FORM R405-2023

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	Robert & Madeleine Webb Residence	Builder Name:	John F Crawford Homes, LLC
Street:	466 S.W. Jeanlea Place	Permit Office:	Columbia
City, State, Zip:	Fort White, FL, 32038	Permit Number:	
Owner:	Robert & Madeleine Webb	Jurisdiction:	221000
Design Location:	FL, Gainesville	County:	Columbia(Florida Climate Zone 2)

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Detached
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)	1918
Conditioned floor area below grade (ft²)	0

7. Windows(280.0 sqft.)	Description	Area
a. U-Factor:	Dbl, U=0.47	244.00 ft²
SHGC:	SHGC=0.31	
b. U-Factor:	Dbl, U=0.49	24.00 ft²
SHGC:	SHGC=0.32	
c. U-Factor:	Dbl, U=0.45	12.00 ft²
SHGC:	SHGC=0.36	
Area Weighted Average Overhang Depth:		6.904 ft
Area Weighted Average SHGC:		0.313

8. Skylights	Description	Area
U-Factor:(AVG)	N/A	N/A ft²
SHGC(AVG):	N/A	

9. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R= 0.0	1917.30 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

10. Wall Types(2302.7 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=19.0	1906.70 ft²
b. Frame - Wood, Adjacent	R=13.0	396.00 ft²
c. N/A		
d. N/A		

11. Ceiling Types(1918.0 sqft.)	Insulation	Area
a. Flat ceiling under att (Vented)	R=30.0	1918.00 ft²
b. N/A		
c. N/A		

12. Roof(Metal, Vented)	Deck R=0.0	2143 ft²

13. Ducts, location & insulation level	R	ft²
a. Sup: Attic, Ret: Attic, AH: Garage	6	117
b.		
c.		

14. Cooling Systems	kBtu/hr	Efficiency
a. Central Unit	42.5	SEER2:15.20

15. Heating Systems	kBtu/hr	Efficiency
a. Electric Heat Pump	42.5	HSPF2:7.80

16. Hot Water Systems	
a. ElectricTankless	Cap: 1 gallons
	EF: 0.990
b. Conservation features	
	None
17. Credits	CF, Pstat

Glass/Floor Area:0.146

Total Proposed Modified Loads: 47.68

Total Baseline Loads: 56.89

PASS

NOTE: Proposed residence must have annual total normalized Modified Loads that are less than or equal to 95 percent of the annual total loads of the standard reference design in order to comply.

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

PREPARED BY: _____

DATE: 06/03/2025

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

OWNER/AGENT: John Crawford

DATE: 6/3/2025

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.

GREAT SEAL OF THE STATE OF FLORIDA — IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

- 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.

- Default duct leakage does not require a Duct Leakage Test Report.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires a PERFORMANCE envelope leakage test report with envelope leakage no greater than 4.96 ACH50 (R402.4.1.2).

FORM R405-2023

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Robert & Madeleine Webb Residence			Address type:	Street Address
Building Type:	User	Bedrooms:	3	Lot #:	---
Owner:	Robert & Madeleine Webb	Conditioned Area:	1918	Block/SubDivision:	---
Builder Home ID:		Total Stories:	1	PlatBook:	---
Builder Name:	John F Crawford Homes, LLC	Worst Case:	No	Street:	466 S.W. Jeanlea Place
Permit Office:	Columbia	Rotate Angle:	0	County:	Columbia
Jurisdiction:	221000	Cross Ventilation:	No	City, State, Zip:	Fort White, FL, 32038
Family Type:	Detached	Whole House Fan:	No		
New/Existing:	New (From Plans)	Terrain:	Suburban		
Year Construct:	2025	Shielding:	Suburban		
Comment:					

CLIMATE

✓	Design Location	Tmy Site	Design Temp 97.5%	Design Temp 2.5%	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily temp Range
___	FL, Gainesville	FL_GAINESVILLE_REGIONA	32	92	70	75	1305.5	51	Medium

