

DATE 01/13/2004

# Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000021415

APPLICANT JONATHAN PERRY PHONE 719-7192  
ADDRESS 373 NW OLD MILL DRIVE LAKE CITY FL 32055  
OWNER JONATHAN PERRY PHONE 719-7192  
ADDRESS 373 NW OLD MILL DRIVE LAKE CITY FL 32055  
CONTRACTOR JONATHAN PERRY CONSTRUCTION PHONE  
LOCATION OF PROPERTY SISTER'S WELCOME ROAD, TR INTO STONEHENDGE, 1ST HOUSE ON  
RIGHT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 93650.00  
HEATED FLOOR AREA 1873.00 TOTAL AREA 2431.00 HEIGHT .00 STORIES 1  
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB  
LAND USE & ZONING RSF-2 MAX. HEIGHT 18  
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 23-4 -16-03099-119 SUBDIVISION STONEHENDGE  
LOT 19 BLOCK PHASE 1 UNIT TOTAL ACRES

000000169 CBC058042  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
PERMIT 03-1051-N BK JK  
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 1004

## 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 \$ 470.00 CERTIFICATION FEE \$ 12.16 SURCHARGE FEE \$ 12.16  
MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$  
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 569.32

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.



# Building Permit Application

Date 11-26-03

BL: Per Jonathan: Danny Spole with Johnny  
ABOUT THIS LOT.

Application No. 21415 164

Applicants Name & Address Jonathan D. Perry Const. Phone 719-7192  
373 NW Old Mill Dr, Lake City 32055  
 Owners Name & Address Spec House Phone \_\_\_\_\_  
 Fee Simple Owners Name & Address \_\_\_\_\_ Phone \_\_\_\_\_  
 Contractors Name & Address Jonathan D. Perry Const Phone 719-7192  
 Legal Description of Property Township 23 Sect. 4 South Range 16 East  
Stonehenge sp Lot 19-Phase 2-1  
 Location of Property of Sisters welcome to Stonehenge first house on (R)  
 Driving Directions \_\_\_\_\_  
 Tax Parcel Identification No. 23-48-16-03099-000 Estimated Cost of Construction \$ 90,000.00  
 Type of Development Single Detached SFD Number of Existing Dwellings on Property 0  
 Comprehensive Plan Map Category Res. Low Dens 2 D4 rez Zoning Map Category RSF-2  
 Building Height 16' Number of Stories 1 Floor Area 1877 Total Acreage in Development \_\_\_\_\_  
 Distance From Property Lines (Set Backs) Front 25 Side 10 Rear 25 Street 25  
 Flood Zone X Certification Date \_\_\_\_\_ Development Permit \_\_\_\_\_  
 Bonding Company Name & Address \_\_\_\_\_  
 Architect/Engineer Name & Address Nick Geisler 755-6608  
 Mortgage Lenders Name & Address N/A

Application is hereby made to obtain a permit to do the 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 will 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 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.

[Signature]  
Owner or Agent (including contractor)

