

DATE 06/07/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000021937

APPLICANT AMY DAWSON PHONE 754-6770  
ADDRESS 1780 E DUVAL ST LAKE CITY FL 32025  
OWNER THREE RIVERS HOUSING PHONE 754-6770  
ADDRESS 2765 SE CR 245 LAKE CITY FL 32025  
CONTRACTOR LIFESTYLE DEVELOPMENT PHONE  
LOCATION OF PROPERTY 100, TR ON CR 245, 2 1/2 MILES, 2ND LOT ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 61600.00  
HEATED FLOOR AREA 1232.00 TOTAL AREA 1604.00 HEIGHT .00 STORIES 1  
FOUNDATION CONC WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB  
LAND USE & ZONING A-3 MAX. HEIGHT 17  
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 14-4S-17-08354-126 SUBDIVISION PRICE CREEK LANDING  
LOT 26 BLOCK PHASE UNIT TOTAL ACRES .54

000000320 N CBC34453  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
PERMIT 04-0529-N BK JK Y  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident  
COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 7546

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 \$ 310.00 CERTIFICATION FEE \$ 8.02 SURCHARGE FEE \$ 8.02  
MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$  
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 401.04

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

7546

**For Office Use Only** Application # 0405-56 Date Received 5/18/04 By Gr Permit # 320/21937  
 Application Approved by - Zoning Official BLK Date 26.05.04 Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_  
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
 Comments \_\_\_\_\_

Applicants Name Amy Dawson Phone 754-6770  
 Address 1780 E Duval St suite 105, Lake City Fl 32025  
 Owners Name Three Rivers Housing Phone 754-6770  
 911 Address 2745 SE CR245 Lake City Fl 32025  
 Contractors Name Lifestyle Develop Phone 850-656-5405  
 Address 2858 Remington green Circle, Tallahassee Fl  
 Fee Simple Owner Name & Address Three Rivers Housing P.O. 15887, Tallahassee  
 Bonding Co. Name & Address \_\_\_\_\_  
 Architect/Engineer Name & Address Freeman Design group, E Duval St  
 Mortgage Lenders Name & Address Southtrust Bank P.O. 809 Dothan, Al

Property ID Number 14-45-17-08 354124 Estimated Cost of Construction 64,000  
 Subdivision Name Price Creek landing Lot 26 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
 Driving Directions 100 to CR245 take Right app 2 1/2 2nd lot on left with Dulpad.

Type of Construction Single Family Number of Existing Dwellings on Property 0  
 Total Acreage .54 Lot Size .5 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
 Actual Distance of Structure from Property Lines - Front 30.4 Side 40.6 Side 53 Rear 97  
 Total Building Height 17 Number of Stories 1 Heated Floor Area 1232 Roof Pitch 5/12

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

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

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

Amy Dawson  
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
 this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.  
 Personally known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

Keith Platt  
 Contractor Signature  
 Contractors License Number CBC34453  
 Competency Card Number \_\_\_\_\_

