

DATE 08/30/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023556

APPLICANT LARRY KEEN PHONE 755-7430  
ADDRESS 973 SW CR 240 LAKE CITY FL 32025  
OWNER LARRY KEEN PHONE 755-7430  
ADDRESS 973 SW CR 240 LAKE CITY FL 32025  
CONTRACTOR OWNER BUILDER PHONE  
LOCATION OF PROPERTY 441 S, R 240, 3/4 MILE ON THE RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 104850.00  
HEATED FLOOR AREA 2097.00 TOTAL AREA 2975.00 HEIGHT 25.00 STORIES 1  
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB  
LAND USE & ZONING A-3 MAX. HEIGHT 35  
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO.

PARCEL ID 09-5S-17-09171-004 SUBDIVISION  
LOT BLOCK PHASE UNIT TOTAL ACRES 6.13

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
EXISTING 05-0874-E BK N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: FLOOR 1 FOOT ABOVE THE ROAD

NOC ON FILE

Check # or Cash 108

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 \$ 525.00 CERTIFICATION FEE \$ 14.88 SURCHARGE FEE \$ 14.88  
MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$  
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ TOTAL FEE 604.76

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

Revised 9-23-04

For Office Use Only	Application # <u>050810</u>	Date Received <u>8/2/05</u>	By <u>JW</u>	Permit # <u>23556</u>
Application Approved by - Zoning Official _____		Date _____	Plans Examiner <u>OK JTH</u>	Date <u>8-19-05</u>
Flood Zone <u>Assumed</u>	Development Permit <u>N/A</u>	Zoning <u>A-3</u>	Land Use Plan Map Category <u>A-3</u>	
Comments <u>- See HCA 71-112-111 - N/A</u>				

Applicants Name Larry Keen Phone 755-7430  
Address 973 SW CR 240  
Owners Name Larry Keen Phone 755-7430  
911 Address 973 SW CR 240 Lake City FL 32025  
Contractors Name Owner Builder Phone \_\_\_\_\_  
Address Same  
Fee Simple Owner Name & Address \_\_\_\_\_  
Bonding Co. Name & Address \_\_\_\_\_  
Architect/Engineer Name & Address Mark Disosway  
Mortgage Lenders Name & Address Columbia County Bank  
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
Property ID Number 09-55-17-09171-004 Estimated Cost of Construction 125,000<sup>00</sup>  
Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions 441 S. to CR 240 Turn right, go down 3/4 mile on right.

Type of Construction SFD Number of Existing Dwellings on Property 0  
Total Acreage 6.13 Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
Actual Distance of Structure from Property Lines - Front 500 Side 150 Side 150 Rear 100  
Total Building Height 25 ft. Number of Stories 1 Heated Floor Area 2097 Roof Pitch 8/12 + 10/12  
PORCHES 70 530 GARAGE 693 TOTAL 2975

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

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

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Larry S Keen  
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
this 20<sup>th</sup> day of July 2005.  
Personally known ✓ or Produced Identification \_\_\_\_\_

Contractor Signature \_\_\_\_\_  
Contractors License Number \_\_\_\_\_  
Competency Card Number \_\_\_\_\_  
NOTARY STAMP/SEAL

Brenda H. Law  
Notary Signature



Brenda H. Law  
MY COMMISSION # DD241901 EXPIRES  
September 24, 2007  
BONDED THIRD PARTY FINANCIAL INSTITUTION, ETC.