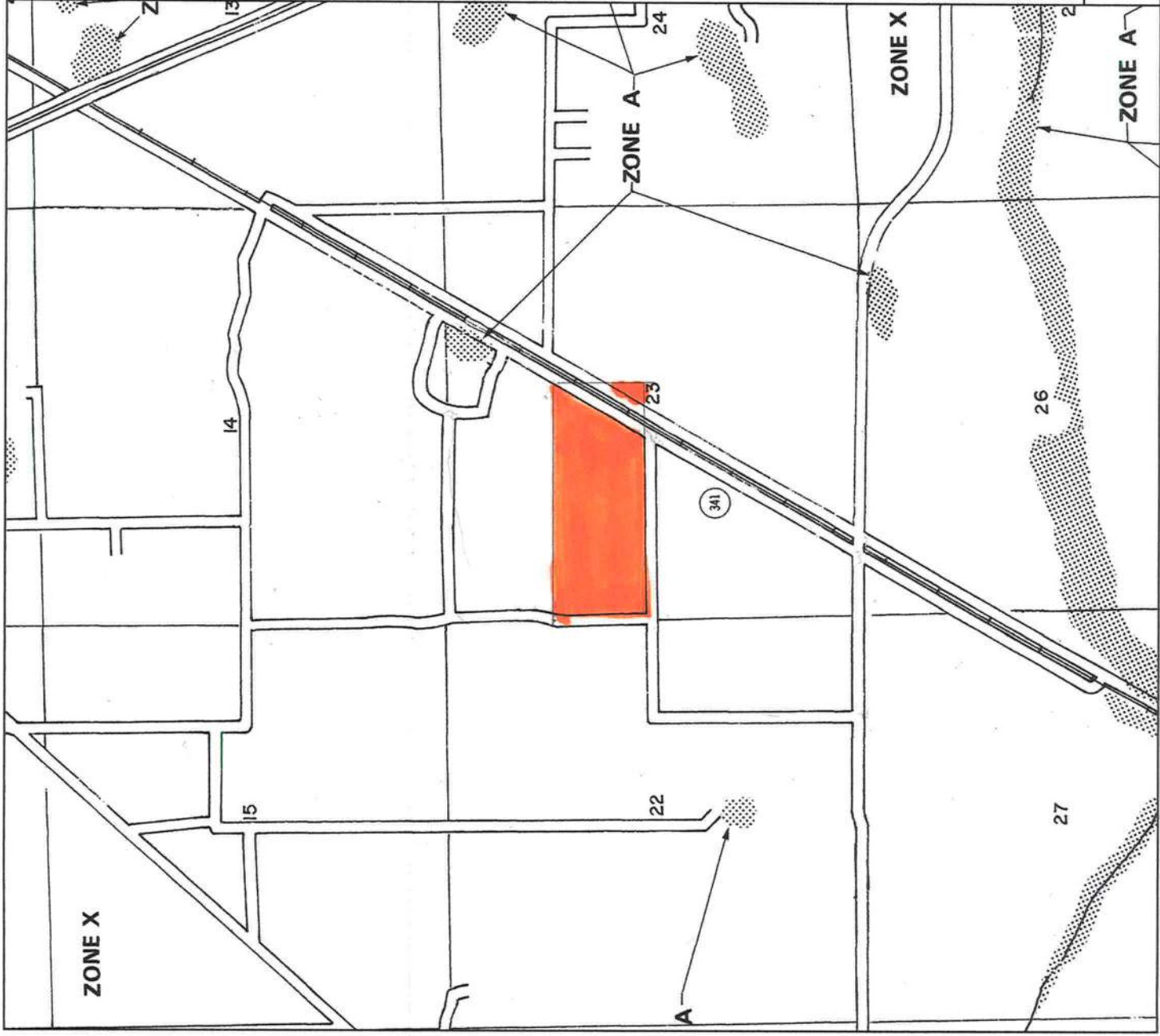
[Signature]  
Contractor  
CB C 058042  
Contractor License Number

STATE OF FLORIDA  
COUNTY OF COLUMBIA  
Sworn to (or affirmed) and subscribed before me  
this \_\_\_\_\_ day of \_\_\_\_\_ by \_\_\_\_\_

Personally Known \_\_\_\_\_ OR Produced Identification

STATE OF FLORIDA  
COUNTY OF COLUMBIA  
Sworn to (or affirmed) and subscribed before me  
this \_\_\_\_\_ day of \_\_\_\_\_ by \_\_\_\_\_

Personally Known \_\_\_\_\_ OR Produced Identification



APPROXIMATE SCALE IN FEET  
2000 0 2000

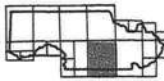
NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

COLUMBIA  
COUNTY,  
FLORIDA  
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER  
120070 0175 B

