

DATE 06/25/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022014

APPLICANT KATIE REED/DON REED CONSTR.INC PHONE 752.4072
ADDRESS 2230 SE BAYA DRIVE,SUTE 101 LAKE CITY FL 32055
OWNER DONALD &JUDITH ANDERSON PHONE
ADDRESS 757 NW ZACK DRIVE LAKE CITY FL 3205
CONTRACTOR DON REED PHONE

LOCATION OF PROPERTY 90-W TO BROWN RD., R, TURN L, ON WINDING PLACE, TURN L
EM. LAKES DR, TURN R, ON ZACK, 2ND LOT ON L.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 132900.00
HEATED FLOOR AREA 2658.00 TOTAL AREA 3702.00 HEIGHT .00 STORIES
FOUNDATION CONC WALLS ROOF PITCH 7'12 FLOOR CONC
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 28-3S-16-02372-605 SUBDIVISION ARBOR GREENE @ EM.LAKES
LOT 5 BLOCK PHASE 2 UNIT TOTAL ACRES .50

000000342 N CGC036224
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
18"X32'MITERED 04-0577-n JDK RTJ N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE
1 FOOT ABOVE ROAD

Check # or Cash 2455

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 \$ 665.00 CERTIFICATION FEE \$ 18.51 SURCHARGE FEE \$ 18.51
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 777.02
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.

Columbia County Building Permit Application

For Office Use Only Application # 0405-87 Date Received 5/27/04 By G Permit # 22014
Application Approved by - Zoning Official RLK Date 25.06.04 Plans Examiner _____ Date _____
Flood Zone X per plat Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low DE
Comments Finish Floor Elevation to be 1 foot above Centerline of Road per plat

Applicants Name Katie Reed Phone 386-752-4072
Address 2230 SE Baya Drive Suite 101 Lake City, FL 32025
Owners Name Donald W. and Judith A. Anderson Phone 386-752-4072
911 Address 757 NW Zack Drive Lake City, FL 32055
Contractors Name Don Reed Construction, Inc. Phone 386-752-4072
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, P.E. P.O. Box 868 Lake City, FL 32056
Mortgage Lenders Name & Address CNB National Bank 187 SW Baya Drive Lake City, FL 32025
Property ID Number 28-3S-16-02372-605 Estimated Cost of Construction \$172,000.00
Subdivision Name Arbor Greene at Emerald Lakes Phase 2 Lot 5 Block ____ Unit ____ Phase 2
Driving Directions 90W to Brown Rd; Tr on Brown Road; T1 on Winding Place; T1 on Emerald Lakes Drive; Tr on Zack; 2nd lot on left
Type of Construction single family dwelling Number of Existing Dwellings on Property 0
Total Acreage .5 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 35 Side 30 Side 39 Rear 37
Total Building Height 20' Number of Stories 2 Heated Floor Area 2,306 Roof Pitch 7/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Don Reed
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