STATE OF FLORIDA  
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

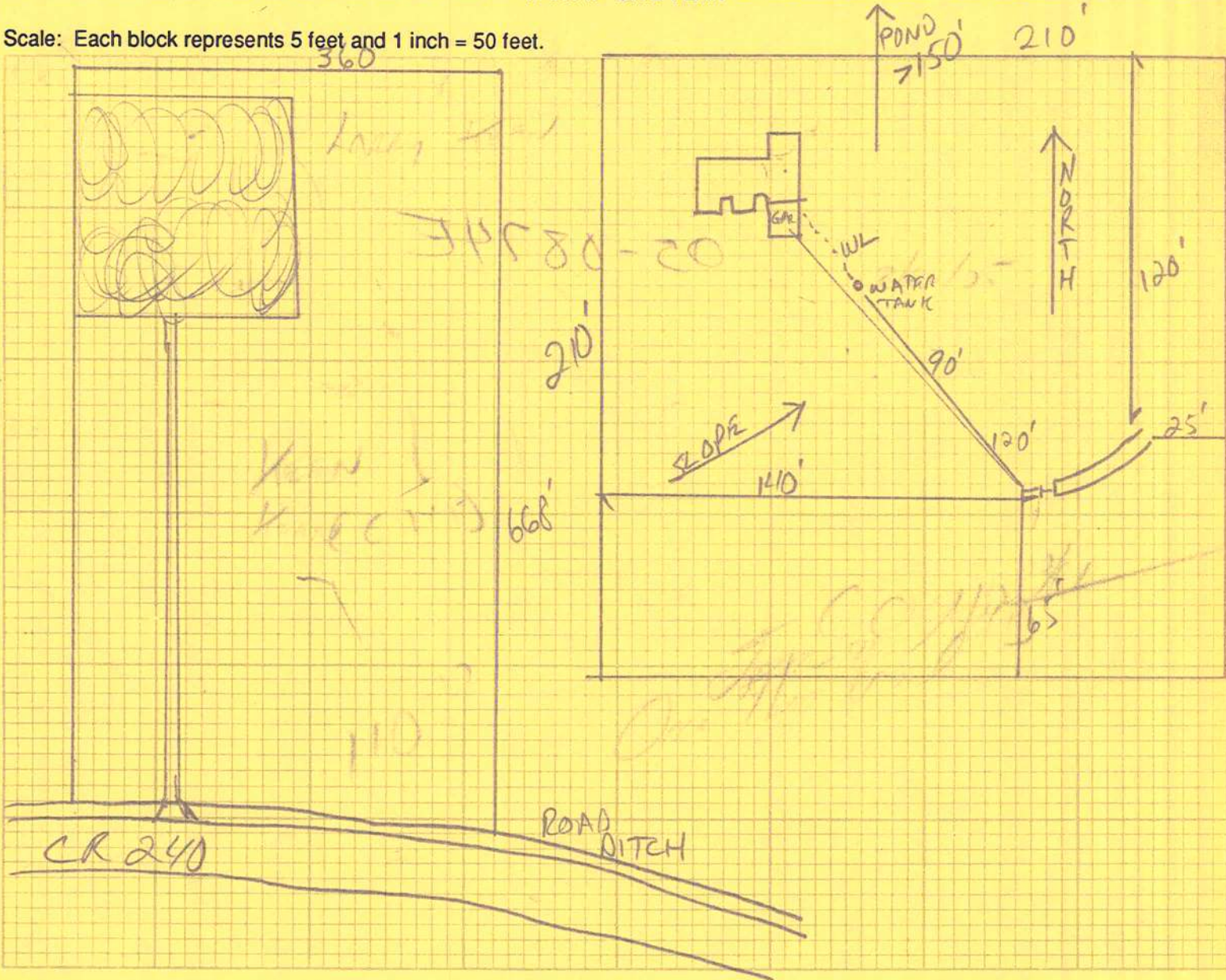
Larry Keen

05-0874E

05-0874E

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes:

Site Plan submitted by: Rory D Z

Signature

Maria Cantanoto

Title

Plan Approved \_\_\_\_\_

Not Approved \_\_\_\_\_

Date 8-29-05

By Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



**Columbia County Property Appraiser**

DB Last Updated: 6/2/2005

Parcel: 09-5S-17-09171-004 HX

**2005 Proposed Values**[Tax Record](#)[Property Card](#)[Interactive GIS Map](#)[Print](#)**Owner & Property Info**

&lt;&lt; Prev

Search Result: 2 of 2

<b>Owner's Name</b>	KEEN LARRY S & SHERI L
<b>Site Address</b>	COUNTY RD 240
<b>Mailing Address</b>	973 SW CR 240 LAKE CITY, FL 32025
<b>Brief Legal</b>	BEG AT NW COR OF NE1/4 OF SE 1/4, RUN S 668.41 FT TO N R/W OF C R 240, E ALONG R/W 150.81