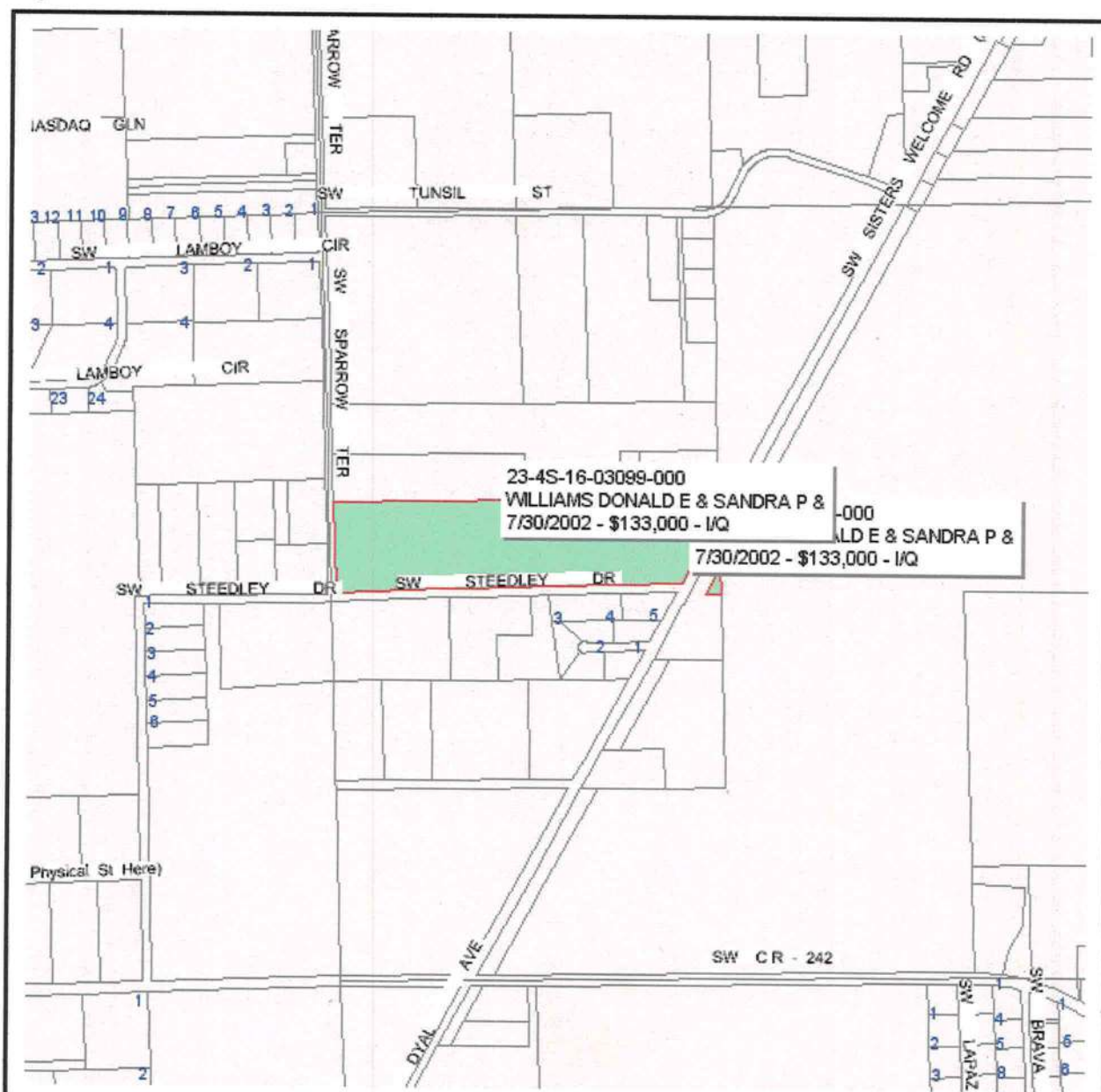
EFFECTIVE DATE:  
JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at [www.fema.gov/nifmap](http://www.fema.gov/nifmap).





### Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

#### PARCEL: 23-4S-16-03099-000 - SINGLE FAM (000100)

S1/2 OF S1/2 OF NW1/4, EX RR R/W & EX RD & EX 0.51 AC (LOT 98) DESC ORB 981-1243.

Name:	WILLIAMS DONALD E & SANDRA P &	LandVal	\$93,725.00
Site:		BldgVal	\$10,260.00
	MHATRE UMESH M & SHILPA U	ApprVal	\$105,885.00
Mail:	RT 18 BX 576	JustVal	\$105,885.00
	LAKE CITY, FL 32025	Assd	\$105,885.00
Sales		Exmpt	\$0.00
Info	7/30/2002 \$133,000.001 / Q	Taxable	\$105,885.00