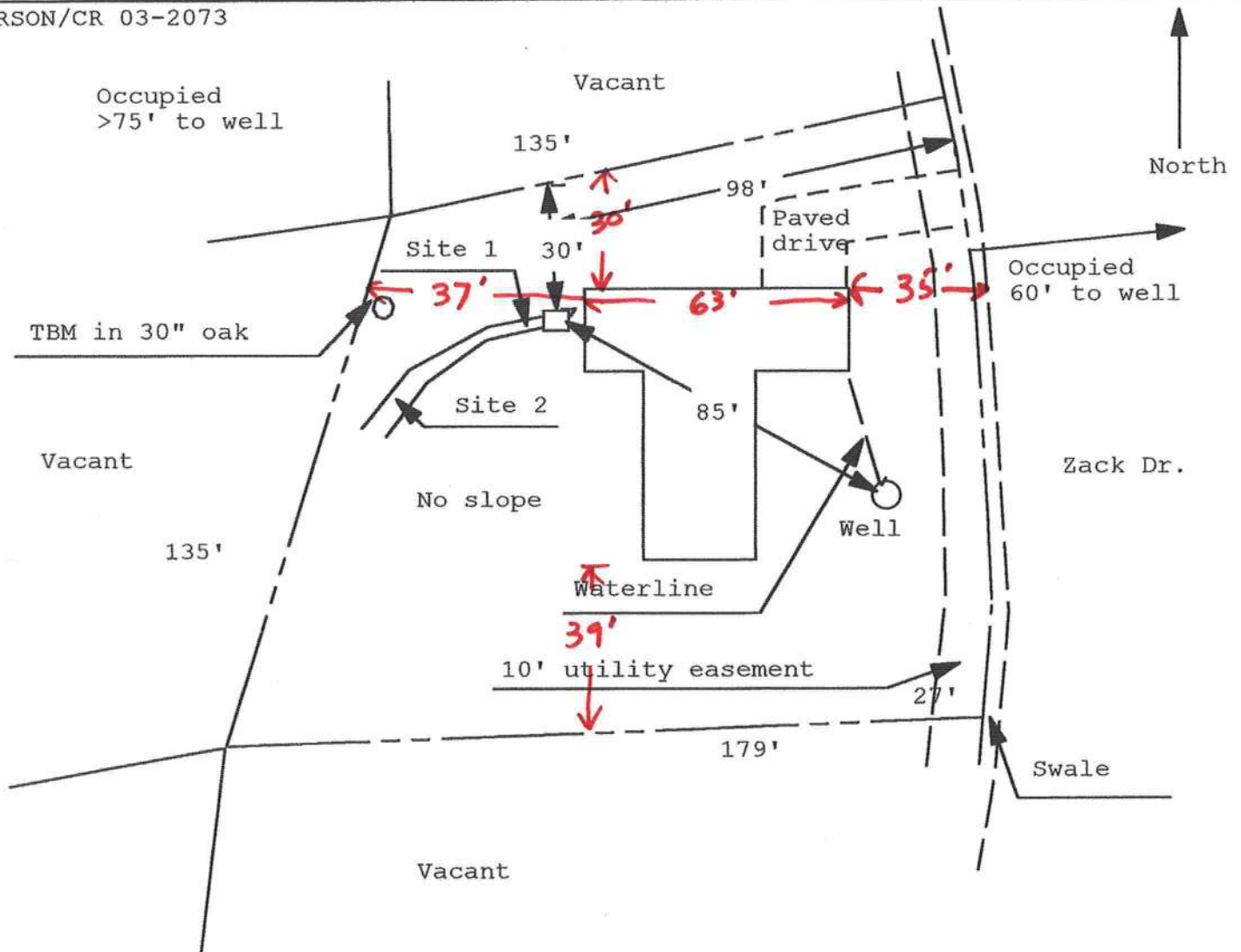
Sworn to (or affirmed) and subscribed before me
this 26th day of May 2004.
Personally known ✓ or Produced Identification _____

Contractor Signature
Contractors License Number CGC036224
Competency Card Number Ingrid Geiger
Commission # CC 987169
Expires Jan. 26, 2005
Bonded Thru
Atlantic Bonding Co., Inc.
NOTARY STAMP/SEAL
Ingrid Geiger
Notary Signature

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 04-0577-N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

ANDERSON/CR 03-2073



Arbor Greene @ Emerald Lakes Phase 2
Lot 5

1 inch = 40 feet

Site Plan Submitted By Paul L. Lyle Date 5/14/04
Plan Approved Not Approved Date 5/14/04

By Paul L. Lyle M. A. Lyle CPHU

Notes: _____

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: April 26, 2004

ENHANCED 9-1-1 ADDRESS:

757 NW ZACK DR (LAKE CITY, FL 32055)Addressed Location 911 Phone Number: NOT AVAIL.OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

PROPERTY APPRAISER MAP SHEET NUMBER: 44PROPERTY APPRAISER PARCEL NUMBER: 28-3S-16-02372-605

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: LOT 5, ARBOR GREENE AT EMERALD LAKES, PHASE 2, S/D

Address Issued By: _____

Columbia County 9-1-1 Addressing Department

**COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED**

THIS INSTRUMENT WAS PREPARED BY:

Rec. 10.50

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

Doc.