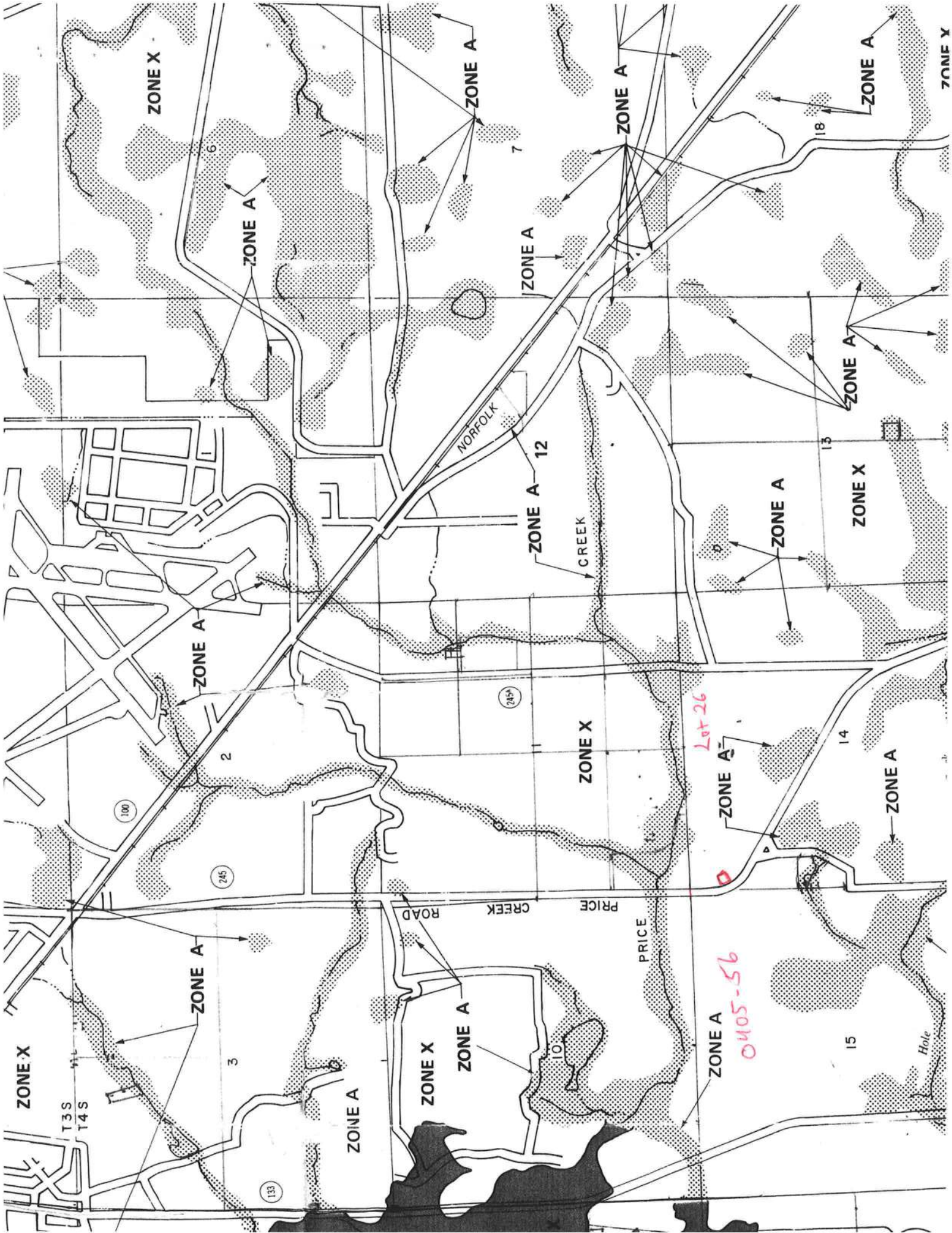
NOTARY STAMP/SEAL

Notary Signature \_\_\_\_\_









PLOT PLAN  
IN SECTION 14,  
TOWNSHIP 4 SOUTH,  
RANGE 17 EAST.  
COLUMBIA COUNTY, FLA.

PRESENT AN ACTUAL BOUNDARY SURVEY.  
THE ORIGINAL PLAT OF RECORDS FOR LOT 26 OF  
PER PLAT THEREOF RECORDED IN PLAT BOOK  
THE PUBLIC RECORDS OF COLUMBIA COUNTY,

"X" AND IS DETERMINED TO BE OUTSIDE THE  
PER FLOOD INSURANCE RATE MAP DATED  
CITY PANEL NO. 120070 0200 B.

S FOLLOWS: 15 FEET IN WIDTH OUTSIDE AND  
GHT-OF-WAY LINES AND 7.5 FEET IN WIDTH ON  
LOT LINES.

RE ESTABLISHED AS FOLLOWS: 30 FEET FROM  
AND 15 FEET FROM ALL OTHER LOT LINES.