BLOCKS

✓	Number	Name	Area	Volume
___	1	Entire House	1918	21352 cu ft

SPACES

✓	Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___	1	Bedroom #3	190	1710	No	1	1	Yes	Yes	Yes
___	2	Bathrm	54	432	No	0		Yes	Yes	Yes
___	3	Bedroom #2	166	1494	No	1	1	Yes	Yes	Yes
___	4	Living Room	302	4439	No	0		Yes	Yes	Yes
___	5	Laundry	135	1215	No	0		Yes	Yes	Yes
___	6	Mud Rm	76	684	No	0		No	Yes	Yes
___	7	Kitchen/Dine	425	6248	Yes	0		Yes	Yes	Yes
___	8	Pwdr	42	378	No	0		Yes	Yes	Yes
___	9	Mstr Bedroom	250	2250	No	2	1	Yes	Yes	Yes
___	10	Tlt	34	306	No	0		Yes	Yes	Yes
___	11	Mstr WIC	85	765	No	0		No	Yes	Yes
___	12	Mstr Bathrm	159	1431	No	0		Yes	Yes	Yes

FLOORS (Total Exposed Area = 1917 sq.ft.)

✓	#	Floor Type	Space	Exposed Perim(ft)	Area	R-Value Perim.	R-Value Joist	U-Factor	Slab Insul. Vert/Horiz	Tile	Wood	Carpet
___	1	Slab-On-Grade Edge Ins	Bedroom #3	31.5	189.8 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	2	Slab-On-Grade Edge Ins	Bathrm	5.5	54.3 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	3	Slab-On-Grade Edge Ins	Bedroom #2	26.5	165.5 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	4	Slab-On-Grade Edge Ins	Living Room	21.5	302.3 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	5	Slab-On-Grade Edge Ins	Laundry	23.5	135 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	6	Slab-On-Grade Edge Ins	Mud Rm	8	76.3 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	7	Slab-On-Grade Edge Ins	Kitchen/Dine	24.5	424.5 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	8	Slab-On-Grade Edge Ins	Pwdr	6	42 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	9	Slab-On-Grade Edge Ins	Mstr Bedroom	29.5	249.8 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	10	Slab-On-Grade Edge Ins	Tlt	4	33.8 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	11	Slab-On-Grade Edge Ins	Mstr WIC	10	85 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	12	Slab-On-Grade Edge Ins	Mstr Bathrm	36.5	159 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00

FORM R405-2023

INPUT SUMMARY CHECKLIST REPORT

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Framing. Fract.	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
___	1	Gable or Shed	Metal	2143 ft²	480 ft²	0.1	Unfinished, Galvalum	N	0.9	No	0.4	No	0	26.57

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___	1	Full attic	Vented	150	1917 ft²	N	N

CEILING (Total Exposed Area = 1918 sq.ft.)

√	#	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type
___	1	Flat ceiling under attic(Vented)	Bedroom #3	30.0	Blown	190.0ft²	0.053	0.10	Wood
___	2	Flat ceiling under attic(Vented)	Bathrm	30.0	Blown	54.0ft²	0.053	0.10	Wood
___	3	Flat ceiling under attic(Vented)	Bedroom #2	30.0	Blown	166.0ft²	0.053	0.10	Wood
___	4	Flat ceiling under attic(Vented)	Living Room	30.0	Blown	302.0ft²	0.053	0.10	Wood
___	5	Flat ceiling under attic(Vented)	Laundry	30.0	Blown	135.0ft²	0.053	0.10	Wood
___	6	Flat ceiling under attic(Vented)	Mud Rm	30.0	Blown	76.0ft²	0.053	0.10	Wood
___	7	Flat ceiling under attic(Vented)	Kitchen/Dine	30.0	Blown	425.0ft²	0.053	0.10	Wood
___	8	Flat ceiling under attic(Vented)	Pwdr	30.0	Blown	42.0ft²	0.053	0.10	Wood
___	9	Flat ceiling under attic(Vented)	Mstr Bedroom	30.0	Blown	250.0ft²	0.053	0.10	Wood
___	10	Flat ceiling under attic(Vented)	Tlt	30.0	Blown	34.0ft²	0.053	0.10	Wood
___	11	Flat ceiling under attic(Vented)	Mstr WIC	30.0	Blown	85.0ft²	0.053	0.10	Wood
___	12	Flat ceiling under attic(Vented)	Mstr Bathrm	30.0	Blown	159.0ft²	0.053	0.10	Wood

WALLS (Total Exposed Area = 2303 sq.ft.)

