSM x AHU)</small>	X System Multiplier	X Credit Multiplier = Cooling Points
30272.7	0.4266	12914.3	30475.8 30475.8	1.000 1.00	(1.090 x 1.147 x 0.91) 1.138	0.341 0.341	0.950 0.950 11242.1 11242.1

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.0

The higher the score, the more efficient the home.

Jack & Virginia Woodard, Lot: 18, Sub: Arbor Greene II, Plat: , Lake City, FL,

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?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	2230	ft ² ___	13. Heating systems	
7. Glass area & type		___	a. Electric Heat Pump	Cap: 36.0 kBtu/hr ___
a. Clear - single pane	0.0	ft ² ___		HSPF: 6.80 ___
b. Clear - double pane	294.3	ft ² ___	b. N/A	___
c. Tint/other SHGC - single pane	0.0	ft ² ___	c. N/A	___
d. Tint/other SHGC - double pane	0.0	ft ² ___	14. Hot water systems	
8. Floor types		___	a. Electric Resistance	Cap: 40.0 gallons ___
a. Slab-On-Grade Edge Insulation	R=0.0, 208.0(p)	ft ___		EF: 0.90 ___
b. N/A		___	b. N/A	___
c. N/A		___	c. Conservation credits	___
9. Wall types		___	(HR-Heat recovery, Solar	
a. Frame, Wood, Adjacent	R=13.0, 176.0	ft ² ___	DHP-Dedicated heat pump)	
b. Frame, Wood, Exterior	R=13.0, 1696.0	ft ² ___	15. HVAC credits	CF, ___
c. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,	
d. N/A		___	HF-Whole house fan,	
e. N/A		___	PT-Programmable Thermostat,	
10. Ceiling types		___	RB-Attic radiant barrier,	
a. Under Attic	R=30.0, 2230.0	ft ² ___	MZ-C-Multizone cooling,	
b. N/A		___	MZ-H-Multizone heating)	
c. N/A		___		
11. Ducts		___		
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 120.0	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 EnergyStarSM 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. 000000368

DATE 07/26/2004 PARCEL ID # 28-3S-16-02372-618

APPLICANT KATIE REED PHONE 752-4072

ADDRESS 2230 SE BAYA DRIVE SUITE 101 LAKE CITY FL 32025

OWNER JACK & VIRGINIA WOODARD PHONE 752-4072

ADDRESS 907 NW ZACK DRIVE LAKE CITY FL 32055

CONTRACTOR DON REED CONSTRUCTION PHONE 752-4072

LOCATION OF PROPERTY 90W, TR ON BROWN, TL ON WINDING PLACE, TL ON EMERALD LAKES DR.,
TL ON ZACK DRIVE, LOT 18 ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT AR.GRE @ EM. LAKES 18 2

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 INSTALLATION 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 LAKES
CONCRETE
COMPANY

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-16-02372-618

Building permit No. 000022132

Use Classification SFD, UTILITY

Fire: 45.36

Permit Holder DON REED CONSTRUCTION

Waste: 98.00

Owner of Building JACK & VIRGINIA WOODARD

Total: 143.36

Location: 907 NW ZACK DR. (ARBOR GREEN @ EMERALD LAKES, LOT 1)

Date: 01/27/2005

Fanny Diche

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address

City

Phone

Site Location Subdivision

Lot# 18 Block# 22132 Permit# 22132

Address

AREAS TREATED

Area Treated

Date

Time

Gal.

Print Technician's Name

Main Body

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

Remarks

%

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address

City

Phone

Site Location Subdivision

Lot# 18 Block# 907 NW Zack Dr Permit# 22132

Address

AREAS TREATED

Area Treated

Date

Time

Gal.

Print Technician's Name

Main Body

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

Remarks

%