

**FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION**

Florida Department of Business and Professional Regulation - Residential Performance Method

<b>Project Name:</b> Lot 11 Fairway View Unit III <b>Street:</b> <b>City, State, Zip:</b> Lake City, FL, 32055 <b>Owner:</b> <b>Design Location:</b> FL, Gainesville	<b>Builder Name:</b> Lipscomb & Eagle <b>Permit Office:</b> Columbia County <b>Permit Number:</b> <b>Jurisdiction:</b> <b>County:</b> Columbia (Florida Climate Zone 2)
--	---


  

<table style="width:100%;"> <tr> <td style="width:30%;">1. New construction or existing</td> <td style="width:30%;">New (From Plans)</td> <td style="width:40%;"></td> </tr> <tr> <td>2. Single family or multiple family</td> <td>Single-family</td> <td></td> </tr> <tr> <td>3. Number of units, if multiple family</td> <td>1</td> <td></td> </tr> <tr> <td>4. Number of Bedrooms</td> <td>3</td> <td></td> </tr> <tr> <td>5. Is this a worst case?</td> <td>No</td> <td></td> </tr> <tr> <td>6. Conditioned floor area above grade (ft²)</td> <td>1678</td> <td></td> </tr> <tr> <td>Conditioned floor area below grade (ft²)</td> <td>0</td> <td></td> </tr> <tr> <td>7. Windows (210.0 sqft.)</td> <td>Description</td> <td>Area</td> </tr> <tr> <td>a. U-Factor:</td> <td>Dbl, U=0.36</td> <td>210.00 ft²</td> </tr> <tr> <td></td> <td>SHGC: SHGC=0.25</td> <td></td> </tr> <tr> <td>b. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td></td> <td>SHGC:</td> <td></td> </tr> <tr> <td>c. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td></td> <td>SHGC:</td> <td></td> </tr> <tr> <td>d. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td></td> <td>SHGC:</td> <td></td> </tr> <tr> <td colspan="2">Area Weighted Average Overhang Depth:</td> <td>5.071 ft.</td> </tr> <tr> <td colspan="2">Area Weighted Average SHGC:</td> <td>0.250</td> </tr> <tr> <td>8. Floor Types (1678.0 sqft.)</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td>a. Slab-On-Grade Edge Insulation</td> <td>R=0.0</td> <td>1678.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> </table>	1. New construction or existing	New (From Plans)		2. Single family or multiple family	Single-family		3. Number of units, if multiple family	1		4. Number of Bedrooms	3		5. Is this a worst case?	No		6. Conditioned floor area above grade (ft²)	1678		Conditioned floor area below grade (ft²)	0		7. Windows (210.0 sqft.)	Description	Area	a. U-Factor:	Dbl, U=0.36	210.00 ft²		SHGC: SHGC=0.25		b. U-Factor:	N/A	ft²		SHGC:		c. U-Factor:	N/A	ft²		SHGC:		d. U-Factor:	N/A	ft²		SHGC:		Area Weighted Average Overhang Depth:		5.071 ft.	Area Weighted Average SHGC:		0.250	8. Floor Types (1678.0 sqft.)	Insulation	Area	a. Slab-On-Grade Edge Insulation	R=0.0	1678.00 ft²	b. N/A	R=	ft²	c. N/A	R=	ft²	<table style="width:100%;"> <tr> <td style="width:30%;">9. Wall Types (1602.0 sqft.)</td> <td style="width:30%;">Insulation</td> <td style="width:40%;">Area</td> </tr> <tr> <td>a. Frame - Wood, Exterior</td> <td>R=13.0</td> <td>1407.00 ft²</td> </tr> <tr> <td>b. Frame - Wood, Adjacent</td> <td>R=13.0</td> <td>195.00 ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>d. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>10. Ceiling Types (1762.0 sqft.)</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td>a. Under Attic (Vented)</td> <td>R=38.0</td> <td>1762.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>11. Ducts</td> <td>R</td> <td>ft²</td> </tr> <tr> <td>a. Sup: Attic, Ret: Attic, AH: Garage</td> <td>6</td> <td>419.5</td> </tr> <tr> <td>12. Cooling systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td>a. Central Unit</td> <td>19.9</td> <td>SEER:14.00</td> </tr> <tr> <td>13. Heating systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td>a. Electric Heat Pump</td> <td>26.1</td> <td>HSPF:8.20</td> </tr> <tr> <td>14. Hot water systems</td> <td></td> <td></td> </tr> <tr> <td>a. Electric</td> <td></td> <td>Cap: 40 gallons</td> </tr> <tr> <td>b. Conservation features</td> <td></td> <td>EF: 0.920</td> </tr> <tr> <td></td> <td>None</td> <td></td> </tr> <tr> <td>15. Credits</td> <td></td> <td>CV, Pstat</td> </tr> </table>	9. Wall Types (1602.0 sqft.)	Insulation	Area	a. Frame - Wood, Exterior	R=13.0	1407.00 ft²	b. Frame - Wood, Adjacent	R=13.0	195.00 ft²	c. N/A	R=	ft²	d. N/A	R=	ft²	10. Ceiling Types (1762.0 sqft.)	Insulation	Area	a. Under Attic (Vented)	R=38.0	1762.00 ft²	b. N/A	R=	ft²	c. N/A	R=	ft²	11. Ducts	R	ft²	a. Sup: Attic, Ret: Attic, AH: Garage	6	419.5	12. Cooling systems	kBtu/hr	Efficiency	a. Central Unit	19.9	SEER:14.00	13. Heating systems	kBtu/hr	Efficiency	a. Electric Heat Pump	26.1	HSPF:8.20	14. Hot water systems			a. Electric		Cap: 40 gallons	b. Conservation features		EF: 0.920		None		15. Credits		CV, Pstat
1. New construction or existing	New (From Plans)																																																																																																																														
2. Single family or multiple family	Single-family																																																																																																																														
3. Number of units, if multiple family	1																																																																																																																														
4. Number of Bedrooms	3																																																																																																																														
5. Is this a worst case?	No																																																																																																																														
6. Conditioned floor area above grade (ft²)	1678																																																																																																																														
Conditioned floor area below grade (ft²)	0																																																																																																																														
7. Windows (210.0 sqft.)	Description	Area																																																																																																																													