<b>Use Desc. (code)</b>	MOBILE HOM (000200)
<b>Neighborhood</b>	9517.00
<b>Tax District</b>	3
<b>UD Codes</b>	MKTA02
<b>Market Area</b>	02
<b>Total Land Area</b>	6.250 ACRES

**Property & Assessment Values**

<b>Mkt Land Value</b>	cnt: (2)	\$6,800.00
<b>Ag Land Value</b>	cnt: (1)	\$866.00
<b>Building Value</b>	cnt: (1)	\$30,545.00
<b>XFOB Value</b>	cnt: (0)	\$0.00
<b>Total Appraised Value</b>		\$38,211.00

<b>Just Value</b>	\$62,545.00
<b>Class Value</b>	\$38,211.00
<b>Assessed Value</b>	\$30,344.00
<b>Exempt Value</b>	(code: HX) \$25,000.00
<b>Total Taxable Value</b>	\$5,344.00

**Sales History**

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
4/27/2005	1044/1979	WD	V	U	06	\$100.00
4/27/2005	1044/1975	WD	V	U	06	\$10,900.00
4/6/2005	1042/1927	WD	V	U	06	\$100.00

**Building Characteristics**

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1989	Vinyl Side (31)	1728	1920	\$30,545.00
<b>Note:</b> All S.F. calculations are based on exterior building dimensions.						

**Extra Features & Out Buildings**

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

**Land Breakdown**

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000102	SFR/MH (MKT)	1.000 AC	1.00/1.00/1.00/1.00	\$4,800.00	\$4,800.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00
006200	PASTURE 3 (AG)	5.250 AC	1.00/1.00/1.00/1.00	\$165.00	\$866.00
009910	MKT.VAL.AG (MKT)	5.250 AC	1.00/1.00/1.00/1.00	\$0.00	\$25,200.00

Columbia County Property Appraiser

DB Last Updated: 6/2/2005

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## DISCLOSURE STATEMENT

### FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

#### TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling ☐ Two-Family Residence  
☐ Farm Outbuilding ☐ Other \_\_\_\_\_  
☐ New Construction ☐ Addition, Alteration, Modification or other Improvement

#### NEW CONSTRUCTION OR IMPROVEMENT

I Larry Keen, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number \_\_\_\_\_

Larry D Keen  
Signature

7/27/05  
Date

#### FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date \_\_\_\_\_ Building Official/Representative \_\_\_\_\_

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name:	507191KeenRichardKeenLarry	Builder:	Larry Keen/owner
Address:	1149 SW CR 240	Permitting Office:	Columbia
City, State:	Lake City, FL	Permit Number:	23556
Owner:	Keen Larry	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: 51.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	2549 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 311.1 ft²	a. Electric Heat Pump	Cap: 51.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.30
c. Labeled U-factor or SHGC	0.0 ft² 0.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 256.0(p) ft		
b. Raised Wood, Adjacent	R=13.0, 452.0ft²	14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.89
a. Frame, Wood, Exterior	R=13.0, 1629.0 ft²	b. N/A	
b. Frame, Wood, Exterior	R=13.0, 333.0 ft²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 2745.0 ft²	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, 270.0 ft		
b. N/A			