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area sq.ft.	U-Factor	Sheath R-Value	Frm. Frac.	Solar Absor.	Below Grade
___	1	E	Exterior	Frame - Wood	Bedroom #3	19.0	15.0	6	9.0	0	139.5	0.072	0	0.25	0.23	0 %
___	2	S	Exterior	Frame - Wood	Bedroom #3	19.0	12.0	6	9.0	0	112.5	0.072	0	0.25	0.23	0 %
___	3	W	Exterior	Frame - Wood	Bedroom #3	19.0	3.0	6	9.0	0	31.5	0.072	0	0.25	0.23	0 %
___	4	E	Exterior	Frame - Wood	Bathrm	19.0	5.0	6	8.0	0	44.0	0.072	0	0.25	0.23	0 %
___	5	N	Exterior	Frame - Wood	Bedroom #2	19.0	12.0	6	9.0	0	112.5	0.072	0	0.25	0.23	0 %
___	6	E	Exterior	Frame - Wood	Bedroom #2	19.0	14.0	0	9.0	0	126.0	0.072	0	0.25	0.23	0 %
___	7	N	Exterior	Frame - Wood	Living Room	19.0	19.0	6	14.0	8	286.0	0.072	0	0.25	0.23	0 %
___	8	W	Exterior	Frame - Wood	Living Room	19.0	2.0	0	14.0	8	29.3	0.072	0	0.25	0.23	0 %
___	9	N	Exterior	Frame - Wood	Laundry	19.0	10.0	0	9.0	0	90.0	0.072	0	0.25	0.23	0 %
___	10	S	Exterior	Frame - Wood	Kitchen/Dine	19.0	24.0	6	14.0	8	359.3	0.072	0	0.25	0.23	0 %
___	11	S	Exterior	Frame - Wood	Pwdr	19.0	6.0	0	9.0	0	54.0	0.072	0	0.25	0.23	0 %
___	12	E	Exterior	Frame - Wood	Mstr Bedroom	19.0	11.0	6	9.0	0	103.5	0.072	0	0.25	0.23	0 %
___	13	S	Exterior	Frame - Wood	Mstr Bedroom	19.0	15.0	0	9.0	0	135.0	0.072	0	0.25	0.23	0 %
___	14	W	Exterior	Frame - Wood	Mstr Bedroom	19.0	3.0	0	9.0	0	27.0	0.072	0	0.25	0.23	0 %
___	15	S	Exterior	Frame - Wood	Tlt	19.0	4.0	0	9.0	0	36.0	0.072	0	0.25	0.23	0 %
___	16	S	Exterior	Frame - Wood	Mstr Bathrm	19.0	5.0	0	9.0	0	45.0	0.072	0	0.25	0.23	0 %
___	17	W	Exterior	Frame - Wood	Mstr Bathrm	19.0	19.0	6	9.0	0	175.5	0.072	0	0.25	0.23	0 %
___	18	N	Garage	Frame - Wood	Laundry	13.0	19.0	0	9.0	0	171.0	0.084		0.23	0.23	0 %
___	19	N	Garage	Frame - Wood	Mstr Bathrm	13.0	25.0	0	9.0	0	225.0	0.084		0.23	0.23	0 %

DOORS (Total Exposed Area = 58 sq.ft.)

√	#	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
___	1	S	Exterior	Insulated	Pwdr	Metal	0.29	2.00	8	6.00	8	17.8ft²
___	2	N	Garage	Wood	Laundry	Metal	0.46	3.00	0	6.00	8	20.0ft²

FORM R405-2023

INPUT SUMMARY CHECKLIST REPORT

DOORS(Continued)

___ 3	N	Garage	Wood	Mstr Bathrm	Metal	0.46	3.00	0	6.00	8	20.0ft²	

WINDOWS (Total Exposed Area = 280 sq.ft.)