COUNTY ROAD NO. 245 (PAVED/PS-8  
(100' PUBLIC RIGHT-OF-WAY)

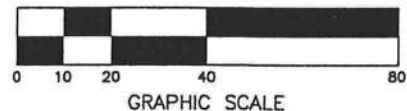
ARC

4708

(HEAD)  
VICE

MENT

ATION



MARK D. DUREN, P.S.M.  
LS 4708

RT. 18 BOX 555  
SISTERS WELCOME ROAD  
LAKE CITY, FLA. 32025  
(386) 758-9831 OFFICE  
(386) 758-8010 FAX

FIELD SURVEY DATE N/A  
DATE DRAWN APRIL 14, 2004  
FOR JESSICA HARRINGTON

FIELD BOOK SEE PAGE FILE  
DRAWN BY BRANDON STUBBS

WO# 04-262

SIGNED: [Signature]  
MARK D. DUREN, LS 4708



Prepared By: James R. Guerino

P.O. Box 15887  
Tall. Fl. 32317

Inst:2004009564 Date:04/27/2004 Time:12:55

DC, P. DeWitt Cason, Columbia County B:1013 P:1926

## NOTICE OF COMMENCEMENT

To whom it may concern:

The undersigned hereby informs you 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 this NOTICE OF COMMENCEMENT.

1. Description of Property: (Legal description and street address, if available). Lot 26 Price Creek Landing as per plat thereof  
Recorded in Clerk's office Columbia County Florida
2. General description of improvements: Single family Home
3. Owner's Information: Name: Three Rivers Housing Foundation, Inc  
Address: P.O. Box 15887  
Interest in Property: Tall. Fl. 32317 fee simple  
Name and Address of fee simple titleholder (if other than owner): \_\_\_\_\_
4. Contractor Information: Name: Lifestyles Development Co.  
Address: 2858 Remington Green Cir. Tall. Fl. 32308  
Fax No.: (850) 656-5226 Telephone No.: (850) 656-5869
5. Surety Information: Name: N/A  
Address: \_\_\_\_\_  
Amount of Bond: \_\_\_\_\_  
Fax No.: \_\_\_\_\_ Telephone No.: \_\_\_\_\_
6. Lender Information: Name: Southtrust Bank  
Address: P.O. Box 809 Dothan AL 36302  
Fax No.: \_\_\_\_\_ Telephone No.: (334) 793-0726
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:  
Name: James R. Guerino  
Address: 3116 Capital Cir. N.E. Tall. Fl. 32308  
Fax No.: \_\_\_\_\_ Telephone No.: (850) 933-0434
8. In addition to himself, owner designates the following person to receive a copy of the lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.  
Name: N/A  
Address: \_\_\_\_\_  
Fax No.: \_\_\_\_\_ Telephone No.: \_\_\_\_\_
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified): \_\_\_\_\_

Three Rivers Housing Foundation - Inc  
James R. Guerino  
SIGNATURE of Owner  
FORREST F. Boone

**LENVIL H. DICKS WATER SYSTEMS**

2250 U. S. 90 WEST

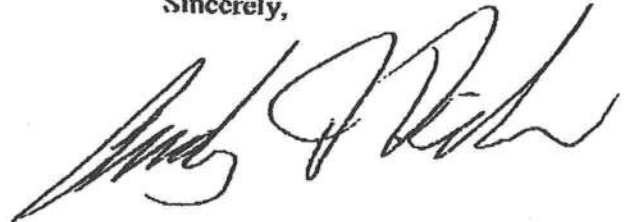
P. O. BOX 1  
LAKE CITY, FL 32056PHONE (904) 752-8585  
EMERGENCY ONLY (904) 752-1820

June 25, 2002

To Whom It May Concern:

The purpose of this letter is to verify that Lot 24 of Price Creek Landing, a recorded subdivision in Columbia County, Florida, is served by our Clayton Smith community water system. This system is regulated by the Florida Public Service Commission and the Florida Department of Environmental Protection under the identification number 2124213. Copies of monthly bacteriological test results are also available at the Columbia County Environmental Health office. Further inquiries should be directed to one of these official agencies.