Glass/Floor Area: 0.12

Total as-built points: 32968

Total base points: 33626

**PASS**

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

**PREPARED BY:** Ben Sparks**DATE:** 7/27/05 *Ben Sparks*

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: 1149 SW CR 240, Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang		Area X SPM X SOF = Points				
					Ornt	Len	Hgt				
.18	2549.0	20.04	9194.8	Double, Clear	NW	1.5	4.0	6.3	25.97	0.85	139.7
				Double, Clear	NW	1.5	5.0	68.9	25.97	0.89	1601.0
				Double, Clear	NW	1.5	6.0	15.0	25.97	0.93	360.6
				Double, Clear	NW	1.5	8.0	10.0	25.97	0.96	250.2
				Double, Clear	SW	1.5	8.0	10.0	40.16	0.95	379.8
				Double, Clear	SW	1.5	6.0	13.8	40.16	0.89	489.7
				Double, Clear	NW	1.5	6.0	41.3	25.97	0.93	993.5
				Double, Clear	NE	1.5	4.0	6.3	29.56	0.84	156.3
				Double, Clear	NE	0.0	0.0	16.0	29.56	1.00	472.9
				Double, Clear	SE	1.5	6.0	41.3	42.75	0.88	1561.0
				Double, Clear	SE	6.0	6.0	55.1	42.75	0.49	1165.9
				Double, Clear	SE	12.0	6.0	5.0	42.75	0.40	86.4
				Double, Clear	SE	12.0	3.0	8.0	42.75	0.38	129.8
				Double, Clear	SE	12.0	8.0	14.0	42.75	0.43	259.0
				As-Built Total:							311.1
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1629.0	1.50	2443.5		
Exterior	1962.0	1.70	3335.4	Frame, Wood, Exterior	13.0		333.0	1.50	499.5		
Base Total: 1962.0 3335.4				As-Built Total:		1962.0		2943.0			
DOOR TYPES Area X BSPM = Points				Type			Area X SPM = Points				
Adjacent	20.0	2.40	48.0	Exterior Insulated			20.0	4.10	82.0		
Exterior	35.0	6.10	213.5	Exterior Insulated			15.0	4.10	61.5		
				Adjacent Insulated			20.0	1.60	32.0		
Base Total: 55.0 261.5				As-Built Total:		55.0		175.5			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2097.0	1.73	3627.8	Under Attic	30.0		2745.0	1.73 X 1.00	4748.9		
Base Total: 2097.0 3627.8				As-Built Total:		2745.0		4748.9			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	256.0(p)	-37.0	-9472.0	Slab-On-Grade Edge Insulation	0.0		256.0(p)	-41.20	-10547.2		
Raised	452.0	-3.99	-1803.5	Raised Wood, Adjacent	13.0		452.0	0.63	282.5		
Base Total: -11275.5				As-Built Total:		708.0		-10264.7			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 1149 SW CR 240, Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BSPM = Points				Area X SPM = Points					
2549.0 10.21 26025.3				2549.0 10.21 26025.3					
Summer Base Points: 31169.3				Summer As-Built Points: 31673.7					
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)					
31169.3 0.4266 13296.8				31673.7 1.000 (1.090 x 1.147 x 0.91) 0.310 1.000 11180.8 31673.7 1.00 1.138 0.310 1.000 11180.8					



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 1149 SW CR 240, Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points			
.18	2549.0	12.74	5845.4	Double, Clear	NW	1.5	4.0	6.3	24.30	1.01	155.2
				Double, Clear	NW	1.5	5.0	68.9	24.30	1.01	1682.5
				Double, Clear	NW	1.5	6.0	15.0	24.30	1.00	365.6
				Double, Clear	NW	1.5	8.0	10.0	24.30	1.00	243.1
				Double, Clear	SW	1.5	8.0	10.0	16.74	1.03	172.2
				Double, Clear	SW	1.5	6.0	13.8	16.74	1.06	244.5
				Double, Clear	NW	1.5	6.0	41.3	24.30	1.00	1007.5
				Double, Clear	NE	1.5	4.0	6.3	23.57	1.02	151.6
				Double, Clear	NE	0.0	0.0	16.0	23.57	1.00	377.1
				Double, Clear	SE	1.5	6.0	41.3	14.71	1.10	666.4
				Double, Clear	SE	6.0	6.0	55.1	14.71	1.94	1568.7
				Double, Clear	SE	12.0	6.0	5.0	14.71	2.48	182.0
				Double, Clear	SE	12.0	3.0	8.0	14.71	2.65	311.8
				Double, Clear	SE	12.0	8.0	14.0	14.71	2.28	470.3
				As-Built Total:							311.1
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1629.0	3.40	5538.6		
Exterior	1962.0	3.70	7259.4	Frame, Wood, Exterior	13.0		333.0	3.40	1132.2		
Base Total: 1962.0 7259.4				As-Built Total:		1962.0		6670.8			
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	20.0	11.50	230.0	Exterior Insulated			20.0	8.40	168.0		
Exterior	35.0	12.30	430.5	Exterior Insulated			15.0	8.40	126.0		
				Adjacent Insulated			20.0	8.00	160.0		
Base Total: 55.0 660.5				As-Built Total:		55.0		454.0			
CEILING TYPESArea X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2097.0	2.05	4298.9	Under Attic	30.0		2745.0	2.05 X 1.00	5627.3		
Base Total: 2097.0 4298.9				As-Built Total:		2745.0		5627.3			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	256.0(p)	8.9	2278.4	Slab-On-Grade Edge Insulation	0.0		256.0(p)	18.80	4812.8		
Raised	452.0	0.96	433.9	Raised Wood, Adjacent	13.0		452.0	3.25	1469.0		
Base Total: 2712.3				As-Built Total:		708.0		6281.8			