0 0.08 0.16 0.24 mi

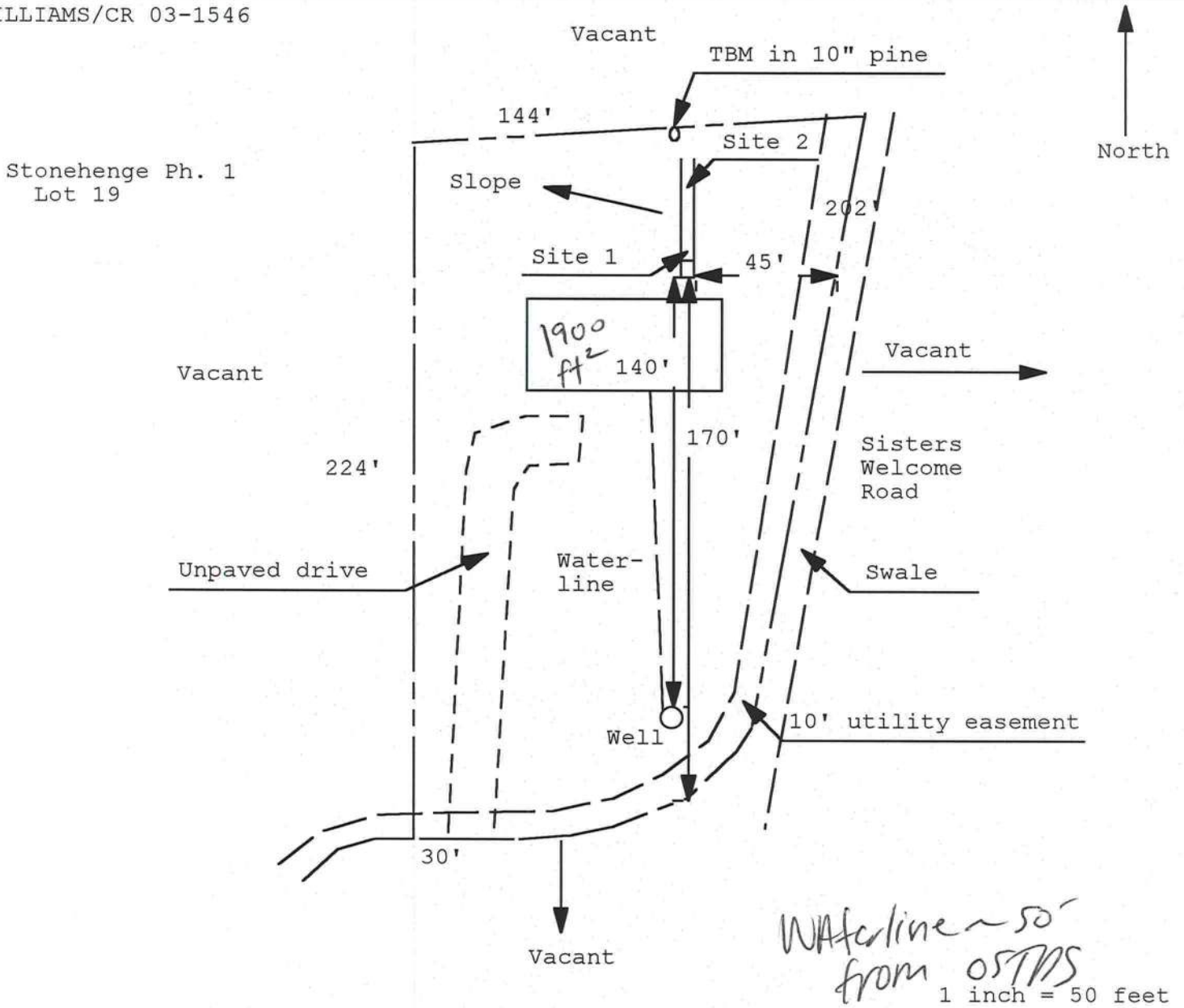


This information, GIS Map Updated: 10/07/2003, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Permit Application Number: 03-105/N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

WILLIAMS/CR 03-1546



Site Plan Submitted By Paul Lloyd Date 11/18/23  
Plan Approved Paul Lloyd Not Approved \_\_\_\_\_ Date 11/19/23  
By Paul Lloyd Salhi Graddy CPHU  
Notes: ESI. COLUMBIA

Notes: EST. COLUMBIA



Permit No. \_\_\_\_\_

Tax Parcel No. \_\_\_\_\_

**COLUMBIA COUNTY NOTICE OF COMMENCEMENT**

**STATE OF FLORIDA**

**COUNTY OF COLUMBIA**

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property: (legal description of the property, and street address if available.)