Sincerely,



Andy J. Dicks

Lifestyles Development Co.  
1981 Capital Circle NE  
Tallahassee, Florida 32308

TO: Lake City / Columbia County Building Department  
FROM: Lifestyles Development Co.  
RE: Authorized Agent  
DATE: October 29, 2002

Please be advised that our company has appointed Amy Dawson to be our Authorized Agent to apply for and sign for building permits with the Lake City / Columbia County Building Department.

Also, be advised that Dennis Futch, our previous Authorized Agent, is no longer, as of this date, authorized to represent our Company. Thank you.

Lifestyles Development Co.  
By   
James R. Guerino, V.P.



# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name:	<b>The Colony Model</b>	Builder:	<b>Wiregrass Properties</b>
Address:	<b>Lot: 26, Sub: Smithfield esta, Plat:</b>	Permitting Office:	<b>Columbia County</b>
City, State:	<b>Lake City, FL 32055-</b>	Permit Number:	<b>21937</b>
Owner:	<b>Wiregrass Properties</b>	Jurisdiction Number:	<b>221000</b>
Climate Zone:	<b>North</b>		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 18.0 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 <sup>2</sup> )	1232 ft <sup>2</sup>		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft <sup>2</sup> 84.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 18.0 kBtu/hr
b. Default tint	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>		HSPF: 6.80
c. Labeled U or SHGC	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 144.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 50.0 gallons
9. Wall types			EF: 0.95
a. Frame, Wood, Exterior	R=13.0, 352.0 ft <sup>2</sup>	b. N/A	
b. Frame, Wood, Exterior	R=13.0, 56.0 ft <sup>2</sup>		
c. Frame, Wood, Adjacent	R=13.0, 168.0 ft <sup>2</sup>	c. Conservation credits	
d. Frame, Wood, Exterior	R=13.0, 352.0 ft <sup>2</sup>	(HR-Heat recovery, Solar	
e. Frame, Wood, Exterior	R=13.0, 224.0 ft <sup>2</sup>	DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits	
a. Under Attic	R=30.0, 1232.0 ft <sup>2</sup>	(CF-Ceiling fan, CV-Cross ventilation,	
b. N/A		HF-Whole house fan,	
c. N/A		PT-Programmable Thermostat,	
11. Ducts		MZ-C-Multizone cooling,	
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 44.0 ft	MZ-H-Multizone heating)	
b. N/A			

Glass/Floor Area: 0.07

Total as-built points: 19010

Total base points: 21846

## PASS

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

PREPARED BY: William H. Lee

DATE: 4/20/04

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: \_\_\_\_\_

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 26, Sub: Smithfield esta, Plat: , Lake City, FL, 32055-

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	1232.0	20.04	4444.1	Double, Clear	W	1.5	6.0	15.0	38.52	0.91	527.8
				Double, Clear	W	1.5	4.0	9.0	38.52	0.82	283.5
				Double, Clear	E	1.5	6.0	30.0	42.06	0.91	1151.8
				Double, Clear	E	1.5	6.0	30.0	42.06	0.91	1151.8
				As-Built Total:			84.0			3114.8	
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	168.0	0.70	117.6	Frame, Wood, Exterior	13.0			352.0	1.50	528.0	
Exterior	984.0	1.70	1672.8	Frame, Wood, Exterior	13.0			56.0	1.50	84.0	
				Frame, Wood, Adjacent	13.0			168.0	0.60	100.8	
				Frame, Wood, Exterior	13.0			352.0	1.50	528.0	
				Frame, Wood, Exterior	13.0			224.0	1.50	336.0	
Base Total:		1152.0	1790.4	As-Built Total:			1152.0			1576.8	
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	20.0	2.40	48.0	Exterior Insulated				40.0	4.10	164.0	
Exterior	40.0	6.10	244.0	Adjacent Insulated				20.0	1.60	32.0	
Base Total:		60.0	292.0	As-Built Total:			60.0			196.0	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	1232.0	1.73	2131.4	Under Attic	30.0			1232.0	1.73 X 1.00	2131.4	
Base Total:		1232.0	2131.4	As-Built Total:			1232.0			2131.4	
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	144.0(p)	-37.0	-5328.0	Slab-On-Grade Edge Insulation	0.0			144.0(p)	-41.20	-5932.8	
Raised	0.0	0.00	0.0								
Base Total:			-5328.0	As-Built Total:			144.0			-5932.8	
INFILTRATION Area X BSPM = Points							Area X SPM = Points				
	1232.0	10.21	12578.7				1232.0	10.21	12578.7		