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 1149 SW CR 240, Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
2549.0 -0.59 -1503.9				2549.0 -0.59 -1503.9					
Winter Base Points: 19272.5				Winter As-Built Points: 25128.5					
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)					
19272.5 0.6274 12091.6				25128.5 1.000 (1.069 x 1.169 x 0.93) 0.467 1.000 13641.8 25128.5 1.00 1.162 0.467 1.000 13641.8					



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

ADDRESS: 1149 SW CR 240, Lake City, FL,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Multiplier X Ratio	Credit = Total Multiplier
3		2746.00		8238.0	40.0	0.89	3		1.00 2715.15	1.00 8145.4
					As-Built Total:					8145.4

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
13297		12092		8238 33626	11181		13642		8145 32968

PASS





Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: 1149 SW CR 240, Lake City, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL)
DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE\* = 83.6

The higher the score, the more efficient the home.

Keen Larry, 1149 SW CR 240, Lake City, FL,

1. New construction or existing New
2. Single family or multi-family Single family
3. Number of units, if multi-family 1
4. Number of Bedrooms 3
5. Is this a worst case? Yes
6. Conditioned floor area (ft²) 2549 ft²
7. Glass area & type Single Pane Double Pane
a. Clear glass, default U-factor 0.0 ft² 311.1 ft²
b. Default tint, default U-factor 0.0 ft² 0.0 ft²
c. Labeled U-factor or SHGC 0.0 ft² 0.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=0.0, 256.0(p) ft
b. Raised Wood, Adjacent R=13.0, 452.0ft²
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 1629.0 ft²
b. Frame, Wood, Exterior R=13.0, 333.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 2745.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 270.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 51.0 kBtu/hr SEER: 11.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 51.0 kBtu/hr HSPF: 7.30
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 40.0 gallons EF: 0.89
b. N/A
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