√ #	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Storm	Total Area (ft²)	Same Units	Width (ft)	Height (ft)	--Overhang-- Depth (ft)	Sep. (ft)	Interior Shade	Screen
___ 1	E	1	Vinyl	Low-E Double	Y	0.47	0.31	N	N	15.0	1	3.00	5.00	1.5	5.0	Drapes/blinds	Ex. 50%
___ 2	S	2	Vinyl	Low-E Double	Y	0.47	0.31	N	N	15.0	1	3.00	5.00	1.5	2.0	Drapes/blinds	Ex. 50%
___ 3	E	4	Vinyl	Low-E Double	Y	0.45	0.36	N	N	4.0	1	4.00	1.00	1.5	12.0	None	None
___ 4	N	5	Vinyl	Low-E Double	Y	0.47	0.31	N	N	36.0	2	3.00	6.00	8.0	1.0	Drapes/blinds	Ex. 50%
___ 5	E	6	Vinyl	Low-E Double	Y	0.47	0.31	N	N	15.0	1	3.00	5.00	1.5	5.0	Drapes/blinds	Ex. 50%
___ 6	N	7	Vinyl	Low-E Double	Y	0.49	0.32	N	N	24.0	1	3.00	8.00	8.0	1.0	None	None
___ 7	N	7	Vinyl	Low-E Double	Y	0.47	0.31	N	N	6.0	1	2.00	3.00	8.0	1.0	Drapes/blinds	Ex. 50%
___ 8	N	7	Vinyl	Low-E Double	Y	0.47	0.31	N	N	36.0	2	3.00	6.00	8.0	1.0	Drapes/blinds	Ex. 50%
___ 9	N	7	Vinyl	Low-E Double	Y	0.45	0.36	N	N	8.0	1	1.00	8.00	8.0	1.0	None	None
___ 10	N	9	Vinyl	Low-E Double	Y	0.47	0.31	N	N	8.0	1	2.00	4.00	1.5	1.0	Drapes/blinds	Ex. 50%
___ 11	S	10	Vinyl	Low-E Double	Y	0.47	0.31	N	N	12.0	1	3.00	4.00	12.0	2.0	Drapes/blinds	Ex. 50%
___ 12	S	10	Vinyl	Low-E Double	Y	0.47	0.31	N	N	64.0	1	8.00	8.00	12.0	1.0	None	None
___ 13	S	13	Vinyl	Low-E Double	Y	0.47	0.31	N	N	25.0	2	2.50	5.00	1.5	2.0	Drapes/blinds	Ex. 50%
___ 14	S	15	Vinyl	Low-E Double	Y	0.47	0.31	N	N	6.0	1	2.00	3.00	1.5	3.5	Drapes/blinds	Ex. 50%
___ 15	W	17	Vinyl	Low-E Double	Y	0.47	0.31	N	N	6.0	1	2.00	3.00	1.5	8.0	Drapes/blinds	Ex. 50%

INFILTRATION

√ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00035	1765	96.84	181.80	0.1109	5.0	All	21352 cu ft

GARAGE

√ #	Floor Area	Length	Width	Roof Area	Exposed Perimeter	Area Under Uncond.	Avg. Wall Height	Exposed Wall Insulation
___ 1	634 ft²	25.0 ft²	25.4 ft²	634 ft²	62 ft	634 ft	9 ft	19

MASS

√ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bedroom #3
___ 2	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bathrm
___ 3	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bedroom #2
___ 4	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Living Room
___ 5	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Laundry
___ 6	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Mud Rm
___ 7	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Kitchen/Dine
___ 8	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Pwdr
___ 9	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Mstr Bedroom
___ 10	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Tlt
___ 11	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Mstr WIC
___ 12	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Mstr Bathrm

HEATING SYSTEM

√ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	----Geothermal HeatPump---- Entry	Power	Volt	Current	Ducts	Block

FORM R405-2023

INPUT SUMMARY CHECKLIST REPORT

HEATING SYSTEM(Continued)

___ 1	Electric Heat Pump	Split/Single	HSPF2: 7.80	42.5	0.00	0.00	0.00	sys#1	1

COOLING SYSTEM

√	#	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
	___ 1	Central Unit	Split/Single		SEER2:15.2	42.5	1400	0.70	sys#1	1

HOT WATER SYSTEM

√	#	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixt. Flow	Trap	Pipe Ins.	Pipe length
	___ 1	Electric	Tankless	Exterior	0.99 (0.99)	1.0 gal	55 gal	120 deg	Low	Yes	None	98