RETURN TO:

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

Inst:2003024230 Date:11/07/2003 Time:14:26

Doc Stamp-Deed : 150.50

DC, P. Dewitt Cason, Columbia County B:999 P:1348

Property Appraiser's
Parcel Identification No.:WARRANTY DEED

THIS INDENTURE, made this 30th day of October, 2003, between D D P CORPORATION, a corporation existing under the laws of the State of Florida, whose post office address is 5012 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 DONALD W. ANDERSON and JUDITH A. ANDERSON, Husband and Wife, whose post office address is 2054 SW 3rd Street, Okeechobee, FL 34974, 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 5, 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:

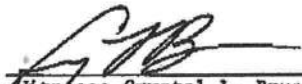
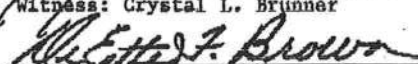
TO HAVE AND TO HOLD the same in fee simple forever.

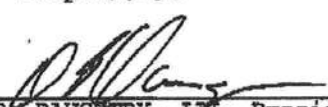
And the said party of the first part doth covenant with said party of the second part that it is lawfully seized of said premises; that they are free of all encumbrances, and that it has good right and lawful authority to sell the same; and the said party of the first part does hereby fully warrant the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


Witness: Crystal L. Brunner

Witness: DeEtte F. Brown

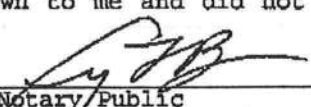
By: 
O.P. DAUGHTRY, III, President

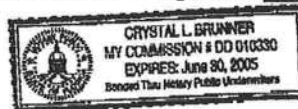
Inst: 2003024238 Date: 11/07/2003 Time: 14:26
Doc Stamp-Deed: 150.50

DC, P. DeWitt Cason, Columbia County B: 999 P: 1349

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 30th day of October, 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.


Notary Public
My Commission Expires:



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

By M. Paul Kean
 Deputy Clerk

Date 4-27-04



Inst:2004009503 Date:04/27/2004 Time:15:15

mk DC, P. DeWitt Cason, Columbia County B:1013 P:2015

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
 COUNTY OF Columbia

LOAN NO. 2004-1820

THE UNDERSIGNED HEREBY INFORMS ALL CONCERNED THAT IMPROVEMENTS WILL BE MADE TO CERTAIN REAL PROPERTY AND, IN ACCORDANCE WITH SECTION 713.13 OF THE FLORIDA STATUTES, THE FOLLOWING INFORMATION IS STATED IN THE NOTICE OF COMMENCEMENT. THIS NOTICE IS VOID AND OF NO FORCE AND EFFECT IF CONSTRUCTION IS NOT COMMENCED WITHIN (90) DAYS OF RECORDATION.

1. PROPERTY DESCRIPTION

A. Street Address or Location Description:

TBD Emerald Lakes
 Lake City, FLORIDA 32055

B. Legal Description:

See Legal description attached hereto and made a part hereof: as exhibit "A"

2. GENERAL DESCRIPTION OF IMPROVEMENTS:

CONSTRUCTION OF SINGLE FAMILY DWELLING

3. A. OWNER INFORMATION NAME AND ADDRESS:

Name: Donald W. Anderson AND Judith A. Anderson

Address: TBD Emerald Lakes
 Lake City, FLORIDA 32055

Mailing Address

2054 SW 3RD Street
 Okeechobee, FL 34974

B. OWNER'S INTEREST IN THE SITE OF IMPROVEMENT IS: FEE SIMPLE

C. NAME AND ADDRESS OF FEE SIMPLE TITLEHOLDER (IF OTHER THAN OWNER)

Name:
 Address:

4. NAME AND ADDRESS OF CONTRACTOR:

Name: Don Reed Construction
 Address: 3492 East Baya Ave
 Lake City, FL 32025

Phone Number: _____

Fax Number: _____

5. SURETY (IF ANY):

Name:
 Address:
 Amount of Bond:

6. LENDER MAKING CONSTRUCTION LOAN:

Name: CNB NATIONAL BANK
 Address: 187 SW BAYA DR., P.O. BOX 3239
 LAKE CITY, FLORIDA 32025

7. PERSON DESIGNATED BY OWNER UPON WHOM NOTICES OR OTHER DOCUMENTS MAY BE SERVED AS PROVIDED BY SECTION 713.13 (1) (a) FLORIDA STATUTES:

Name:
 Address:

Phone Number: _____

Fax Number: _____

Inst: 2004009583 Date: 04/27/2004 Time: 15:15
 DC, P. Dewitt Cason, Columbia County B: 1013 P: 2016

8. OWNER DESIGNATES THE FOLLOWING PERSON IN ADDITION TO HIMSELF TO RECEIVE A COPY OF THE LIENORS NOTICE AS PROVIDED IN SECTION 713.13 (1) (b), FLORIDA STATUTES:

Name: CHB NATIONAL BANK
 Address: 187 SW BAY DR., P.O. BOX 3239
 LAKE CITY, FLORIDA 32025
 Attn:

9. EXPIRATION DATE OF NOTICE OF COMMENCEMENT (THE EXPIRATION DATE IS 1 YEAR FROM THE DATE OF RECORDING UNLESS A DIFFERENT DATE IS SPECIFIED.)

WITNESS Terry McDavid

WITNESS Lisa C. Ogburn

OWNER Donald W. Anderson

OWNER Judith A. Anderson

OWNER _____

OWNER _____

State of Florida

The following instrument was acknowledged before me this APRIL 23, 2004
 Donald W. Anderson AND Judith A. Anderson, HUSBAND AND WIFE

by

who is personally known to me or who has produced
 who did take an oath.

as identification and

NOTARY PUBLIC
 (Seal)

MY COMMISSION EXPIRES: _____



Schedule "A"

Lot 5, 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.

Inst:2004009503 Date:04/27/2004 Time:15:15
DC,P.Dewitt Cason,Columbia County B:1013 P:2017

28-3S-16-02372-605

LOT 5 ARBOR GREENE AT EMERALD
LAKES PHASE 2. WD 999-1348.ANDERSON DONALD W & JUDITH A 28-3S-16-02372-605
2054 SW 3RD ST

Columbia County

OKEECHOBEE

FL 34974

PRINTED 3/15/2004 9:09
APPR 9/26/2003 JEFF

USE	AE?	HTD AREA	.000 INDEX	28316.05 NBHD	PROP USE	0001
MOD	BATH	EFF AREA	E-RATE	.000	INDX	STR 28- 3S- 16
EXW	FIXT	RCN			AYB	MKT AREA 01
%	BDRM	%GOOD	BLDG VAL		EYB	(PUD1
RSTR	RMS					AC .500
RCVR	UNTS	3 FIELD CK:		3		NTCD
%	C-W%	3 LOC: ARBOR GREENE PHS 2		3		APPR CD
INT	HGHT	3		3		CNDO
%	PMTR	3		3		SUBD
FLR	STYS	3		3		BLK
%	ECON	3		3		LOT
HTTP	FUNC	3		3		MAP# 44
A/C	SPCD	3		3		
QUAL	DEPR	3		3		TXDT 002
FNDN	UD-1	3		3		
SIZE	UD-2	3		3		----- BLDG TRA
CEIL	UD-3	3		3		
ARCH	UD-4	3		3		
FRME	UD-5	3		3		
KTCH	UD-6	3		3		
WNDO	UD-7	3		3		
CLAS	UD-8	3		3		
OCC	UD-9	3		3		
COND	%	3		3		----- PERMIT:
SUB	A-AREA % E-AREA SUB VALUE	3		3		NUMBER DESC
		3		3		
		3		3		
		3		3		----- SALE
		3		3		BOOK PAGE DATE
		3		3		999 1348 10/30/200
		3		3		GRANTOR D D P CORP
		3		3		GRANTEE DONALD W & JUDI
		3		3		
		3		3		GRANTOR
		3		3		GRANTEE

