

DATE 06/16/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023279

APPLICANT JOHN W. O'NEAL PHONE 752.7578
ADDRESS POB 3505 LAKE CITY FL 32056
OWNER TRAVIS & KAREN GRIFFIS PHONE 758.5617
ADDRESS 339 SW INWOOD COURT LAKE CITY FL 32024
CONTRACTOR JOHN W. O'NEAL PHONE 752.7578

LOCATION OF PROPERTY 90-W TO SISTERS WELCOME RD,TL GO 2 MILES TO CREEKSIDE S/D
TR, INWOOD COURT,TR IT'S @ THE VERY END (CUL-DE-SAC)

TYPE DEVELOPMENT SFD & UTLITY ESTIMATED COST OF CONSTRUCTION 140000.00

HEATED FLOOR AREA 2809.00 TOTAL AREA 3971.00 HEIGHT 23.40 STORIES 1

FOUNDATION CONC WALLS FRAMED 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. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 12-4S-16-02939-137 SUBDIVISION CREEKSIDE

LOT 37 BLOCK PHASE UNIT TOTAL ACRES .70

Culvert Permit No. CBC057550
EXISTING 05-0567-N BLK N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD.
NOC ON FILE.

Check # or Cash 9512

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 700.00 CERTIFICATION FEE \$ 19.86 SURCHARGE FEE \$ 19.86
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ TOTAL FEE 789.72

INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0505-107 Date Received 5/26/05 By JW Permit # 23279
Application Approved by - Zoning Official BLK Date 06.06.05 Plans Examiner KJH Date 6-3-05
Flood Zone Xpmp1st Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES Low Dev.
Comments See 10.04.05 Note 212
9512

Applicants Name JOHN W. O'NEAL Phone 386-752-7578
Address P.O. BOX 2166 - LAKE CITY, FLORIDA 32056
Owners Name TRAVIS & KAREN GRIFFIS Phone 386-758-5617
911 Address 339 SW INWOOD CT. - LAKE CITY, FLORIDA 32025
Contractors Name O'NEAL CONTRACTING, INC. Phone 386-752-7578
Address P.O. BOX 3505 - LAKE CITY, FLORIDA 32056
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address NICHOLAS P. GIESLER - RT. 17, BOX 1038 - LAKE CITY, FL 32055
Mortgage Lenders Name & Address PEOPLES STATE BANK - 500 SW MAIN BLVD. - LAKE CITY, FL 32025
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 12-45-16-02939-137 Estimated Cost of Construction 235,000.00
Subdivision Name CREEKSIDE Lot 37 Block Unit Phase
Driving Directions 90 WEST TO SISTERS WELCOME RD., TURN LEFT, GO APPROX. 2 MILES TO
S.W. CREEKSIDE LANE, TURN RIGHT, GO 100 FT. TO S.W. INWOOD CT., TURN RIGHT, AND
GO TO END OF STREET.
Type of Construction BRICK VENEER Number of Existing Dwellings on Property 0
Total Acreage .70 Lot Size .70 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 39 FT. Side 45 FT. Side 37 FT. Rear 24 FT.
Total Building Height 23'4" Number of Stories 1 Heated Floor Area 2809 S.F. 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.

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Karen O. Griffis
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 25th day of May 20 05.
Personally known ✓ or Produced Identification

John W. O'Neal
Contractor Signature
Contractors License Number CB057550
Competency Card Number
NOTARY STAMP/SEAL

Cindy Edge
Notary Signature
Commission # DD308375
Expires July 20, 2008
Berkshire Troy Park Insurance, Inc. 800-888-7910

789.72

May, 25 2005 10:13AM P2

FROM: COLUMBIA CO BUILDING + ZONING FAX NO.: 386-758-2160

Inst:2004001788 Date:01/27/2004 Time:15:52
Doc Stamp-Deed : 163.80
DC, P. Dewitt Cason, Columbia County B:1005 P:1442

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 15th day of January, 2004 by

Peter W. Giebeig, A Single Person
hereinafter called the grantor, to

Travis R. Griffis, and his wife, Karen D. Griffis f/w/a Karen D. O'Neal
whose post office address is: Rt. 3, Box 341, Lake City, FL 32025
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, yiz: Parcel ID# R02939-000

Lot 37 Creekside, a subdivision according to the plat thereof filed in Plat Book 7, Page 124-125, Public Records of Columbia County, Florida.