	Recirculation System	Recirc Control Type	Loop length	Branch length	Pump power	DWHR	Facilities Connected	Equal Flow	DWHR Eff	Other Credits
___ 1	No		NA	NA	NA	No	NA	NA	NA	None

DUCTS

√	Duct #	Supply Location	Supply R-Value	Supply Area	Return Location	Return R-Value	Return Area	Leakage Type	AHU Location	CFM 25 TOT|OUT	QN OUT	AHU SEALED	RLF	HVAC # Heat	HVAC # Cool
	___ 1	Attic	6.0	117 ft²	Attic	6.0	46 ft²	Default Leakage	Garage	(Default)	(Default)			1	1

TEMPERATURES

Programable Thermostat: Y Ceiling Fans: N

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]
Heating	[X]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]
Venting	[ ]	[ ]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[ ]

√	Thermostat Schedule: HERS 2006 Reference Schedule Type		Hours 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

Certificate of Product Ratings

AHRI Certified Reference Number : 214179991 Date : 06-03-2025 Model Status : Active

AHRI Type : HRCU-A-CB (Split System: Heat Pump with Remote Outdoor Unit-Air-Source)

Series : PERFORMANCE 16 SEER2 HP

Outdoor Unit Brand Name : CARRIER

Outdoor Unit Model Number (Condenser or Single Package) : 27SPA642A**30*

Indoor Unit Model Number (Evaporator and/or Air Handler) : FJ5AN*D60L*

The manufacturer of this CARRIER product is responsible for the rating of this system combination.

Rated as follows in accordance with the latest edition of AHRI 210/240 – 2024, Performance Rating of Unitary Air-Conditioning & Air-Source Heat Pump Equipment and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (A_{Full}) – Single or High Stage (95F), btuh : 42500

SEER2 : 15.20

EER2 (A_{Full}) – Single or High Stage (95F) : 11.70

Heating Capacity ($H1_{Full}$) – Single or High Stage (47F), btuh : 40500

HSPF2 (Region IV) : 7.80

†"Active" Model Status are those that an AHRI Certification Program Participant is currently producing AND selling or offering for sale; OR new models that are being marketed but are not yet being produced."Production Stopped" Model Status are those that an AHRI Certification Program Participant is no longer producing BUT is still selling or offering for sale.

Ratings that are accompanied by WAS indicate an involuntary re-rate. The new published rating is shown along with the previous (i.e. WAS) rating.

The Department of Energy has published updated energy efficiency metrics for central air conditioners and heat pumps. This publication reflects both the 1987 metric (SEER) and the 2023 metric (SEER2). Efficiency requirements are published at 10 C.F.R. 430.32(c). Please refer to www.AHRInet.org for more information about updated energy efficiency metrics.

AIR-CONDITIONING, HEATING, & REFRIGERATION INSTITUTE

we make life better™

CERTIFICATE NO.: 133934275746912077

FORM R405-2023

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 84

The lower the EnergyPerformance Index, the more efficient the home.

466 S.W. Jeanlea Place,Fort White,FL,32038

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Detached
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)		1918
Conditioned floor area below grade (ft²)		0

7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.47	244.00 ft²
SHGC:	SHGC=0.31	
b. U-Factor:	Dbl, U=0.49	24.00 ft²
SHGC:	SHGC=0.32	
c. U-Factor:	Dbl, U=0.45	12.00 ft²
SHGC:	SHGC=0.36	
Area Weighted Average Overhang Depth:		6.904 ft
Area Weighted Average SHGC:		0.313

8. Skylights	Description	Area
U-Factor:(AVG)	N/A	N/A ft²
SHGC(AVG):	N/A	

9. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R= 0.0	1917.30 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

10. Wall Types(2302.7 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=19.0	1906.70 ft²
b. Frame - Wood, Adjacent	R=13.0	396.00 ft²
c. N/A		
d. N/A		

11. Ceiling Types(1918.0 sqft.)	Insulation	Area
a. Flat ceiling under att (Vented)	R=30.0	1918.00 ft²
b. N/A		
c. N/A		

12. Roof(Metal, Vented)	Deck R=0.0	2143 ft²

13. Ducts, location & insulation level	R	ft²
a. Sup: Attic, Ret: Attic, AH: Garage	6	117
b.		
c.		

14. Cooling Systems	kBtu/hr	Efficiency
a. Central Unit	42.5	SEER2:15.20

15. Heating Systems	kBtu/hr	Efficiency
a. Electric Heat Pump	42.5	HSPF2:7.80

16. Hot Water Systems	
a. ElectricTankless	Cap: 1 gallons
	EF: 0.990
b. Conservation features	
	None
17. Credits	CF, Pstat

