

DATE 04/29/2004

# Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000021808

APPLICANT FREDRICK PERRY PHONE 752-2832  
ADDRESS RT 4 BOX 288 LAKE CITY FL 32024  
OWNER CATHERINE BRYAN PHONE 752-2832  
ADDRESS 139 SW AMESBURY COURT LAKE CITY FL 32024  
CONTRACTOR FREDRICK PERRY PHONE \_\_\_\_\_  
LOCATION OF PROPERTY 90W, TL SISTER'S WELCOME ROAD, TR INTO STONEHENGE, TL ON  
AMESBURY COURT, 3RD ON LEFT  
TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 93650.00  
HEATED FLOOR AREA 1873.00 TOTAL AREA 2521.00 HEIGHT .00 STORIES 1  
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB  
LAND USE & ZONING RSF-2 MAX. HEIGHT 16  
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00  
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 23-4S-16-03099-105 SUBDIVISION STONEHENGE  
LOT 5 BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES .50

000000292 N RB0050165 Fredrick Perry  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
PERMIT 04-0404-N BK HD 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 4503

## 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 \$ 470.00 CERTIFICATION FEE \$ 12.61 SURCHARGE FEE \$ 12.61  
MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ \_\_\_\_\_ WASTE FEE \$ \_\_\_\_\_  
FLOOD ZONE DEVELOPMENT FEE \$ \_\_\_\_\_ CULVERT FEE \$ 25.00 TOTAL FEE 570.22

INSPECTORS OFFICE [Signature] CLERKS OFFICE CH

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

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

### This Permit Must Be Prominently Posted on Premises During Construction

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

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



# Columbia County Building Permit Application

**For Office Use Only** Application # 0404.22 Date Received 4/5 By G Permit # 292/21808  
Application Approved by - Zoning Official \_\_\_\_\_ Date \_\_\_\_\_ Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_  
Flood Zone X Development Permit \_\_\_\_\_ Zoning RSF-2 Land Use Plan Map Category \_\_\_\_\_  
Comments \_\_\_\_\_

Applicants Name Fredrick L. Perry Phone (386) 752-2832  
Address Rt 4 Bx 288 Lake City, FL 32024  
Owners Name Catherine H. Bryan Phone (386) 719-8849  
911 Address 139 S.W. Amesbury Court, Lake City FL  
Contractors Name Fredrick L. Perry Phone (386) 752-2832  
Address Rt. 4 Bx 288 Lake City, FL  
Fee Simple Owner Name & Address Catherine H. Bryan 185 SW. Truffles Glen  
Bonding Co. Name & Address NA  
Architect/Engineer Name & Address Mark Disosway POB 868 Lake City, FL 32056  
Mortgage Lenders Name & Address NA  
Property ID Number 03099-105 23-45-16 Estimated Cost of Construction \_\_\_\_\_  
Subdivision Name Stonehenge Lot 5 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions Take 90 W, Turn Left on Sister's Welcome Rd, Turn Rt. into Stonehenge Subdivision, 1st Road to left, only Bldg on Const on Left  
Type of Construction SFD Number of Existing Dwellings on Property \_\_\_\_\_  
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 27' Side 11' Side 42' Rear 84'  
Total Building Height 16'2" Number of Stories 1 Heated Floor Area 1873 Roof Pitch 6/12

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

Fredrick L. Perry  
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 \_\_\_\_\_

Fredrick L. Perry  
Contractor Signature  
Contractors License Number RB0050165  
Competency Card Number 5349

NOTARY STAMP/SEAL

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

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name:	<b>Bryan Residence</b>	Builder:	<b>F. Perry</b>
Address:	<b>Lot: 5, Sub: Stonehenge Ph1, Plat:</b>	Permitting Office:	<b>Columbia Co.</b>
City, State:	<b>Lake City, FL 32055-</b>	Permit Number:	<b>21808</b>
Owner:	<b>C. Bryan</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: 35.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	1873 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> 185.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 35.0 kBtu/hr
b. Default tint	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>		HSPF: 7.90
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, 198.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 30.0 gallons
9. Wall types			EF: 0.90
a. Frame, Wood, Exterior	R=11.0, 1336.0 ft <sup>2</sup>	b. N/A	
b. N/A		c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	PT, CF,
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1873.0 ft <sup>2</sup>	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 50.0 ft		
b. N/A			