a. U-Factor:	Dbl, U=0.36	210.00 ft²																																																																																																																													
	SHGC: SHGC=0.25																																																																																																																														
b. U-Factor:	N/A	ft²																																																																																																																													
	SHGC:																																																																																																																														
c. U-Factor:	N/A	ft²																																																																																																																													
	SHGC:																																																																																																																														
d. U-Factor:	N/A	ft²																																																																																																																													
	SHGC:																																																																																																																														
Area Weighted Average Overhang Depth:		5.071 ft.																																																																																																																													
Area Weighted Average SHGC:		0.250																																																																																																																													
8. Floor Types (1678.0 sqft.)	Insulation	Area																																																																																																																													
a. Slab-On-Grade Edge Insulation	R=0.0	1678.00 ft²																																																																																																																													
b. N/A	R=	ft²																																																																																																																													
c. N/A	R=	ft²																																																																																																																													
9. Wall Types (1602.0 sqft.)	Insulation	Area																																																																																																																													
a. Frame - Wood, Exterior	R=13.0	1407.00 ft²																																																																																																																													
b. Frame - Wood, Adjacent	R=13.0	195.00 ft²																																																																																																																													
c. N/A	R=	ft²																																																																																																																													
d. N/A	R=	ft²																																																																																																																													
10. Ceiling Types (1762.0 sqft.)	Insulation	Area																																																																																																																													
a. Under Attic (Vented)	R=38.0	1762.00 ft²																																																																																																																													
b. N/A	R=	ft²																																																																																																																													
c. N/A	R=	ft²																																																																																																																													
11. Ducts	R	ft²																																																																																																																													
a. Sup: Attic, Ret: Attic, AH: Garage	6	419.5																																																																																																																													
12. Cooling systems	kBtu/hr	Efficiency																																																																																																																													
a. Central Unit	19.9	SEER:14.00																																																																																																																													
13. Heating systems	kBtu/hr	Efficiency																																																																																																																													
a. Electric Heat Pump	26.1	HSPF:8.20																																																																																																																													
14. Hot water systems																																																																																																																															
a. Electric		Cap: 40 gallons																																																																																																																													
b. Conservation features		EF: 0.920																																																																																																																													
	None																																																																																																																														
15. Credits		CV, Pstat																																																																																																																													

Glass/Floor Area: 0.125	Total Proposed Modified Loads: 46.82	<b>PASS</b>
	Total Baseline Loads: 47.03	

<p>I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.</p> <p>PREPARED BY: <u>                    </u></p> <p>DATE: <u>8/3/2020</u></p> <p>I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.</p> <p>OWNER/AGENT: <u>                    </u></p> <p>DATE: <u>                    </u></p>	<p>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.</p> <p>BUILDING OFFICIAL: <u>                    </u></p> <p>DATE: <u>                    </u></p> <div style="text-align: center;">  <p>GREAT SEAL OF THE STATE OF FLORIDA IN GOD WE TRUST</p> </div>
---	---

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.
- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 5.00 ACH50 (R402.4.1.2).