TOGETHER with all tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

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

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Lyndi Skinner
Witness

Peter W. Giebeig
Peter W. Giebeig

Cynthia Derrio
Witness

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 Roseleen Diello
Deputy Clerk
Date May 25, 2005




STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 15th day of January, 2004 by Peter W. Giebeig, A Single Person personally known to me or, if not personally known to me, who produced Driver's License No. _____ for identification and who did not take an oath.

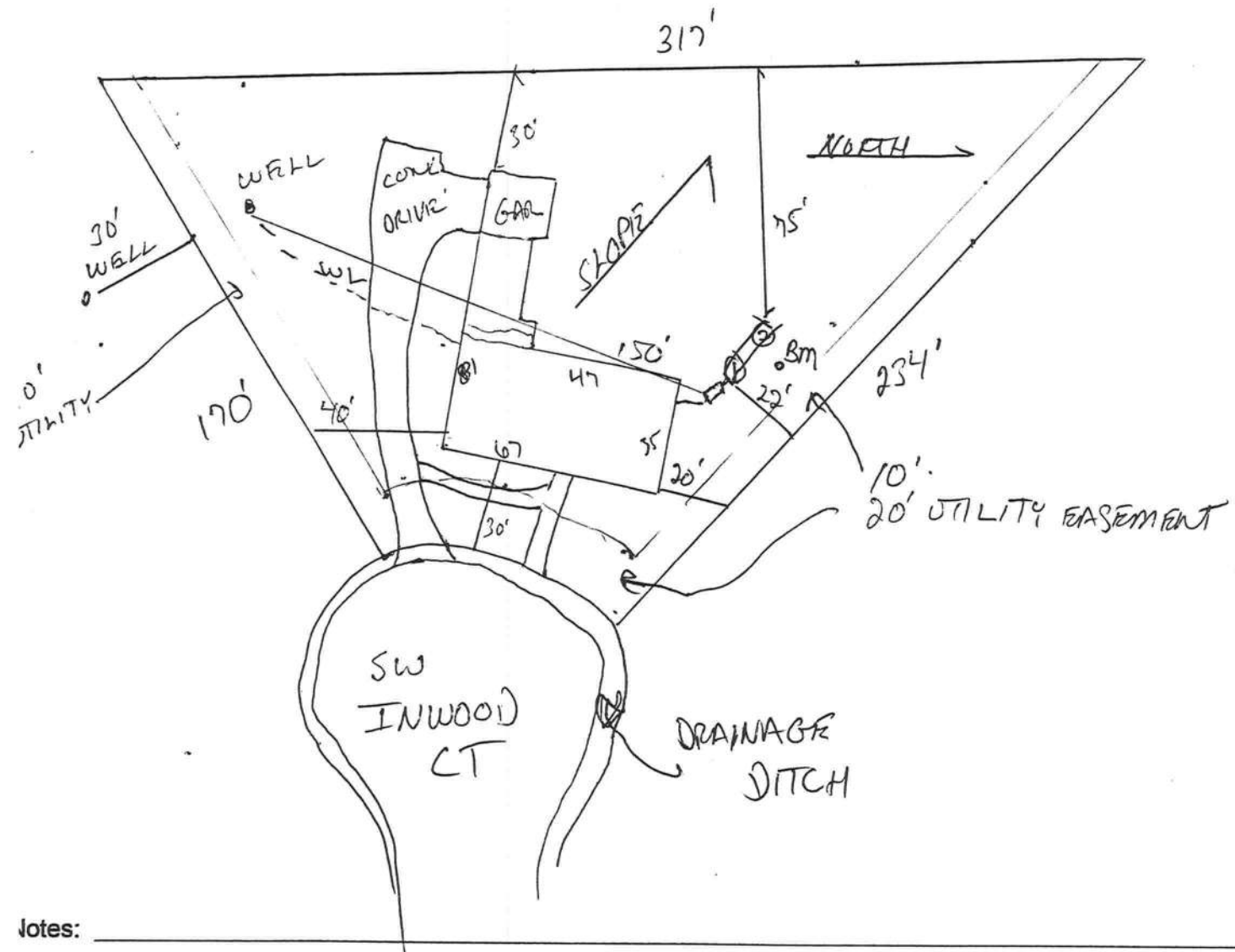
(SEAL)