Glass/Floor Area: 0.10

Total as-built points: 23199

Total base points: 27728

## PASS

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

PREPARED BY: Tim Delbene  
DATE: 3/11/04

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

OWNER/AGENT: [Signature]  
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: 5, Sub: Stonehenge Ph1, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT								
GLASS TYPES												
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points				
.18	1873.0	20.04	6756.3	Double, Clear	N	2.0	7.0	15.0	19.20	0.92	265.6	
				Double, Clear	N	2.0	5.0	16.0	19.20	0.87	267.6	
				Double, Clear	N	2.0	5.0	9.0	19.20	0.87	150.5	
				Double, Clear	E	2.0	3.0	15.0	42.06	0.63	397.9	
				Double, Clear	E	2.0	7.0	45.0	42.06	0.89	1676.9	
				Double, Clear	S	2.0	8.0	32.0	35.87	0.86	982.7	
				Double, Clear	S	2.0	5.0	8.0	35.87	0.72	207.6	
				Double, Clear	W	2.0	7.0	15.0	38.52	0.89	512.4	
				Double, Clear	W	8.0	7.0	30.0	38.52	0.50	573.4	
				As-Built Total:							185.0	5034.5
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	11.0			1336.0	1.70	2271.2		
Exterior	1336.0	1.70	2271.2									
Base Total:				1336.0			2271.2					
				As-Built Total:							1336.0	2271.2
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points				
Adjacent	21.0	2.40	50.4	Exterior Insulated				21.0	4.10	86.1		
Exterior	42.0	6.10	256.2	Adjacent Insulated				21.0	1.60	33.6		
				Exterior Insulated				21.0	4.10	86.1		
Base Total:				63.0			306.6					
				As-Built Total:			63.0			205.8		
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points				
Under Attic	1873.0	1.73	3240.3	Under Attic	30.0			1873.0	1.73 X 1.00	3240.3		
Base Total:				1873.0			3240.3					
				As-Built Total:			1873.0			3240.3		
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points				
Slab	198.0(p)	-37.0	-7326.0	Slab-On-Grade Edge Insulation	0.0			198.0(p)	-41.20	-8157.6		
Raised	0.0	0.00	0.0									
Base Total:				-7326.0			198.0			-8157.6		
				As-Built Total:			198.0			-8157.6		
INFILTRATION Area X BSPM = Points							Area X SPM = Points					
	1873.0	10.21	19123.3				1873.0	10.21	19123.3			

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

ADDRESS: Lot: 5, Sub: Stonehenges Ph1, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 24371.7				Summer As-Built Points: 21717.5						
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
24371.7		0.4266	10397.0	21717.5		1.00	(1.090 x 1.147 x 0.91)	0.341	0.902	7610.7
				21717.5		1.00	1.138	0.341	0.902	7610.7



# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, Sub: Stonehenge Ph1, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang		Area X WPM X WOF = Points				
				Ornt	Len	Hgt					
.18	1873.0	12.74	4295.2	Double, Clear	N	2.0	7.0	15.0	24.58	1.00	369.9
				Double, Clear	N	2.0	5.0	16.0	24.58	1.01	395.8
				Double, Clear	N	2.0	5.0	9.0	24.58	1.01	222.7
				Double, Clear	E	2.0	3.0	15.0	18.79	1.18	333.1
				Double, Clear	E	2.0	7.0	45.0	18.79	1.05	884.1
				Double, Clear	S	2.0	8.0	32.0	13.30	1.12	475.6
				Double, Clear	S	2.0	5.0	8.0	13.30	1.40	149.0
				Double, Clear	W	2.0	7.0	15.0	20.73	1.03	320.6
				Double, Clear	W	8.0	7.0	30.0	20.73	1.18	735.2
				As-Built Total:				185.0		3886.0	
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	11.0		1336.0	3.70		4943.2	
Exterior	1336.0	3.70	4943.2								
Base Total: 1336.0 4943.2				As-Built Total:				1336.0		4943.2	
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	21.0	11.50	241.5	Exterior Insulated	21.0 8.40 176.4						
Exterior	42.0	12.30	516.6	Adjacent Insulated	21.0 8.00 168.0						
				Exterior Insulated	21.0 8.40 176.4						
Base Total: 63.0 758.1				As-Built Total:				63.0		520.8	
CEILING TYPESArea X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1873.0	2.05	3839.6	Under Attic	30.0		1873.0	2.05 X 1.00		3839.6	
Base Total: 1873.0 3839.6				As-Built Total:				1873.0		3839.6	
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	198.0(p)	8.9	1762.2	Slab-On-Grade Edge Insulation	0.0		198.0(p)	18.80		3722.4	
Raised	0.0	0.00	0.0								
Base Total: 1762.2				As-Built Total:				198.0		3722.4	
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1873.0 -0.59 -1105.1				1873.0 -0.59 -1105.1							

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, Sub: Stonehenges Ph1, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE			AS-BUILT						
Winter Base Points:		14493.2	Winter As-Built Points:						15807.0
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	
14493.2	0.6274	9093.1	15807.0	1.000	(1.069 x 1.169 x 0.93)	0.432	0.950	7533.1	
			15807.0	1.00	1.162	0.432	0.950	7533.1	

**WATER HEATING & CODE COMPLIANCE STATUS**

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, Sub: Stonehenge Ph1, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	Multiplier X Credit Multiplier	= Total
3		2746.00	8238.0	30.0	0.90	3	1.00	2684.98	8054.9
				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
10397		9093		8238 27728	7611		7533		8055 23199

**PASS**



# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 5, Sub: Stonehenge Ph1, 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.	N/A
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%.	N/A
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.	✓

## COLUMBIA COUNTY BUILDING DEPARTMENT

### RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 ONE (1) AND TWO (2) FAMILY DWELLINGS ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

**APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

#### **GENERAL REQUIREMENTS:** Two (2) complete sets of plans containing the following:

**Applicant**

**Plans Examiner**

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All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.

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Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.

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**Site Plan including:**

- a) Dimensions of lot
- b) Dimensions of building set backs
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- d) Provide a full legal description of property.

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**Wind-load Engineering Summary, calculations and any details required**

- a) Plans or specifications must state compliance with FBC Section 1606
- b) The following information must be shown as per section 1606.1.7 FBC
  - a. Basic wind speed (MPH)
  - b. Wind importance factor (I) and building category
  - c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
  - d. The applicable internal pressure coefficient
  - e. Components and Cladding. The design wind pressure in terms of psf (kN/m<sup>2</sup>), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

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**Elevations including:**

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation
- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- f) Building height
- e) Number of stories

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**Floor Plan including:**

- ☐ a) Rooms labeled and dimensioned
- ☐ b) Shear walls
- ☐ c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- ☐ d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- ☐ e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- ☐ f) Must show and identify accessibility requirements (accessible bathroom)

**Foundation Plan including:**

- ☐ a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- ☐ b) All posts and/or column footing including size and reinforcing
- ☐ c) Any special support required by soil analysis such as piling
- ☐ d) Location of any vertical steel

**Roof System:**

- ☐ a) Truss package including:
  - 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
  - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- ☐ b) Conventional Framing Layout including:
  - 1. Rafter size, species and spacing
  - 2. Attachment to wall and uplift
  - 3. Ridge beam sized and valley framing and support details
  - 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