TOTAL

-----EXTRA FEATURES-----										FIELD CK:							
AE BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRICE	ADJ	UT	PR	SPCD	%
	LAND	DESC	ZONE	ROAD	{UD1	{UD3	FRONT	DEPTH	FIELD CK:								
AE	CODE		TOPO	UTIL	{UD2	{UD4	BACK	DT	ADJUSTMENTS			UNITS	UT		PRICE	ADJ	UT
Y	000000	VAC RES	RSF-1	0007					1.00 1.00 1.00 1.00			1.000	LT		18275.000		18275.0
			0002	0003													

2004

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	Anderson Residence	Builder:	Don Reed Construction
Address:	Lot: 5, Sub: Arbor Greene II, Plat:	Permitting Office:	Columbia
City, State:	Lake City, FL	Permit Number:	22014
Owner:	Donald & Judith Anderson	Jurisdiction Number:	221001
Climate Zone:	North		

- | | | | |
|--|--------------------------------|--|-------------------|
| 1. New construction or existing | New | 12. Cooling systems | |
| 2. Single family or multi-family | Single family | a. Central Unit | Cap: 42.0 kBtu/hr |
| 3. Number of units, if multi-family | 1 | | SEER: 10.00 |
| 4. Number of Bedrooms | 3 | b. N/A | |
| 5. Is this a worst case? | Yes | c. N/A | |
| 6. Conditioned floor area (ft ²) | 2306 ft ² | 13. Heating systems | |
| 7. Glass area & type | | a. Electric Heat Pump | Cap: 42.0 kBtu/hr |
| a. Clear - single pane | 0.0 ft ² | | HSPF: 6.80 |
| b. Clear - double pane | 346.3 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, 283.0(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, Exterior | R=13.0, 2698.0 ft ² | DHP-Dedicated heat pump) | |
| b. Frame, Wood, Adjacent | R=13.0, 35.0 ft ² | 15. HVAC credits | |
| 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 | | MZ-C-Multizone cooling, | |
| a. Under Attic | R=30.0, 2306.0 ft ² | MZ-H-Multizone heating) | |
| b. N/A | | | |
| c. N/A | | | |
| 11. Ducts | | | |
| a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=6.0, 115.0 ft | | |
| b. N/A | | | |

Glass/Floor Area: 0.15

Total as-built points: 33729

Total base points: 35509

PASS

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

PREPARED BY: [Signature]

DATE: 4-06-04

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: 5, 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: 5, Sub: Arbor Greene II, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						=
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	+	Cooling	+	Heating	+
Points		Points		Points		Points	
13057		14214		12190		13483	
		8238				8055	
		35509				33729	

PASS

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 5, Sub: Arbor Greene II, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT						
INFILTRATION Area X BWPM = Points				Area X WPM = Points						
2306.0 -0.59 -1360.5				2306.0 -0.59 -1360.5						
Winter Base Points: 22656.1				Winter As-Built Points: 23135.5						
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)						
22656.1 0.6274 14214.4				23135.5 1.000 (1.069 x 1.169 x 0.93) 0.501 1.000 13483.4 23135.5 1.00 1.162 0.501 1.000 13483.4						