Lyndi Skinner
Notary Public

 Lyndi Skinner
My Commission 70150703
Expires September 17, 2008

Permit Application Number 05-0567N

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rock D. F. **MASTER CONTRACTOR**
 Plan Approved ☒ Not Approved ☐ Date 5-26-05
 by M. S. F. Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **The Griffis Residence**
Address: Lot: , Sub: CreekSide, Plat: Parcel ID # 12-46-16-02939-137
City, State: Lake City, FL
Owner:
Climate Zone: North

Builder:
Permitting Office: Columbia
Permit Number: **23279**
Jurisdiction Number: 221000

- | | | | | | |
|-------------------------------------|---------------------|-------------|--|-------------------|-------|
| 1. New construction or existing | New | — | 12. Cooling systems | | |
| 2. Single family or multi-family | Single family | — | a. Central Unit | Cap: 40.0 kBtu/hr | — |
| 3. Number of units, if multi-family | 1 | — | | SEER: 13.00 | — |
| 4. Number of Bedrooms | 3 | — | b. N/A | | — |
| 5. Is this a worst case? | No | — | c. N/A | | — |
| 6. Conditioned floor area (ft²) | 2790 ft² | — | 13. Heating systems | | |
| 7. Glass area & type | Single Pane | Double Pane | a. Electric Heat Pump | Cap: 40.0 kBtu/hr | — |
| a. Clear glass, default U-factor | 0.0 ft² | 238.0 ft² | | HSPF: 8.00 | — |
| b. Default tint | 0.0 ft² | 0.0 ft² | b. N/A | | — |
| c. Labeled U or SHGC | 0.0 ft² | 0.0 ft² | c. N/A | | — |
| 8. Floor types | | | 14. Hot water systems | | |
| a. Slab-On-Grade Edge Insulation | R=1.0, 275.0(p) ft | — | a. Electric Resistance | Cap: 50.0 gallons | — |
| b. N/A | | — | | EF: 0.90 | — |
| c. N/A | | — | b. Electric Resistance | Cap: 30.0 gallons | — |
| 9. Wall types | | | | EF: 0.90 | — |
| a. Face Brick, Wood, Exterior | R=11.0, 2550.0 ft² | — | c. Conservation credits | | — |
| b. Frame, Wood, Adjacent | R=11.0, 200.0 ft² | — | (HR-Heat recovery, Solar | | |
| c. N/A | | — | DHP-Dedicated heat pump) | | |
| d. N/A | | — | 15. HVAC credits | | CF, — |
| e. N/A | | — | (CF-Ceiling fan, CV-Cross ventilation, | | |
| 10. Ceiling types | | | HF-Whole house fan, | | |
| a. Under Attic | R=30.0, 2790.0 ft² | — | PT-Programmable Thermostat, | | |
| b. N/A | | — | MZ-C-Multizone cooling, | | |
| c. N/A | | — | MZ-H-Multizone heating) | | |
| 11. Ducts | | | | | |
| a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=7.0, 60.0 ft | — | | | |
| b. N/A | | — | | | |

Glass/Floor Area: 0.09

Total as-built points: 28085
Total base points: 39555

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: 3/19/05

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

OWNER/AGENT: [Signature]

DATE: 3/19/05

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: Lot: , Sub: CreekSide, Plat: Parcel ID # 12-46-16-02939-137, Lake City, FL PERMIT #:

BASE				AS-BUILT									
GLASS TYPES													
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points					
.18	2790.0	20.04	10064.1	Double, Clear	N	1.3	7.0	10.0	19.20	0.97	185.5		
				Double, Clear	W	10.0	7.0	15.0	38.52	0.46	264.1		
				Double, Clear	W	6.0	7.0	45.0	38.52	0.56	978.7		
				Double, Clear	S	1.3	4.0	8.0	35.87	0.78	222.7		
				Double, Clear	S	1.3	6.0	9.0	35.87	0.89	286.0		
				Double, Clear	S	1.3	6.0	16.0	35.87	0.89	508.4		
				Double, Clear	S	1.3	7.0	15.0	35.87	0.92	495.0		
				Double, Clear	E	11.3	7.0	120.0	42.06	0.42	2112.7		
				As-Built Total:							238.0		5053.2
WALL TYPES				Area X BSPM = Points									
				Type	R-Value			Area X SPM = Points					
Adjacent	200.0	0.70	140.0	Face Brick, Wood, Exterior	11.0			2550.0	0.40	1020.0			
Exterior	2550.0	1.70	4335.0	Frame, Wood, Adjacent	11.0			200.0	0.70	140.0			
Base Total:				2750.0			4475.0			As-Built Total:		2750.0	1160.0
DOOR TYPES				Area X BSPM = Points									
				Type	R-Value			Area X SPM = Points					
Adjacent	18.0	2.40	43.2	Exterior Insulated				60.0	4.10	246.0			
Exterior	60.0	6.10	366.0	Adjacent Insulated				18.0	1.60	28.8			
Base Total:				78.0			409.2			As-Built Total:		78.0	274.8
CEILING TYPES				Area X BSPM = Points									
				Type	R-Value			Area X SPM X SCM = Points					
Under Attic	2790.0	1.73	4826.7	Under Attic	30.0			2790.0	1.73 X 1.00	4826.7			
Base Total:				2790.0			4826.7			As-Built Total:		2790.0	4826.7
FLOOR TYPES				Area X BSPM = Points									
				Type	R-Value			Area X SPM = Points					
Slab	275.0(p)	-37.0	-10175.0	Slab-On-Grade Edge Insulation	1.0			275.0(p)	-39.87	-10963.3			
Raised	0.0	0.00	0.0										
Base Total:				-10175.0			275.0			As-Built Total:		-10963.3	
INFILTRATION				Area X BSPM = Points									
							Area X SPM = Points						
							2790.0			10.21		28485.9	

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: CreekSide, Plat: Parcel ID # 12-46-16-02939-137, Lake City, FL PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 38085.9				Summer As-Built Points: 28837.2							
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
38085.9		0.4266	16247.4	28837.2		1.000	(1.081 x 1.147 x 0.91)	0.263	0.950	8111.5	
				28837.2		1.00	1.128	0.263	0.950	8111.5	

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: CreekSide, Plat: Parcel ID # 12-46-16-02939-137, 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	2790.0	12.74	6398.0	Double, Clear	N	1.3	7.0	10.0	24.58	1.00	246.0
				Double, Clear	W	10.0	7.0	15.0	20.73	1.20	373.2
				Double, Clear	W	6.0	7.0	45.0	20.73	1.15	1073.8
				Double, Clear	S	1.3	4.0	8.0	13.30	1.26	133.9
				Double, Clear	S	1.3	6.0	9.0	13.30	1.08	129.7
				Double, Clear	S	1.3	6.0	16.0	13.30	1.08	230.5
				Double, Clear	S	1.3	7.0	15.0	13.30	1.04	208.4
				Double, Clear	E	11.3	7.0	120.0	18.79	1.41	3179.8
				As-Built Total:							238.0
WALL TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points					
Adjacent	200.0	3.60	720.0	Face Brick, Wood, Exterior	11.0	2550.0	3.50	8925.0			
Exterior	2550.0	3.70	9435.0	Frame, Wood, Adjacent	11.0	200.0	3.60	720.0			
Base Total: 2750.0 10155.0				As-Built Total: 2750.0 9645.0							
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	18.0	11.50	207.0	Exterior Insulated			60.0	8.40	504.0		
Exterior	60.0	12.30	738.0	Adjacent Insulated			18.0	8.00	144.0		
Base Total: 78.0 945.0				As-Built Total: 78.0 648.0							
CEILING TYPES Area X BWPM = Points				Type	R-Value	Area X WPM X WCM = Points					
Under Attic	2790.0	2.05	5719.5	Under Attic	30.0	2790.0	2.05 X 1.00	5719.5			
Base Total: 2790.0 5719.5				As-Built Total: 2790.0 5719.5							
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points					
Slab	275.0(p)	8.9	2447.5	Slab-On-Grade Edge Insulation	1.0	275.0(p)	15.63	4299.2			
Raised	0.0	0.00	0.0								
Base Total: 2447.5				As-Built Total: 275.0 4299.2							
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
2790.0 -0.59 -1646.1				2790.0 -0.59 -1646.1							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: CreekSide, Plat: Parcel ID # 12-46-16-02939-137, Lake City, FL PERMIT #:

BASE				AS-BUILT							
Winter Base Points: 24018.9				Winter As-Built Points: 24240.9							
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
24018.9		0.6274	15069.5	24240.9		1.00	(1.061 x 1.169 x 0.93)	0.426	1.000	11918.6	
						1.00	1.153	0.426	1.000	11918.6	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: CreekSide, Plat: Parcel ID # 12-46-16-02939-137, Lake City, FL PERMIT #:

BASE					AS-BUILT				
WATER HEATING									
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X Tank X Multiplier X Credit Multiplier	= Total
3		2746.00		8238.0	50.0	0.90	3	0.63	5034.3
					30.0	0.90	3	0.38	3020.6
					As-Built Total:				8054.9

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
16247		15069		8238 39555	8111		11919		8055 28085

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: CreekSide, Plat: Parcel ID # 12-46-16-02939-137, Lake City, FL PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 88.5

The higher the score, the more efficient the home.

, Lot: , Sub: CreekSide, Plat: Parcel ID # 12-46-16-02939-137, Lake City, FL,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 40.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 13.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	No	___	c. N/A	___
6. Conditioned floor area (ft ²)	2790 ft ²	___		___
7. Glass area & type	Single Pane	Double Pane	___	___
a. Clear - single pane	0.0 ft ²	238.0 ft ²	___	___
b. Clear - double pane	0.0 ft ²	0.0 ft ²	___	13. Heating systems
c. Tint/other SHGC - single pane	0.0 ft ²	0.0 ft ²	___	a. Electric Heat Pump
d. Tint/other SHGC - double pane			___	Cap: 40.0 kBtu/hr
8. Floor types			___	HSPF: 8.00
a. Slab-On-Grade Edge Insulation	R=1.0, 275.0(p) ft	___	___	___
b. N/A	___	___	___	___
c. N/A	___	___	___	___
9. Wall types			___	14. Hot water systems
a. Face Brick, Wood, Exterior	R=11.0, 2550.0 ft ²	___	___	a. Electric Resistance
b. Frame, Wood, Adjacent	R=11.0, 200.0 ft ²	___	___	Cap: 50.0 gallons
c. N/A	___	___	___	EF: 0.90
d. N/A	___	___	___	Cap: 30.0 gallons
e. N/A	___	___	___	EF: 0.90
10. Ceiling types			___	c. Conservation credits
a. Under Attic	R=30.0, 2790.0 ft ²	___	___	(HR-Heat recovery, Solar
b. N/A	___	___	___	DHP-Dedicated heat pump)
c. N/A	___	___	___	15. HVAC credits
11. Ducts			___	(CF-Ceiling fan, CV-Cross ventilation,
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=7.0, 60.0 ft	___	___	HF-Whole house fan,
b. N/A	___	___	___	PT-Programmable Thermostat,
			___	MZ-C-Multizone cooling,
			___	MZ-H-Multizone heating)

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 850/498-8824.*

Energy Gauge RV Version: FLRCPB v3.30)

Residential System Sizing Calculation

Summary

Project Title:
The Griffis Residence

Code Only
Professional Version
Climate: North

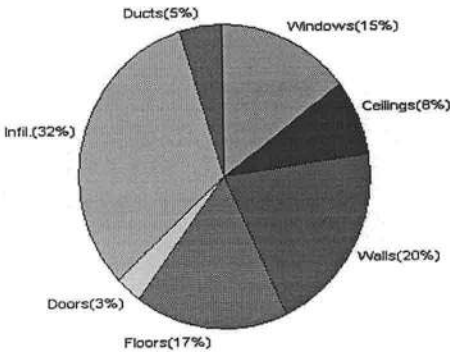
3/21/2005

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation	45343 Btuh	Total cooling load calculation	37666 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	88.2 40000	Sensible (SHR = 0.75)	118.0 30000
Heat Pump + Auxiliary(0.0kW)	88.2 40000	Latent	81.7 10000
		Total (Electric Heat Pump)	106.2 40000