**Wall Sections including:**

- ☐ a) Masonry wall
  - 1. All materials making up wall
  - 2. Block size and mortar type with size and spacing of reinforcement
  - 3. Lintel, tie-beam sizes and reinforcement
  - 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
  - 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
  - 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
  - 7. Fire resistant construction (if required)
  - 8. Fireproofing requirements
  - 9. Shoe type of termite treatment (termiticide or alternative method)
  - 10. Slab on grade
    - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
    - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
  - 11. Indicate where pressure treated wood will be placed
  - 12. Provide insulation R value for the following:
    - a. Attic space
    - b. Exterior wall cavity
    - c. Crawl space (if applicable)

☐ ☒ b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
  - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
  - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
  - a. Attic space
  - b. Exterior wall cavity
  - c. Crawl space (if applicable)

☐ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

**Floor Framing System:**

- ☐ ☒ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- ☐ ☐ b) Floor joist size and spacing
- ☐ ☒ c) Girder size and spacing
- ☐ ☒ d) Attachment of joist to girder
- ☐ ☐ e) Wind load requirements where applicable

**Plumbing Fixture layout**

**Electrical layout including:**

- ☐ ☒ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- ☐ ☒ b) Ceiling fans
- ☐ ☒ c) Smoke detectors
- ☐ ☒ d) Service panel and sub-panel size and location(s)
- ☐ ☒ e) Meter location with type of service entrance (overhead or underground)
- ☐ ☒ f) Appliances and HVAC equipment
- ☐ ☒ g) Arc Fault Circuits (AFCI) in bedrooms

**HVAC information**

- ☐ ☒ a) Manual J sizing equipment or equivalent computation
- ☐ ☒ b) Exhaust fans in bathroom

**Energy Calculations** (dimensions shall match plans)

**Gas System** Type (LP or Natural) Location and BTU demand of equipment

**Disclosure Statement for Owner Builders**

**Notice Of Commencement**

**Private Potable Water**

- ☐ ☒ a) Size of pump motor
- ☐ ☒ b) Size of pressure tank
- ☐ ☒ c) Cycle stop valve if used



## **THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS**

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)
4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit.
5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**  
A development permit will also be required. Development permit cost is \$10.00
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 758-8787

**ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS – PLEASE DO NOT ASK**

# **NOTICE:**

## **ADDRESSES BY APPOINTMENT ONLY!**

**TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:**

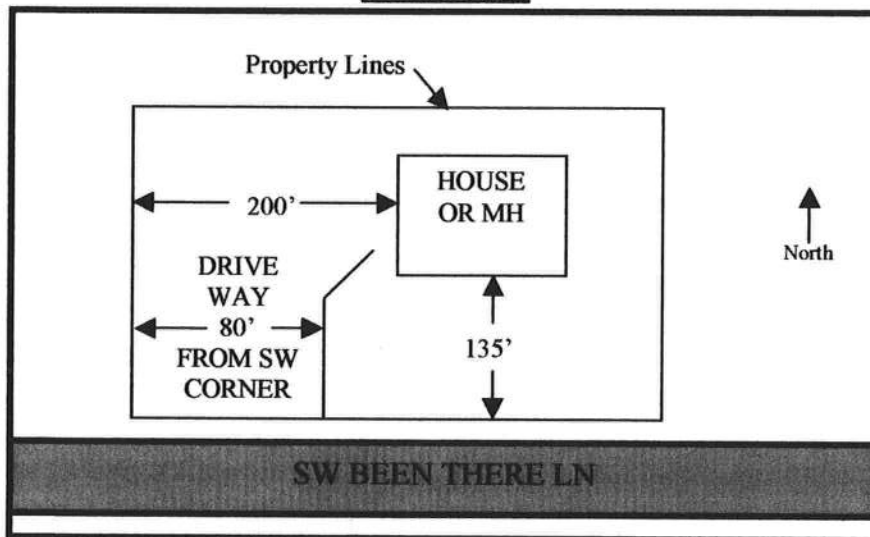
## **YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!**

**THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).**

### **THE REQUESTER WILL NEED THE FOLLOWING:**

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123") FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
  - a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
  - b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
  - c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