## INPUT SUMMARY CHECKLIST REPORT

PROJECT												
Title:	Lot 11 Fairway View Unit III			Bedrooms:	3		Address Type:	Lot Information				
Building Type:	User			Conditioned Area:	1678		Lot #	11				
Owner Name:				Total Stories:	1		Block/Subdivision:	Fairway View II				
# of Units:	1			Worst Case:	No		PlatBook:					
Builder Name:	Lipscomb & Eagle			Rotate Angle:	0		Street:					
Permit Office:	Columbia County			Cross Ventilation:	Yes		County:	Columbia				
Jurisdiction:				Whole House Fan:	No		City, State, Zip:	Lake City , FL , 32055				
Family Type:	Single-family											
New/Existing:	New (From Plans)											
Comment:												
CLIMATE												
✓	Design Location	TMY Site	Design Temp 97.5 %	2.5 %	Int Design Temp Winter	Summer	Heating Degree Days	Design Moisture	Daily Temp Range			
_____	FL, Gainesville	FL_GAINESVILLE_REGI	32	92	70	75	1305.5	51	Medium			
BLOCKS												
	Number	Name	Area	Volume								
	1	Block1	1678	15102								
SPACES												
	Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated	
	1	Main	1678	15102	Yes	6	3	1	Yes	Yes	Yes	
FLOORS												
✓	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet		
_____	1	Slab-On-Grade Edge Insulation	Main	181 ft	0	1678 ft²	----	0	0	1		
ROOF												
✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Hip	Composition shingles	1943 ft²	0 ft²	Medium	Y	0.96	No	0.9	No	0 30.3
ATTIC												
✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC					
_____	1	Full attic	Vented	300	1678 ft²	Y	N					
CEILING												
✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type				
_____	1	Under Attic (Vented)	Main	38	Double Batt	1762 ft²	0.11	Wood				

## INPUT SUMMARY CHECKLIST REPORT

## WALLS

✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
1	S	Exterior	Frame - Wood	Main	13	17		9		153.0 ft²		0.23	0.75	0
2	E	Exterior	Frame - Wood	Main	13	9		9		81.0 ft²		0.23	0.75	0
3	S	Exterior	Frame - Wood	Main	13	2	8	9		24.0 ft²		0.23	0.75	0
4	S	Garage	Frame - Wood	Main	13	21	8	9		195.0 ft²		0.23	0.75	0
5	W	Exterior	Frame - Wood	Main	13	45		9		405.0 ft²		0.23	0.75	0
6	N	Exterior	Frame - Wood	Main	13	24	4	9		219.0 ft²		0.23	0.75	0
7	E	Exterior	Frame - Wood	Main	13	8		9		72.0 ft²		0.23	0.75	0
8	N	Exterior	Frame - Wood	Main	13	17		9		153.0 ft²		0.23	0.75	0
9	E	Exterior	Frame - Wood	Main	13	33	4	9		300.0 ft²		0.23	0.75	0

## DOORS

✓ #	Ornt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
1	S	Insulated	Main	None	.46	3		6	8	20 ft²
2	S	Insulated	Main	None	.46	3		6	8	20 ft²

## WINDOWS

Orientation shown is the entered, Proposed orientation.

✓ #	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Separation	Int Shade	Screening
1	S	1	Vinyl	Low-E Double	Yes	0.36	0.25	N	30.0 ft²	10 ft 6 in	1 ft 0 in	None	None
2	E	2	Vinyl	Low-E Double	Yes	0.36	0.25	N	30.0 ft²	1 ft 6 in	1 ft 0 in	None	None
3	N	8	Metal	Low-E Double	Yes	0.36	0.25	N	60.0 ft²	9 ft 6 in	1 ft 0 in	None	None
4	E	9	Vinyl	Low-E Double	Yes	0.36	0.25	N	45.0 ft²	1 ft 6 in	1 ft 0 in	None	None
5	N	6	Vinyl	Low-E Double	Yes	0.36	0.25	N	45.0 ft²	1 ft 6 in	1 ft 0 in	None	None

## GARAGE

✓ #	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
1	498.3341 ft²	498.3341 ft²	65.67 ft	9 ft	1

## INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000286	1258.5	69.09	129.93	.1128	5

## HEATING SYSTEM

✓ #	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
1	Electric Heat Pump/	None	Single	HSPF:8.2	26.07 kBtu/hr	1	sys#1