WINTER CALCULATIONS

Winter Heating Load (for 2790 sqft)

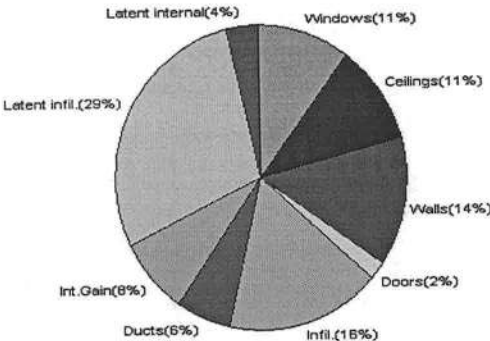
Load component		Load	
Window total	238 sqft	6735	Btuh
Wall total	2750 sqft	9285	Btuh
Door total	78 sqft	1269	Btuh
Ceiling total	2790 sqft	3627	Btuh
Floor total	275 ft	7838	Btuh
Infiltration	336 cfm	14430	Btuh
Subtotal		43184	Btuh
Duct loss		2159	Btuh
TOTAL HEAT LOSS		45343	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2790 sqft)

Load component		Load	
Window total	238 sqft	3990	Btuh
Wall total	2750 sqft	5175	Btuh
Door total	78 sqft	791	Btuh
Ceiling total	2790 sqft	3962	Btuh
Floor total		0	Btuh
Infiltration	313 cfm	6199	Btuh
Internal gain		3000	Btuh
Subtotal(sensible)		23117	Btuh
Duct gain		2312	Btuh
Total sensible gain		25428	Btuh
Latent gain(infiltration)		10857	Btuh
Latent gain(internal)		1380	Btuh
Total latent gain		12237	Btuh
TOTAL HEAT GAIN		37666	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: _____
DATE: _____

System Sizing Calculations - Winter

Residential Load - Component Details

Lake City, FL

Project Title:
The Griffis Residence

Code Only
Professional Version
Climate: North

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

3/21/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	10.0	28.3	283 Btuh
2	2, Clear, Metal, DEF	W	15.0	28.3	424 Btuh
3	2, Clear, Metal, DEF	W	45.0	28.3	1274 Btuh
4	2, Clear, Metal, DEF	S	8.0	28.3	226 Btuh
5	2, Clear, Metal, DEF	S	9.0	28.3	255 Btuh
6	2, Clear, Metal, DEF	S	16.0	28.3	453 Btuh
7	2, Clear, Metal, DEF	S	15.0	28.3	424 Btuh
8	2, Clear, Metal, DEF	E	120.0	28.3	3396 Btuh
Window Total			238		6735 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	11.0	2550	3.5	8925 Btuh
2	Frame - Adjacent	11.0	200	1.8	360 Btuh
Wall Total			2750		9285 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		60	18.3	1100 Btuh
2	Insulated - Adjac		18	9.4	169 Btuh
Door Total			78		1269Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2790	1.3	3627 Btuh
Ceiling Total			2790		3627Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	1	275.0 ft(p)	28.5	7838 Btuh
Floor Total			275		7838 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	27900(sqft)	186	7995 Btuh
	Mechanical			150	6435 Btuh
Infiltration Total				336	14430 Btuh

Totals for Heating	Subtotal	43184 Btuh
	Duct Loss(using duct multiplier of 0.05)	2159 Btuh
	Total Btuh Loss	45343 Btuh