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, 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 Ormt Len Hgt		Area X WPM X WOF = Points				
.18	2306.0	12.74	5288.1	Double, Clear	E	1.5	6.0	90.0	9.09	1.04	847.2
				Double, Clear	E	1.5	6.0	45.0	9.09	1.04	423.6
				Double, Clear	E	1.5	2.3	6.7	9.09	1.17	71.1
				Double, Clear	N	1.5	6.0	30.0	14.30	1.00	430.1
				Double, Clear	N	1.5	6.0	30.0	14.30	1.00	430.1
				Double, Clear	W	1.5	5.0	16.0	10.77	1.03	178.2
				Double, Clear	W	1.5	7.0	24.0	10.77	1.02	262.6
				Double, Clear	NW	1.5	7.0	9.0	14.03	1.00	126.5
				Double, Clear	SW	1.5	7.0	9.0	7.17	1.04	67.3
				Double, Clear	W	1.5	6.0	60.0	10.77	1.02	661.1
				Double, Clear	E	1.5	2.7	20.0	9.09	1.14	207.9
				Double, Clear	W	1.5	2.3	6.7	10.77	1.11	80.0
				As-Built Total:				346.3	3785.7		
WALL TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM =		Points	
Adjacent	35.0	3.60	126.0			Frame, Wood, Exterior	13.0	2698.0	3.40	9173.2	
Exterior	2698.0	3.70	9982.6			Frame, Wood, Adjacent	13.0	35.0	3.30	115.5	
Base Total:				2733.0	10108.6	As-Built Total:		2733.0	9288.7		
DOOR TYPES				Area X BWPM = Points		Type		Area X WPM =		Points	
Adjacent	20.0	11.50	230.0			Exterior Wood		20.0	12.30	246.0	
Exterior	93.0	12.30	1143.9			Exterior Wood		40.0	12.30	492.0	
						Exterior Wood		33.0	12.30	405.9	
						Adjacent Wood		20.0	11.50	230.0	
Base Total:				113.0	1373.9	As-Built Total:		113.0	1373.9		
CEILING TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM X WCM =		Points	
Under Attic	2306.0	2.05	4727.3			Under Attic	30.0	2306.0	2.05 X 1.00	4727.3	
Base Total:				2306.0	4727.3	As-Built Total:		2306.0	4727.3		
FLOOR TYPES				Area X BWPM = Points		Type	R-Value	Area X WPM =		Points	
Slab	283.0(p)	8.9	2518.7			Slab-On-Grade Edge Insulation	0.0	283.0(p)	18.80	5320.4	
Raised	0.0	0.00	0.0								
Base Total:				2518.7	2518.7	As-Built Total:		283.0	5320.4		

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 5, Sub: Arbor Greene II, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT				
INFILTRATION Area X BSPM = Points				Area X SPM = Points				
2306.0 10.21 23544.3				2306.0 10.21 23544.3				
Summer Base Points: 30607.2				Summer As-Built Points: 31394.2				
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)				
30607.2 0.4266 13057.1				31394.2 1.000 (1.090 x 1.147 x 0.91) 0.341 1.000 12190.4 31394.2 1.00 1.138 0.341 1.000 12190.4				

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, Sub: Arbor Greene II, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ormt Len Hgt			Area X	SPM X	SOF = Points	
.18	2306.0	20.04	8318.2	Double, Clear	E	1.5	6.0	90.0	40.22	0.91	3304.2
				Double, Clear	E	1.5	6.0	45.0	40.22	0.91	1652.1
				Double, Clear	E	1.5	2.3	6.7	40.22	0.64	172.3
				Double, Clear	N	1.5	6.0	30.0	19.22	0.94	541.2
				Double, Clear	N	1.5	6.0	30.0	19.22	0.94	541.2
				Double, Clear	W	1.5	5.0	16.0	36.99	0.88	518.1
				Double, Clear	W	1.5	7.0	24.0	36.99	0.94	833.5
				Double, Clear	NW	1.5	7.0	9.0	25.46	0.95	217.0
				Double, Clear	SW	1.5	7.0	9.0	38.46	0.92	318.4
				Double, Clear	W	1.5	6.0	60.0	36.99	0.91	2026.9
				Double, Clear	E	1.5	2.7	20.0	40.22	0.69	551.7
				Double, Clear	W	1.5	2.3	6.7	36.99	0.65	160.3
				As-Built Total:				346.3			10836.9
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X	SPM	= Points	
Adjacent	35.0	0.70	24.5	Frame, Wood, Exterior	13.0			2698.0	1.50	4047.0	
Exterior	2698.0	1.70	4586.6	Frame, Wood, Adjacent	13.0			35.0	0.60	21.0	
Base Total:				As-Built Total:				2733.0		4068.0	
DOOR TYPES Area X BSPM = Points				Type				Area X	SPM	= Points	
Adjacent	20.0	2.40	48.0	Exterior Wood				20.0	6.10	122.0	
Exterior	93.0	6.10	567.3	Exterior Wood				40.0	6.10	244.0	
				Exterior Wood				33.0	6.10	201.3	
				Adjacent Wood				20.0	2.40	48.0	
Base Total:				As-Built Total:				113.0		615.3	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X	SPM X SCM	= Points	
Under Attic	2306.0	1.73	3989.4	Under Attic	30.0			2306.0	1.73 X 1.00	3989.4	
Base Total:				As-Built Total:				2306.0		3989.4	
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X	SPM	= Points	
Slab	283.0(p)	-37.0	-10471.0	Slab-On-Grade Edge Insulation	0.0			283.0(p)	-41.20	-11659.6	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:				283.0		-11659.6	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 82.9