Stonehenge Subdivision Phase I  
Lot 19 Columbia County, FL

2. General description of improvement: New house

3. Owner Information:

A. Name and address:

Donald E Williams  
Rt 18 Box 576, Lake City, FL 32025

B. Interest in property:

Owner

C. Name and address of fee simple titleholder (if other than owner):

None

✓ 4. Contractor: (name and address)

Jonathan Perry Construction  
Rt 8 Box 32590  
Lake City FL 32055

5. Surety None

A. Name and address:

B. Amount of bond:

6. Lender: (name and address)

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 718.13 (1) (a) 7., Florida Statutes: (name and address) None

8. In addition to himself, owner designates None  
of \_\_\_\_\_ to receive a copy of  
the Lienor's Notice as provided in Section 713.13 (1) (a) 7., 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) Nov 24, 2003.

Donald E. DeWitt  
(Signature of Owner)

SWORN TO and subscribed before me this 24 day of November  
19 2003

Christine L. Heard  
Notary Public

My Commission Expires: 10-22-2006

(NOTARIAL  
SEAL)



Christine L. Heard  
MY COMMISSION # DD142377 EXPIRES  
October 22, 2006  
BONDED THRU TROY FAIR INSURANCE, INC.

**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**

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

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

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.

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

☐ ☒ **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.

☐ ☒ **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

☐ ☒ **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
- g) Number of stories



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| <input type="checkbox"/> | <input type="checkbox"/> N/A        |
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| <input type="checkbox"/> | <input type="checkbox"/> N/A        |

- 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 (termicide 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)

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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 (termiteicide 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)

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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

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N/A  
N/A  
✓  
✓  
✓



**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)
- N/A 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.
- BK 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
- G 6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$5.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$25.00). 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:**

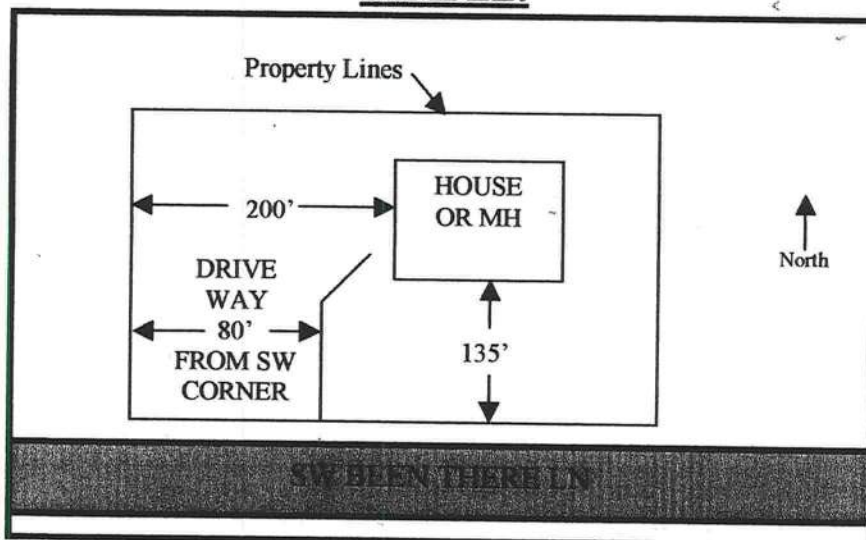
## **YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!**

**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.**



FLORIDA ENERGY EFFICIENCY CODE  
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A


Project Name:	spec 1 east - Stonehenge SD	Builder:	D. Williams Construction
Address:		Permitting Office:	
City, State:	Lake City, FL 32025-	Permit Number:	21415
Owner:		Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 45.2 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 (ft²)	1885 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 0.0 ft²	a. Electric Heat Pump	Cap: 45.2 kBtu/hr
b. Default tint	0.0 ft² 0.0 ft²	b. N/A	HSPF: 7.20
c. Labeled U or SHGC	0.0 ft² 200.3 ft²	c. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 182.9(p) ft	14. Hot water systems	
b. N/A		a. N/A	
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Face Brick, Wood, Exterior	R=13.0, 1580.8 ft²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1885.0 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 108.5 ft		
b. N/A			

Glass/Floor Area: 0.11

Total as-built points: 24852  
Total base points: 28635

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. <b>PREPARED BY:</b> _____ <b>DATE:</b> _____ I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. <b>OWNER/AGENT:</b> _____ <b>DATE:</b> _____	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. <b>BUILDING OFFICIAL:</b> _____ <b>DATE:</b> _____ 
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SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL, 32025-