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

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

System Sizing Calculations - Summer

Residential Load - Component Details

Project Title:
The Griffis Residence

Code Only
Professional Version
Climate: North

Lake City, FL

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F 3/21/2005

Window	Type	Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh Ormt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, B, N	N	1.33	7	10.0	0.0	10.0	15	15	150 Btuh
2	2, Clear, DEF, B, N	W	10	7	15.0	15.0	0.0	15	46	225 Btuh
3	2, Clear, DEF, B, N	W	6	7	45.0	31.4	13.6	15	46	1095 Btuh
4	2, Clear, DEF, B, N	S	1.33	4	8.0	8.0	0.0	15	24	120 Btuh
5	2, Clear, DEF, B, N	S	1.33	6	9.0	9.0	0.0	15	24	135 Btuh
6	2, Clear, DEF, B, N	S	1.33	6	16.0	16.0	0.0	15	24	240 Btuh
7	2, Clear, DEF, B, N	S	1.33	7	15.0	15.0	0.0	15	24	225 Btuh
8	2, Clear, DEF, B, N	E	11.3	7	120.0	120.0	0.0	15	46	1800 Btuh
	Window Total				238					3990 Btuh
Walls	Type		R-Value		Area			HTM		Load
1	Frame - Exterior		11.0		2550.0			1.9		4947 Btuh
2	Frame - Adjacent		11.0		200.0			1.1		228 Btuh
	Wall Total				2750.0					5175 Btuh
Doors	Type					Area		HTM		Load
1	Insulated - Exter					60.0		10.1		608 Btuh
2	Insulated - Adjac					18.0		10.1		183 Btuh
	Door Total				78.0					791 Btuh
Ceilings	Type/Color		R-Value		Area			HTM		Load
1	Under Attic/Dark		30.0		2790.0			1.4		3962 Btuh
	Ceiling Total				2790.0					3962 Btuh
Floors	Type		R-Value		Size			HTM		Load
1	Slab-On-Grade Edge Insulation		1.0		275.0 ft(p)			0.0		0 Btuh
	Floor Total				275.0					0 Btuh
Infiltration	Type		ACH		Volume			CFM=		Load
	Natural		0.35		27900			163.1		3229 Btuh
	Mechanical							150		2970 Btuh
	Infiltration Total							313		6199 Btuh
Internal gain			Occupants		Btuh/occupant			Appliance		Load
			6		X 300 +			1200		3000 Btuh

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 05-447
POST OFFICE BOX 1228
LAKE CITY, FL 32056-1228

Inst: 2005012015 Date: 06/01/2005 Time: 15:15

777K - 50 P. Sewell Casan, Columbia County B: 1047 P 22...

PERMIT NO. _____

TAX FOLIO NO.: _____

NOTICE OF COMMENCEMENTSTATE 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 37, CREEKSIDE, a subdivision according to the plat thereof as recorded in Plat Book 7. Pages 124-125 of the public records of Columbia County, Florida.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: TRAVIS R. GRIFFIS and KAREN O. GRIFFIS,
233 SE William Loop, Atp. 104, Lake City, FL 32025

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner): None

4. Contractor: O'Neal Contracting, Inc.
818 Hickory Lane, Lake City, FL 32055

5. Surety n/a

a. Name and address:
b. Amount of bond:6. Lender: PEOPLES STATE BANK
350 SW Main Blvd., Lake City, FL 32025

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

8. In addition to himself, Owner designates LONNIE T. HALTIWANGER, of PEOPLES STATE BANK, 350 SW Main Blvd., Lake City, FL 32025, 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): May 27, 2006.

TRAVIS R. GRIFFIS

KAREN O. GRIFFIS

The foregoing instrument was acknowledged before me this 27th day of May, 2005, by TRAVIS R. GRIFFIS and KAREN O. GRIFFIS, Husband and Wife, who are personally known to me and who did not take an oath.

Notary Public

My commission expires:



CERTIFICATE OF OCCUPANCY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 12-4S-16-02939-137

Building permit No. 000023279

Use Classification SFD & UTLITY

Fire: 41.44

Permit Holder JOHN W. O'NEAL

Waste: 85.75

Owner of Building TRAVIS & KAREN GRIFFIS

Total: 127.19

Location: 339 SW INWOOD COURT, LAKE CITY, FL 32024

Date: 03/31/2006

Harry Dieke

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)





**NOTICE OF INSPECTION
AND/OR TREATMENT**

#23279

Date of Inspection

10/25/05

Date of Treatment

Bora Care

Pesticide Used

sub Termites

Wood-Destroying Organisms Treated

****Notice****

It is a violation of Florida State Law (Chap. 482.226) for anyone other than the property owner to remove this notice.

Address:

Pestmaster Services of Lake City

879 S.W. Arlington Blvd., Suite 106 • Lake City, FL 32025