The higher the score, the more efficient the home.

Donald & Judith Anderson, Lot: 5, 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: 42.0 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)	2306 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
b. Clear - double pane	346.3 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, 283.0(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, 2698.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 35.0 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, 2306.0 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: Interior	Sup. R=6.0, 115.0 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)

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address 536 SE BAY A DR.

City Lake City **Phone** (386) 752-1703

Site Location **Subdivision** _____

Lot# _____ **Block#** _____ **Permit#** 22014

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 #	<u>11-22-04</u>	<u>855</u>	<u>1</u>	<u>RCrawford</u>
Exterior of Foundation				
Driveway Apron	<u>11-22-04</u>	<u>855</u>	<u>4</u>	<u>RCrawford</u>
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied Dursban TC .05 %

Remarks _____

Columbia County Building Department Culvert Permit

Culvert Permit No.
000000342

DATE 06/25/2004 PARCEL ID # 28-3S-16-02372-605
APPLICANT KATIE REED/DON REED CONSTR.INC. PHONE 752.4072
ADDRESS 2230 SE BAYA DRIVE, SUITE 101 LAKE CITY FL 32025
OWNER DONALD & JUDITH ANDERSON PHONE _____
ADDRESS 757 NW ZACK DRIVE LAKE CITY FL 32055
CONTRACTOR DON REED PHONE 752.4072
LOCATION OF PROPERTY 90-W TO BRON ROAD,R, TO WINDING PLACE,L, TO EMERALD LAKES DRIVE,L
GO TO ZACK, R, 2NDLOT N LEFT.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ARBOR GR @ EM. LAKES 5 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 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





BAILEY BISHOP & LANE, INC.

Engineers

Surveyors


Planners

FLOOR ELEVATION CERTIFICATION

PROPERTY DESCRIPTION: ***Arbor Greene at Emerald Lakes Phase 2
Lot 5***

OWNER: ***Donald & Judy Anderson***

PROJECT REQUIREMENTS: For protection against water damage, the minimum finish floor elevation of the proposed building shall be 16 inches above the highest existing ground elevation at the proposed building. The ground around the proposed building shall be graded to direct all runoff around and away from the proposed building.



Gregory G. Bailey, P.E.

Date: May 4, 2004

10943

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address 536 SE Baya

City Lake City **Phone** 752-1703

Site Location **Subdivision** Emerald Lakes

Lot# 5 **Block#** **Permit#** 22014

Address 757 NW Zack Dr

AREAS TREATED

Print Technician's

Area Treated	Date	Time	Gal.	Name
Main Body	7/13/04	1040	650	TRAVIS
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 DWSBANTC 5 %

Remarks _____

COLUMBIA COUNTY OFFICE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 28-3S-16-02372-605

Building permit No. 000022014

Use Classification SFD & UTILITY

Fire: 56.70

Permit Holder DON REED

Waste: 122.50

Owner of Building DONALD & JUDITH ANDERSON

Total: 179.20

Location: 757 NW ZACK DRIVE, LAKE CITY, FL

Date: 12/09/2004



Harry Duke
by *Harry Duke*
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)