### **SAMPLE:**



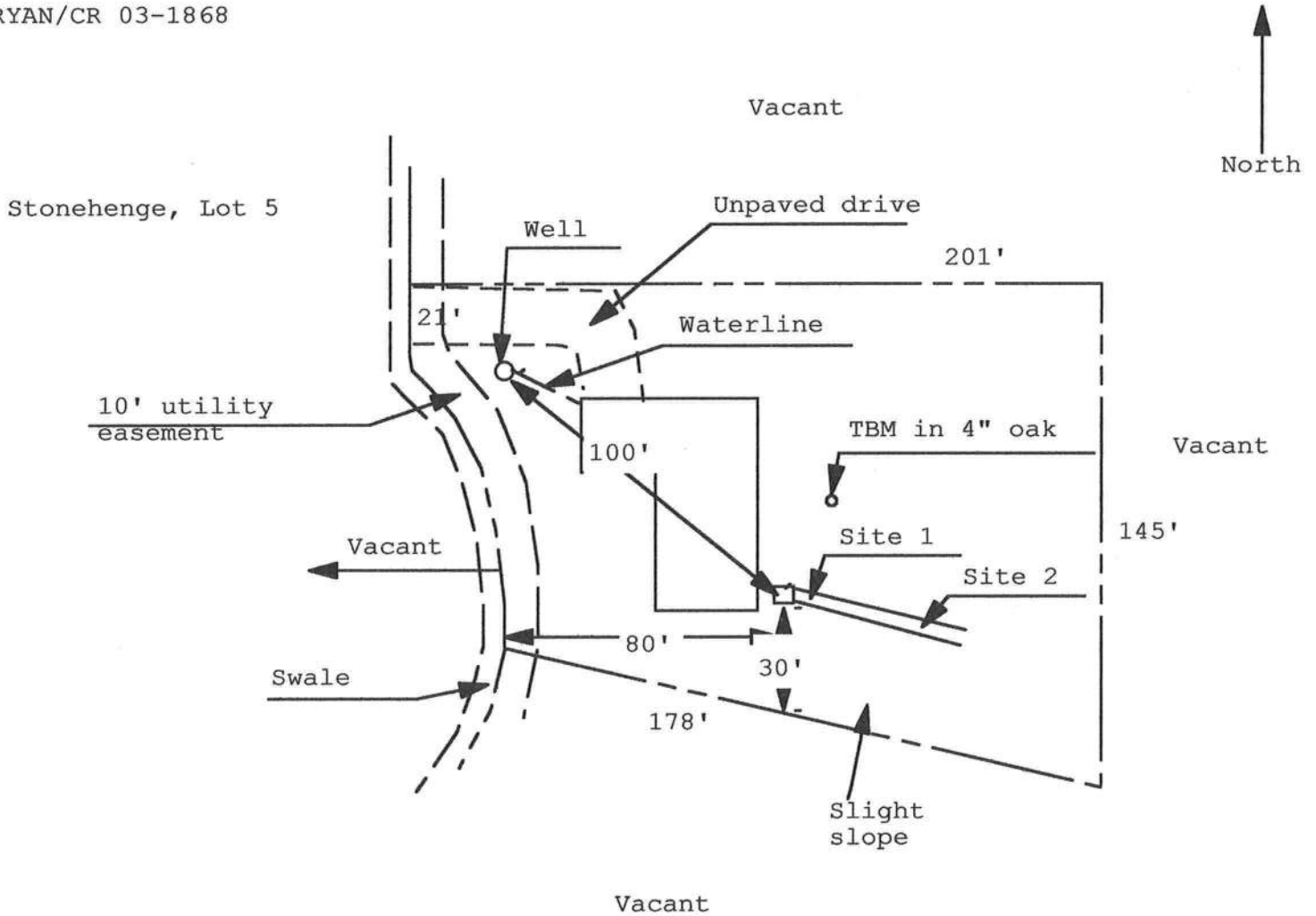
**NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.**

0404-22

**Application for Onsite Sewage Disposal System  
Construction Permit. Part II Site Plan**  
**Permit Application Number:** 04-0404N

**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT**

BRYAN/CR 03-1868



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 3/16/04  
Plan Approved Not Approved Date 3/16/04

By Paul Lloyd Mr. J. R. CPHU  
4-8-04

Notes: \_\_\_\_\_

**NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA**

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.