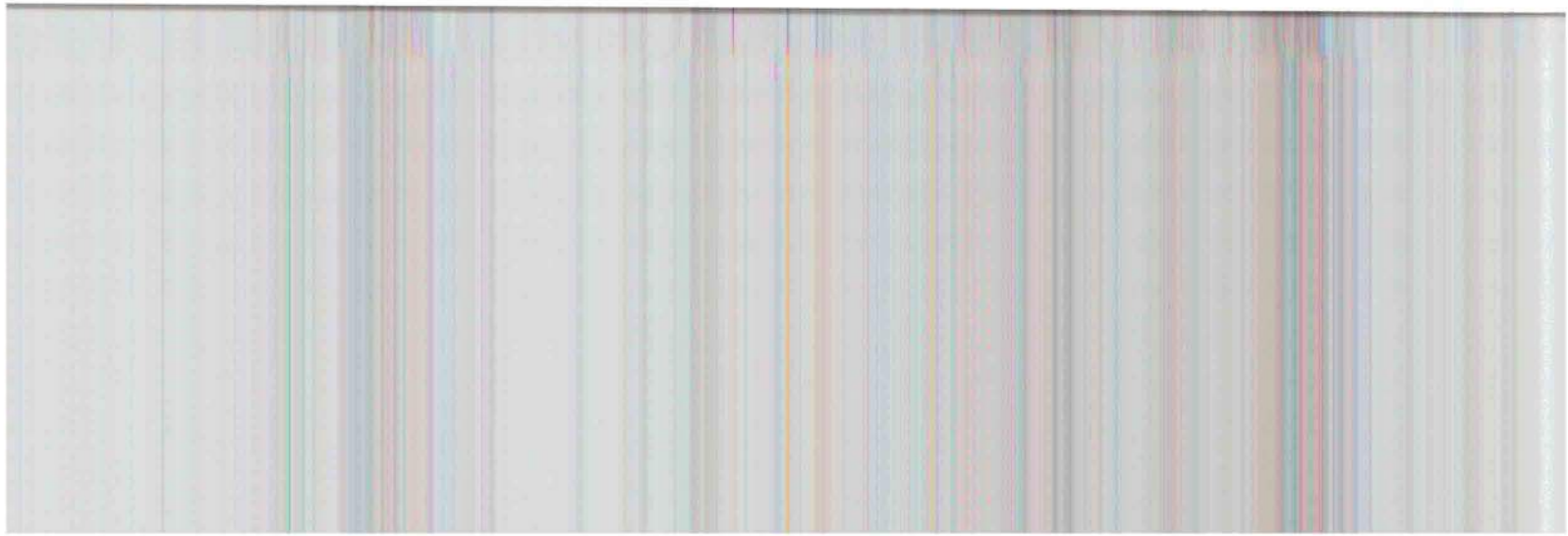
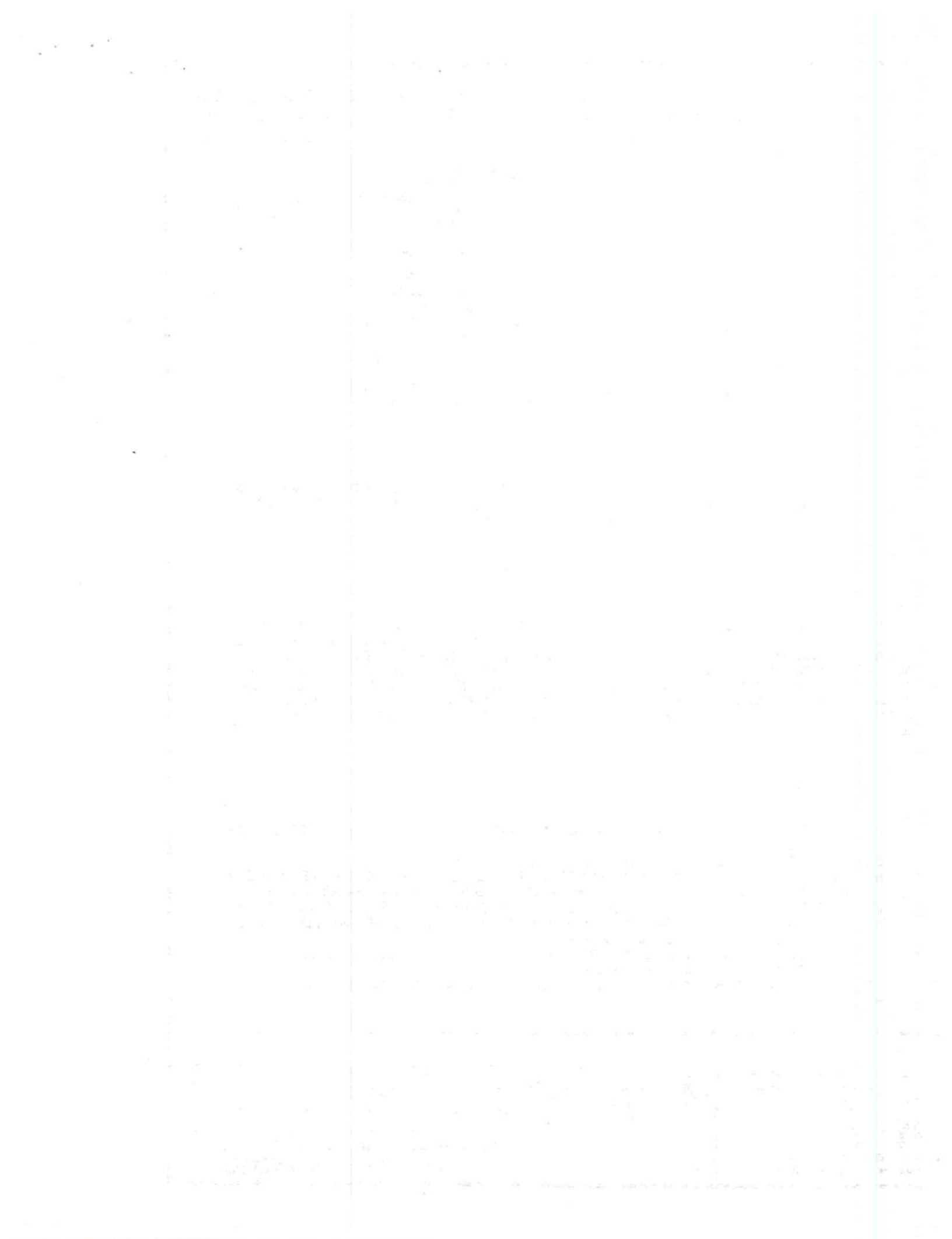
Builder Signature: Date:

Address of New Home: City/FL Zip:



\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs. Energy Gauge Version: FLR2PB v3.4)





From: The Columbia County Building Department  
Plans Review  
135 NE Hernando Av.  
P. O Box 1529  
Lake City Florida, 32056-1529

Reference to: Build permit application Number: **0508-10** Larry Keen

**Owner/Builder 973 SW Cr. 240**

On the date of August 08, 2005 application 0508-10 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088. **Please include application number 0508-10 when making reference to this application.**

*Larry Keen*

1. Please show on the plans one bathroom that complies with section 11.50 of the FBC all new single family houses, duplexes, triplexes, condominiums, and townhouses shall provide at least one bathroom, located with maximum possible privacy, where bathrooms are provided on habitable grade levels, with a door that has a 29-inch clear opening. However, if only a toilet room is provided at grade level, such toilet rooms shall have a clear opening of not less than 29 inches.

*Larry Keen*

2. Show the minimum opening area of one window for each bedroom in br. # 2 and #3 to meet the requirements of the exception below: All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m<sup>2</sup>).  
Exception: Grade floor openings shall have a minimum net clear opening of 5 square feet and have a minimum opening height. The minimum net clear opening height shall be 24 inches Minimum opening width. The minimum net Minimum opening width. The minimum net clear opening width shall be 20 inches.





3. Locate the electrical service panel on the plans and include the total amperage rating required for the dwelling.

Thank you,



Joe Haltiwanger  
Plan Examiner  
Columbia County Building & Zoning  
Department

②  
Permit Number:[type permit number]

Tax Folio Number: 09171-004

State of: Florida  
County of: Columbia

File Number: 05-536

Inst:2005017111 Date:07/20/2005 Time:11:06  
MK DC,P.Dewitt Cason,Columbia County 8:1052 P:805**NOTICE OF COMMENCEMENT**

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:**  
Begin at the NW corner of the NE 1/4 of the SE 1/4 of Section 9, Township 5 South, Range 17 east Columbia County, Florida and run s.00°01'15"e., 668.41 feet to the North right-of-way line of County road No. 240, thence n.87°26'58"e., along said North line, 150.81 feet to a point of curve of a curve having a radius of 1959.36 feet and an included angle of 07°17'39", thence run along the arc of said curve an arc distance of 249.44 feet, thence n.00°01'15"w., 675.60 feet, thence s.88°40'06"w., 400.00 feet to the point of beginning.
2. **General Description of Improvements:** Residential
3. **Owner Information:**
  - a. **Name and Address:** Larry S. Keen and Sheri L. Keen  
973 SW CR 240, Lake City, Florida 32025
  - b. **Interest in property:** Fee Simple
  - c. **Names and address of fee simple title holder (if other than owner):**
4. **Contractor:** Larry S. Keen
5. **Surety:** N/A
6. **Lender:** Columbia County Bank, 514 SW SR 47, Lake City, Florida 32025
7. **Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes.**
8. **In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.**
9. **Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified):** July 19, 2006.

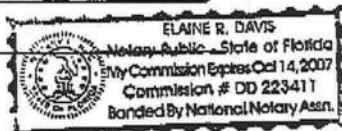
Larry S. Keen  
Larry S. Keen

Sheri L. Keen  
Sheri L. Keen

Sworn to and subscribed before me July 19, 2005 by who is personally known to me or who did provide  
drivers licenses as identification.

Elaine R. Davis  
Notary Public

My Commission Expires:





# 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 09-5S-17-09171-004

Building permit No. 000023556

Use Classification SFD, UTILITY

Fire: 0.00

Permit Holder OWNER BUILDER

Waste:

Owner of Building LARRY KEEN

Total: 0.00

Location: 973 SW CR 240, LAKE CITY, FL

Date: 05/01/2006



Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)