## INPUT SUMMARY CHECKLIST REPORT

## COOLING SYSTEM

<input checked="" type="checkbox"/>	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
<input type="checkbox"/>	1	Central Unit/	None	Single	SEER: 14	19.89 kBtu/hr	600 cfm	0.7	1	sys#1

## HOT WATER SYSTEM

<input checked="" type="checkbox"/>	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
<input type="checkbox"/>	1	Electric	None	Garage	0.92	40 gal	40 gal	120 deg	None

## SOLAR HOT WATER SYSTEM

<input checked="" type="checkbox"/>	FSEC Cert #	Company Name	System Model#	Collector Model#	Collector Area	Storage Volume	FEF
<input type="checkbox"/>	None	None			ft <sup>2</sup>		

## DUCTS

<input checked="" type="checkbox"/>	#	Location	Supply R-Value	Area	Location	Return Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	Cool
<input type="checkbox"/>	1	Attic	6	419.5 ft <sup>2</sup>	Attic	83.9 ft <sup>2</sup>	Default Leakage	Garage	(Default)	c(Default) c			1	1

## TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

Cooling	<input checked="" type="checkbox"/>	Jan	<input checked="" type="checkbox"/>	Feb	<input checked="" type="checkbox"/>	Mar	<input type="checkbox"/>	Apr	<input type="checkbox"/>	May	<input checked="" type="checkbox"/>	Jun	<input checked="" type="checkbox"/>	Jul	<input checked="" type="checkbox"/>	Aug	<input checked="" type="checkbox"/>	Sep	<input type="checkbox"/>	Oct	<input type="checkbox"/>	Nov	<input checked="" type="checkbox"/>	Dec
Heating	<input checked="" type="checkbox"/>	Jan	<input checked="" type="checkbox"/>	Feb	<input checked="" type="checkbox"/>	Mar	<input type="checkbox"/>	Apr	<input type="checkbox"/>	May	<input checked="" type="checkbox"/>	Jun	<input checked="" type="checkbox"/>	Jul	<input checked="" type="checkbox"/>	Aug	<input checked="" type="checkbox"/>	Sep	<input type="checkbox"/>	Oct	<input type="checkbox"/>	Nov	<input checked="" type="checkbox"/>	Dec
Venting	<input checked="" type="checkbox"/>	Jan	<input checked="" type="checkbox"/>	Feb	<input checked="" type="checkbox"/>	Mar	<input type="checkbox"/>	Apr	<input type="checkbox"/>	May	<input checked="" type="checkbox"/>	Jun	<input checked="" type="checkbox"/>	Jul	<input checked="" type="checkbox"/>	Aug	<input checked="" type="checkbox"/>	Sep	<input type="checkbox"/>	Oct	<input type="checkbox"/>	Nov	<input checked="" type="checkbox"/>	Dec

Thermostat Schedule: HERS 2006 Reference

Hours

Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

## MASS

Mass Type	Area	Thickness	Furniture Fraction	Space
Default(8 lbs/sq.ft.)	0 ft <sup>2</sup>	0 ft	0.3	Main

## ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

**ESTIMATED ENERGY PERFORMANCE INDEX\* = 100**

**The lower the Energy Performance Index, the more efficient the home.**

1. New home or, addition 2. Single-family or multiple-family 3. No. of units (if multiple-family) 4. Number of bedrooms 5. Is this a worst case? (yes/no) 6. Conditioned floor area (sq. ft.) 7. Windows, type and area a) U-factor: (weighted average) b) Solar Heat Gain Coefficient (SHGC) c) Area 8. Skylights a) U-factor: (weighted average) b) Solar Heat Gain Coefficient (SHGC) 9. Floor type, insulation level: a) Slab-on-grade (R-value) b) Wood, raised (R-value) c) Concrete, raised (R-value) 10. Wall type and insulation: A. Exterior: 1. Wood frame (Insulation R-value) 2. Masonry (Insulation R-value) B. Adjacent: 1. Wood frame (Insulation R-value) 2. Masonry (Insulation R-value) 11. Ceiling type and insulation level a) Under attic b) Single assembly c) Knee walls/skylight walls d) Radiant barrier installed	1. <u>New (From Plans)</u> 2. <u>Single-family</u> 3. <u>1</u> 4. <u>3</u> 5. <u>No</u> 6. <u>1678</u> 7a. <u>0.360</u> 7b. <u>0.250</u> 7c. <u>210.0</u> 8a. <u>NA</u> 8b. <u>NA</u> 9a. <u>0.0</u> 9b. <u></u> 9c. <u></u> 10A1. <u>13.0</u> 10A2. <u></u> 10B1. <u>13.0</u> 10B2. <u></u> 11a. <u>38.0</u> 11b. <u></u> 11c. <u></u> 11d. <u>Yes</u>	12. Ducts, location & insulation level a) Supply ducts R <u>6.0</u> b) Return ducts R <u>6.0</u> c) AHU location <u>Garage</u> 13. Cooling system: Capacity <u>19.9</u> a) Split system SEER <u></u> b) Single package SEER <u></u> c) Ground/water source SEER/COP <u></u> d) Room unit/PTAC EER <u></u> e) Other <u>14.0</u> 14. Heating system: Capacity <u>26.1</u> a) Split system heat pump HSPF <u></u> b) Single package heat pump HSPF <u></u> c) Electric resistance COP <u></u> d) Gas furnace, natural gas AFUE <u></u> e) Gas furnace, LPG AFUE <u></u> f) Other <u>8.20</u> 15. Water heating system a) Electric resistance EF <u>0.92</u> b) Gas fired, natural gas EF <u></u> c) Gas fired, LPG EF <u></u> d) Solar system with tank EF <u></u> e) Dedicated heat pump with tank EF <u></u> f) Heat recovery unit HeatRec% <u></u> g) Other <u></u> 16. HVAC credits claimed (Performance Method) a) Ceiling fans <u></u> b) Cross ventilation <u>Yes</u> c) Whole house fan <u>No</u> d) Multizone cooling credit <u></u> e) Multizone heating credit <u></u> f) Programmable thermostat <u>Yes</u>
--	--	---

\*Label required by Section R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

I certify that this home has complied with the Florida Building Code, Energy Conservation, 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: Lake City, FL 32055



# Envelope Leakage Test Report (Blower Door Test)

## Residential Prescriptive, Performance or ERI Method Compliance

### 2017 Florida Building Code, Energy Conservation, 6th Edition

Jurisdiction: \_\_\_\_\_

Permit #: \_\_\_\_\_

#### Job Information

Builder: Lipscomb & Eagle

Community: \_\_\_\_\_

Lot: 11

Address: \_\_\_\_\_

City: Lake City

State: FL

Zip: 32055

#### Air Leakage Test Results

*Passing results must meet either the Performance, Prescriptive, or ERI Method*

☐ **PRESCRIPTIVE METHOD**-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 7 air changes per hour at a pressure of 0.2 inch w.g. (50 Pascals) in Climate Zones 1 and 2.

☐ **PERFORMANCE or ERI METHOD**-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding the selected ACH(50) value, as shown on Form R405-2017 (Performance) or R406-2017 (ERI), section labeled as infiltration, sub-section ACH50.  
ACH(50) specified on Form R405-2017-Energy Calc (Performance) or R406-2017 (ERI): 5.000

$$\frac{\text{CFM}(50)}{\text{Building Volume}} \times 60 \div \frac{15102}{\text{ACH}(50)} = \text{ACH}(50)$$

☒ **PASS**

☐ When ACH(50) is less than 3, Mechanical Ventilation installation must be verified by building department.

Method for calculating building volume:

☐ Retrieved from architectural plans

☒ Code software calculated

☐ Field measured and calculated

**R402.4.1.2 Testing.** Testing shall be conducted in accordance with ANSI/RESNET/ICC 380 and reported at a pressure of 0.2 inch w.g. (50 Pascals). Testing shall be conducted by either individuals as defined in Section 553.993(5) or (7) *Florida Statutes* or individuals licensed as set forth in Section 489.105(3)(f), (g), or (i) or an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the code official. Testing shall be performed at any time after creation of all penetrations of the building thermal envelope.

During testing:

1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures.
2. Dampers including exhaust, intake, makeup air, back draft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures.
3. Interior doors, if installed at the time of the test, shall be open.
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed.
5. Heating and cooling systems, if installed at the time of the test, shall be turned off.
6. Supply and return registers, if installed at the time of the test, shall be fully open.

#### Testing Company

Company Name: \_\_\_\_\_ Phone: \_\_\_\_\_

I hereby verify that the above Air Leakage results are in accordance with the 2017 6th Edition Florida Building Code Energy Conservation requirements according to the compliance method selected above.

Signature of Tester: \_\_\_\_\_ Date of Test: \_\_\_\_\_

Printed Name of Tester: \_\_\_\_\_

License/Certification #: \_\_\_\_\_ Issuing Authority: \_\_\_\_\_