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

ADDRESS: Lot: 26, Sub: Smithfield esta, Plat: , Lake City, FL, 32055-

PERMIT #:

<b>BASE</b>				<b>AS-BUILT</b>						
<b>Summer Base Points:</b>		<b>15908.6</b>		<b>Summer As-Built Points:</b>					<b>13664.9</b>	
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
<b>15908.6</b>	<b>0.4266</b>		<b>6786.6</b>	13664.9 <b>13664.9</b>	1.000 <b>1.00</b>	(1.081 x 1.147 x 0.91) <b>1.128</b>	0.341 <b>0.341</b>	1.000 <b>1.000</b>		5262.3 <b>5262.3</b>

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 26, Sub: Smithfield esta, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC Overhang Ornt Len Hgt Area X WPM X WOF = Points							
.18	1232.0	12.74	2825.2	Double, Clear	W	1.5	6.0	15.0	20.73	1.02	318.2
				Double, Clear	W	1.5	4.0	9.0	20.73	1.05	196.4
				Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8
				Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8
				As-Built Total: 84.0 1682.2							
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	168.0	3.60	604.8	Frame, Wood, Exterior			13.0	352.0	3.40		1196.8
Exterior	984.0	3.70	3640.8	Frame, Wood, Exterior			13.0	56.0	3.40		190.4
				Frame, Wood, Adjacent			13.0	168.0	3.30		554.4
				Frame, Wood, Exterior			13.0	352.0	3.40		1196.8
				Frame, Wood, Exterior			13.0	224.0	3.40		761.6
Base Total: 1152.0 4245.6				As-Built Total: 1152.0 3900.0							
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	20.0	11.50	230.0	Exterior Insulated				40.0	8.40		336.0
Exterior	40.0	12.30	492.0	Adjacent Insulated				20.0	8.00		160.0
Base Total: 60.0 722.0				As-Built Total: 60.0 496.0							
CEILING TYPESArea X BWPM = Points				Type R-Value Area X WPM X WCM = Points							
Under Attic	1232.0	2.05	2525.6	Under Attic			30.0	1232.0	2.05 X 1.00		2525.6
Base Total: 1232.0 2525.6				As-Built Total: 1232.0 2525.6							
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	144.0(p)	8.9	1281.6	Slab-On-Grade Edge Insulation			0.0	144.0(p)	18.80		2707.2
Raised	0.0	0.00	0.0								
Base Total: 1281.6				As-Built Total: 144.0 2707.2							
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
	1232.0	-0.59	-726.9					1232.0	-0.59		-726.9



# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 26, Sub: Smithfield esta, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
<b>Winter Base Points:</b>		<b>10873.1</b>		<b>Winter As-Built Points:</b>				<b>10584.2</b>		
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
<b>10873.1</b>		<b>0.6274</b>	<b>6821.8</b>	10584.2 <b>10584.2</b>	1.000 <b>1.00</b>	(1.060 x 1.169 x 0.93) <b>1.152</b>	0.501 <b>0.501</b>	1.000 <b>1.000</b>	1.000 <b>1.000</b>	6116.5 <b>6116.5</b>

**WATER HEATING & CODE COMPLIANCE STATUS**

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 26, Sub: Smithfield esta, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE					AS-BUILT					
WATER HEATING					Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume		Bedrooms		Ratio	Multiplier
Bedrooms										Credit = Total
										Multiplier
3		2746.00		8238.0	50.0	0.95	3		1.00	2543.66
										1.00
										7631.0
					As-Built Total:					7631.0

**CODE COMPLIANCE STATUS**

BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating
Points		Points		Points		Points	Points		Points
6787		6822		8238		21846	5262		6117
									7631
									19010