Tax Parcel ID Number 03099-105

1. Description of property: (legal description of the property and street address or 911 address)  
Lot 5 Stonehenge, 139 SW Amesbury Court  
Inst: 2004007580 Date: 04/05/2004 Time: 14:51  
MCK DC, P. DeWitt Cason, Columbia County B: 1011 P: 1764
2. General description of Improvement: New Const. S/F Dwelling
3. Owner Name & Address Catherine H. Bryan 185 S.W. Truffles Glen  
Lake City, FL 32024 Interest In Property owner
4. Name & Address of Fee Simple Owner (if other than owner): \_\_\_\_\_
5. Contractor Name Fredrick L. Perry Phone Number (386) 752-2832  
Address Rt. 4 Box 288 Lake City, FL 32024
6. Surety Holders Name NA Phone Number \_\_\_\_\_  
Address \_\_\_\_\_  
Amount of Bond NA
7. Lender Name NA Phone Number \_\_\_\_\_  
Address \_\_\_\_\_
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:  
Name NA Phone Number \_\_\_\_\_  
Address \_\_\_\_\_
9. In addition to himself/herself the owner designates NA of \_\_\_\_\_  
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -  
(a) 7. Phone Number of the designee \_\_\_\_\_
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) \_\_\_\_\_

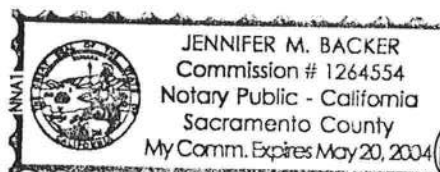
**NOTICE AS PER CHAPTER 713, Florida Statutes:**

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

State of California County of Sacramento  
Sworn to (or affirmed) and subscribed before  
this 30<sup>th</sup> day of March, 20 04

NOTARY STAMP/SEAL

Catherine H. Bryan 3/30/04  
Signature of Owner



Jennifer M. Backer  
Signature of Notary



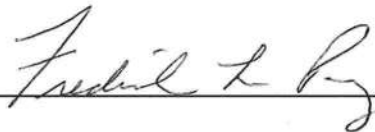
# Columbia County Building Department Culvert Permit

**Culvert Permit No.**  
**000000292**

DATE 04/29/2004 PARCEL ID # 23-4S-16-03099-105  
APPLICANT FREDRICK PERRY PHONE 752-2832  
ADDRESS RT 4 BOX 288 LAKE CITY FL 32024  
OWNER CATHERINE BRYAN PHONE 719-8849  
ADDRESS 139 SW AMESBURY COURT LAKE CITY FL 32024  
CONTRACTOR FREDRICK PERRY PHONE 752-2832  
LOCATION OF PROPERTY 90W, TL ON SISTER'S WECOME RD, TR INTO TONEHNGE, TL ON AMESBURY  
COURT, 3RD ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT STONEHENGE 5

SIGNATURE



## INSTALLATION REQUIREMENTS

☒ X

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



# Notice of Treatment

**Applicator** Florida Pest Control & Chemical Co.

**Address** 536 SE Baya DR.

**City** L.C.

**Phone** 752-1703

**Site Location** Subdivision \_\_\_\_\_

**Lot#** 5

**Block#** —

**Permit#** ~~1008~~ 21808

**Address** 139 SW Amesbury CT

## AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	5-18-04	12.45	450	Andy
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

**Name of Product Applied** Dursban TC

.5 %

**Remarks** Exterior perimeter not complete

# COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING 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 23-4S-16-03099-105

Building permit No. 000021808

Use Classification SFD, UTILITY

Fire: 68.00

Permit Holder FREDRICK PERRY

Waste: 147.00

Owner of Building CATHERINE BRYAN

Total: 215.00

Location: 139 SW AMESBURY CT (STONEHENGE, LOT 5

Date: 10/11/2004



*Harry Dieker*

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)