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: John Crawford Date: 6/3/2025

Address of New Home: 466 S.W. Jeanlea Place City/FL Zip: Fort White,FL,32038

*Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida Energy Rating. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

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

2023 - AIR BARRIER AND INSULATION INSPECTION COMPONENT CRITERIA-TABLE 402.4.1.1[a]

Project Name:	Robert & Madeleine Webb Residence	Builder Name:	John F Crawford Homes, LLC
Street:	466 S.W. Jeanlea Place	Permit Office:	Columbia
City, State, Zip:	Fort White, FL, 32038	Permit Number:	
Owner:	Robert & Madeleine Webb	Jurisdiction:	221000
Design Location:	FL, Gainesville	County:	Columbia(Florida Climate Zone 2)

COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA	CHECK
General requirements	A continuous air barrier shall be installed in the building envelope. The exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be sealed.	Air-permeable insulation shall not be used as a sealing material.	
Ceiling/attic	The air barrier in any dropped ceiling/soffit shall be aligned with the insulation and any gaps in the air barrier shall be sealed. Access openings, drop down stairs or knee wall doors to unconditioned attic spaces shall be sealed.	The insulation in any dropped ceiling/soffit shall be aligned with the air barrier.	
Walls	The junction of the foundation and sill plate shall be sealed. The junction of the top plate and the top of exterior walls shall be sealed. Knee walls shall be sealed.	Cavities within corners and headers of frame walls shall be insulated by completely filling the cavity with a material having a thermal resistance of R-3 per inch minimum Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier.	
Windows, skylights and doors	The space between window/door jambs and framing, and skylights and framing shall be sealed.		
Rim joists	Rim joists shall include the air barrier.	Rim joists shall be insulated.	
Floors (including above-garage and cantilevered floors)	The air barrier shall be installed at any exposed edge of insulation.	Floor framing cavity insulation shall be installed to maintain permanent contact with the underside of subfloor decking, or floor framing cavity insulation shall be permitted to be in contact with the top side of sheathing, or continuous insulation installed on the underside of floor framing and extends from the bottom to the top of all perimeter floor framing members.	
Crawl space walls	Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.	Where provided instead of floor insulation, insulation shall be permanently attached to the crawlspace walls.	
Shafts, penetrations	Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.		
Narrow cavities		Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity spaces.	
Garage separation	Air sealing shall be provided between the garage and conditioned spaces.		
Recessed lighting	Recessed light fixtures installed in the building thermal envelope shall be sealed to the finished surface.	Recessed light fixtures installed in the building thermal envelope shall be air tight and IC rated.	
Plumbing and wiring		Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall extend behind piping and wiring.	
Shower/tub on exterior wall	The air barrier installed at exterior walls adjacent to showers and tubs shall separate them from the showers and tubs.	Exterior walls adjacent to showers and tubs shall be insulated.	
Electrical, communication, and other equipment boxes, housings, and enclosures	Boxes, housings, and enclosures that penetrate the air barrier shall be caulked, taped, gasketed, or otherwise sealed to the air barrier element being penetrated. All concealed openings into the box, housing, or enclosure shall be sealed. The continuity of the air barrier shall be maintained around boxes, housings, and enclosures that penetrate the air barrier. Alternatively, air-sealed boxes shall be installed in accordance with R402.4.6	Boxes, housings, and enclosures shall be buried in or surrounded by tightly fitted insulation.	
HVAC register boots	HVAC supply and return register boots that penetrate building thermal envelope shall be sealed to the sub-floor, wall covering or ceiling penetrated by the boot.		
Concealed sprinklers	When required to be sealed, concealed fire sprinklers shall only be sealed in a manner that is recommended by the manufacturer. Caulking or other adhesive sealants shall not be used to fill voids voids between fire sprinkler cover plates and walls or ceilings.		

a. In addition, inspection of log walls shall be in accordance with the provisions of ICC-400.