**PASS**



# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 26, Sub: Smithfield esta, Plat: , Lake City, FL, 32055-

PERMIT #:

**6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

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

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

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

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

**ESTIMATED ENERGY PERFORMANCE SCORE\* = 84.9**

**The higher the score, the more efficient the home.**

Wiregrass Properties, Lot: 26, Sub: Smithfield esta, Plat: , Lake City, FL 32055-

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 18.0 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 <sup>2</sup> )	1232 ft <sup>2</sup>	___		___
7. Glass area & type	Single Pane	Double Pane		___
a. Clear - single pane	0.0 ft <sup>2</sup>	84.0 ft <sup>2</sup>	13. Heating systems	
b. Clear - double pane	0.0 ft <sup>2</sup>	0.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 18.0 kBtu/hr
c. Tint/other SHGC - single pane	0.0 ft <sup>2</sup>	0.0 ft <sup>2</sup>		HSPF: 6.80
d. Tint/other SHGC - double pane			b. N/A	___
8. Floor types			c. N/A	___
a. Slab-On-Grade Edge Insulation	R=0.0, 144.0(p) ft	___		___
b. N/A		___	14. Hot water systems	
c. N/A		___	a. Electric Resistance	Cap: 50.0 gallons
9. Wall types				EF: 0.95
a. Frame, Wood, Exterior	R=13.0, 352.0 ft <sup>2</sup>	___	b. N/A	___
b. Frame, Wood, Exterior	R=13.0, 56.0 ft <sup>2</sup>	___		___
c. Frame, Wood, Adjacent	R=13.0, 168.0 ft <sup>2</sup>	___	c. Conservation credits	___
d. Frame, Wood, Exterior	R=13.0, 352.0 ft <sup>2</sup>	___	(HR-Heat recovery, Solar	___
e. Frame, Wood, Exterior	R=13.0, 224.0 ft <sup>2</sup>	___	DHP-Dedicated heat pump)	___
10. Ceiling types			15. HVAC credits	___
a. Under Attic	R=30.0, 1232.0 ft <sup>2</sup>	___	(CF-Ceiling fan, CV-Cross ventilation,	___
b. N/A		___	HF-Whole house fan,	___
c. N/A		___	PT-Programmable Thermostat,	___
11. Ducts			MZ-C-Multizone cooling,	___
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 44.0 ft	___	MZ-H-Multizone heating)	___
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 EnergyStar<sup>TM</sup> 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](http://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 v3.30)

# Residential System Sizing Calculation

## Summary

Wiregrass Properties  
Perry Street  
Lake City, FL 32055-

Project Title:  
The Colony Model

Code Only  
Professional Version  
Climate: North

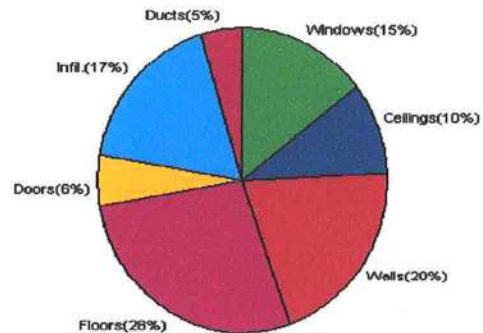
4/19/2004

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	23 F
<b>Total heating load calculation</b>	<b>16374 Btuh</b>	<b>Total cooling load calculation</b>	<b>16019 Btuh</b>
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	109.9 18000	Sensible (SHR = 0.5)	71.2 9000
Heat Pump + Auxiliary(0.0kW)	109.9 18000	Latent	266.4 9000
		Total (Electric Heat Pump)	112.4 18000

## WINTER CALCULATIONS

Winter Heating Load (for 1232 sqft)