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	1885.0	20.04	6799.6	Double, SC=0.64	W	1.5	6.0	60.0	24.69	0.91	1353.2
				Double, SC=0.64	S	1.5	6.0	45.0	22.87	0.86	881.1
				Double, SC=0.64	W	2.0	8.0	14.0	24.69	0.91	315.8
				Double, SC=0.64	E	1.5	6.0	75.0	27.17	0.91	1859.8
				Double, SC=0.64	W	2.0	3.5	6.3	24.69	0.69	106.9
				As-Built Total:			200.3			4516.7	
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X	SPM	=	Points
Adjacent	0.0	0.00	0.0	Face Brick, Wood, Exterior			13.0	1580.8	0.35		553.3
Exterior	1580.8	1.70	2687.4								
Base Total:		1580.8	2687.4	As-Built Total:			1580.8			553.3	
DOOR TYPES Area X BSPM = Points				Type				Area X	SPM	=	Points
Adjacent	0.0	0.00	0.0	Exterior Insulated			28.0	4.10		114.8	
Exterior	49.0	6.10	298.9	Exterior Insulated			21.0	4.10		86.1	
Base Total:		49.0	298.9	As-Built Total:			49.0			200.9	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X	SPM X SCM	=	Points
Under Attic	1885.0	1.73	3261.1	Under Attic			30.0	1885.0	1.73 X 1.00		3261.1
Base Total:		1885.0	3261.1	As-Built Total:			1885.0			3261.1	
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X	SPM	=	Points
Slab	182.9(p)	-37.0	-6767.3	Slab-On-Grade Edge Insulation			0.0	182.9(p)	-41.20		-7535.5
Raised	0.0	0.00	0.0								
Base Total:			-6767.3	As-Built Total:			182.9			-7535.5	
INFILTRATION Area X BSPM = Points							Area X	SPM	=	Points	
		1885.0	10.21				1885.0		10.21	19245.8	



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT											
Summer Base Points:		25525.4		Summer As-Built Points:					20242.3						
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
					(DM x DSM x AHU)										
25525.4		0.4266		10889.1	20242.3		1.000		(1.081 x 1.147 x 0.91)		0.341		1.000		7795.2
					20242.3		1.00		1.128		0.341		1.000		7795.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL, 32025-

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	1885.0	12.74	4322.7	Double, SC=0.64	W	1.5	6.0	60.0	23.32	1.02	1432.2
				Double, SC=0.64	S	1.5	6.0	45.0	18.01	1.12	905.8
				Double, SC=0.64	W	2.0	8.0	14.0	23.32	1.02	334.2
				Double, SC=0.64	E	1.5	6.0	75.0	21.92	1.04	1702.1
				Double, SC=0.64	W	2.0	3.5	6.3	23.32	1.10	161.6
				As-Built Total:			200.3			4535.9	
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	0.0	0.00	0.0	Face Brick, Wood, Exterior	13.0			1580.8	3.17	5019.0	
Exterior	1580.8	3.70	5849.0								
Base Total: 1580.8 5849.0				As-Built Total:			1580.8			5019.0	
DOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	0.0	0.00	0.0	Exterior Insulated				28.0	8.40	235.2	
Exterior	49.0	12.30	602.7	Exterior Insulated				21.0	8.40	176.4	
Base Total: 49.0 602.7				As-Built Total:			49.0			411.6	
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	1885.0	2.05	3864.3	Under Attic	30.0			1885.0	2.05 X 1.00	3864.3	
Base Total: 1885.0 3864.3				As-Built Total:			1885.0			3864.3	
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	182.9(p)	8.9	1627.8	Slab-On-Grade Edge Insulation	0.0			182.9(p)	18.80	3438.5	
Raised	0.0	0.00	0.0								
Base Total: 1627.8				As-Built Total:			182.9			3438.5	
INFILTRATION Area X BWPM = Points							Area X WPM = Points				
1885.0 -0.59 -1112.1							1885.0 -0.59 -1112.1				



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT											
Winter Base Points:		15154.3		Winter As-Built Points:						16157.2					
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
15154.3		0.6274		9507.8	16157.2		1.000		(1.060 x 1.169 x 0.93)		0.474		1.000		8818.4
					16157.2		1.00		1.152		0.474		1.000		8818.4

WATER HEATING & CODE COMPLIANCE STATUS  
Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL, 32025-

PERMIT #:

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

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Cooling	+	Heating	=
Points		Points		Points	Total	Points		Points	Total
					Points				Points
10889		9508		8238	28635	7795		8818	24852

PASS





Code Compliance Checklist  
Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL, 32025-

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.	