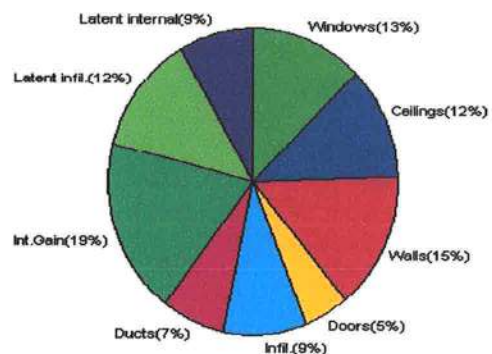
Load component	Load
Window total 84 sqft	2377 Btuh
Wall total 1152 sqft	3319 Btuh
Door total 60 sqft	921 Btuh
Ceiling total 1232 sqft	1602 Btuh
Floor total 144 ft	4550 Btuh
Infiltration 66 cfm	2824 Btuh
<b>Subtotal</b>	<b>15594 Btuh</b>
Duct loss	780 Btuh
<b>TOTAL HEAT LOSS</b>	<b>16374 Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 1232 sqft)

Load component	Load
Window total 84 sqft	2016 Btuh
Wall total 1152 sqft	2348 Btuh
Door total 60 sqft	749 Btuh
Ceiling total 1232 sqft	1922 Btuh
Floor total	0 Btuh
Infiltration 58 cfm	1457 Btuh
Internal gain	3000 Btuh
<b>Subtotal(sensible)</b>	<b>11492 Btuh</b>
Duct gain	1149 Btuh
<b>Total sensible gain</b>	<b>12641 Btuh</b>
Latent gain(infiltration)	1998 Btuh
Latent gain(internal)	1380 Btuh
<b>Total latent gain</b>	<b>3378 Btuh</b>
<b>TOTAL HEAT GAIN</b>	<b>16019 Btuh</b>



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: Will H. From

DATE: 4/20/04



# System Sizing Calculations - Winter

## Residential Load - Component Details

Wiregrass Properties  
Perry Street  
Lake City, FL 32055-

Project Title:  
The Colony Model

Code Only  
Professional Version  
Climate: North

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

4/19/2004

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	15.0	28.3	424 Btuh
2	2, Clear, Metal, DEF	N	9.0	28.3	255 Btuh
3	2, Clear, Metal, DEF	S	30.0	28.3	849 Btuh
4	2, Clear, Metal, DEF	S	30.0	28.3	849 Btuh
Window Total			84		2377 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	352	3.1	1091 Btuh
2	Frame - Exterior	13.0	56	3.1	174 Btuh
3	Frame - Adjacent	13.0	168	1.6	269 Btuh
4	Frame - Exterior	13.0	352	3.1	1091 Btuh
5	Frame - Exterior	13.0	224	3.1	694 Btuh
Wall Total			1152		3319 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		40	18.3	733 Btuh
2	Insulated - Adjac		20	9.4	188 Btuh
Door Total			60		921 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1232	1.3	1602 Btuh
Ceiling Total			1232		1602 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	144.0 ft(p)	31.6	4550 Btuh
Floor Total			144		4550 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	9856(sqft)	66	2824 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				66	2824 Btuh

<b>Totals for Heating</b>	<b>Subtotal</b>	<b>15594 Btuh</b>
	<b>Duct Loss(using duct multiplier of 0.05)</b>	<b>780 Btuh</b>
	<b>Total Btuh Loss</b>	<b>16374 Btuh</b>

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

Wiregrass Properties  
Perry Street  
Lake City, FL 32055-

Project Title:  
The Colony Model

Code Only  
Professional Version  
Climate: North

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 4/19/2004

Window	Type	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	N	1.5	6	15.0	0.0	15.0	24	24	360	Btuh
2	2, Clear, DEF, N, N	N	1.5	4	9.0	0.0	9.0	24	24	216	Btuh
3	2, Clear, DEF, N, N	S	1.5	6	30.0	30.0	0.0	24	39	720	Btuh
4	2, Clear, DEF, N, N	S	1.5	6	30.0	30.0	0.0	24	39	720	Btuh
Window Total					84					2016	Btuh
Walls	Type		R-Value		Area			HTM		Load	
1	Frame - Exterior			13.0			352.0		2.1	753	Btuh
2	Frame - Exterior			13.0			56.0		2.1	120	Btuh
3	Frame - Adjacent			13.0			168.0		1.4	242	Btuh
4	Frame - Exterior			13.0			352.0		2.1	753	Btuh
5	Frame - Exterior			13.0			224.0		2.1	479	Btuh
Wall Total							1152.0			2348	Btuh
Doors	Type		R-Value		Area			HTM		Load	
1	Insulated - Exter						40.0		12.5	499	Btuh
2	Insulated - Adjac						20.0		12.5	250	Btuh
Door Total							60.0			749	Btuh
Ceilings	Type/Color		R-Value		Area			HTM		Load	
1	Under Attic/Dark			30.0			1232.0		1.6	1922	Btuh
Ceiling Total							1232.0			1922	Btuh
Floors	Type		R-Value		Size			HTM		Load	
1	Slab-On-Grade Edge Insulation			0.0			144.0 ft(p)		0.0	0	Btuh
Floor Total							144.0			0	Btuh
Infiltration	Type		ACH		Volume			CFM=		Load	
	Natural			0.35			9856		57.6	1457	Btuh
	Mechanical								0	0	Btuh
Infiltration Total									58	1457	Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	6	X 300 +	1200	3000 Btuh

Totals for Cooling	Subtotal	11492 Btuh
	Duct gain(using duct multiplier of 0.10)	1149 Btuh
	Total sensible gain	12641 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	1998 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
TOTAL GAIN		16019 Btuh

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Wiregrass Properties  
Perry Street  
Lake City, FL 32055-

Project Title:  
The Colony Model

Code Only  
Professional Version  
Climate: North

4/19/2004

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



# Columbia County Building Department Culvert Permit

**Culvert Permit No.**  
**000000320**

DATE 06/07/2004 PARCEL ID # 14-4S-17-08354-126  
APPLICANT AMY DAWSON PHONE 754-6770  
ADDRESS 1780 E DUVAL STREET SUITE 105 LAKE CITY FL 32025  
OWNER THREE RIVERS HOUSING PHONE 754-6770  
ADDRESS 2765 SE CR 245 LAKE CITY FL 32025  
CONTRACTOR LIFESTYLES DEVELOPMENT PHONE 850 656-5669  
LOCATION OF PROPERTY 100, TR ON CR 245, 2 1/2 MILES, 2ND LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PRICE CREEK LANDING 26

SIGNATURE



## 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



# COLUMBIA COUNTY OR 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 14-4S-17-08354-126

Building permit No. 000021937

Use Classification SFD, UTILITY

Fire: 68.00

Permit Holder LIFESTYLE DEVELOPMENT

Waste: 147.00

Owner of Building THREE RIVERS HOUSING

Total: 215.00

Location: 2765 SE CR 245, LAKE CITY, FL 32025

Date: 10/29/2004



*[Signature]*

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)

Notice of Preventative Treatments for Termites  
(as required by Florida Building Code (FBC) 104.2.6)

21937

Florida Discount Pest Control Inc.  
"District Office"  
12562 Spring Warrior Rd. Perry, FL 32348  
(800) 844-8039

2765 SE CR 245

Address of Treatment or Lot / Block of Treatment

9/28/04

Date

10 AM

Time

J. Bashaw

Applicator

Termidor

Product Used

Fipronil

Chemical used (active ingredient)

50 gals.

Number of gallons applied

06

Percent Concentration

1604

Area treated (square feet)

Linear feet treated

Vertical

Stage of treatment (Horizontal, Vertical, Adjoining Slab, retreat of disturbed area)

As per 104.2.6 - If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial and date this line

JB 9/28/04



# 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 14-4S-17-08354-126

Building permit No. 000021937

Use Classification SFD, UTILITY

Fire: 68.00

Permit Holder LIFESTYLE DEVELOPMENT

Waste: 147.00

Owner of Building THREE RIVERS HOUSING

Total: 215.00

Location: 2765 SE CR 245, LAKE CITY, FL 32025

Date: 10/29/2004



*[Signature]*

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)