

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: J-11770 - C-1309		Builder Name:	
Street:		Permit Office:	
City, State, Zip: Alachua County, FL,		Permit Number:	
Owner: Rosenboom/Remillet Residence		Jurisdiction:	
Design Location: FL, Gainesville		County: Alachua(Florida Climate Zone 2)	

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Glass/Floor Area: 0.129	Total Proposed Modified Loads: 58.07	PASS
	Total Baseline Loads: 60.93	

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: <u>LaNiika Stewart</u> DATE: <u>5/12/25</u> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: <u>Rosenboom</u> DATE: <u>5/12/25</u>	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.  Review for Code Compliance Practical Engineering Science BUILDING OFFICIAL: <u>LaNiika Stewart</u> DATE: <u>5/12/25</u> PX2707 05/19/2025
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- 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.

INPUT SUMMARY CHECKLIST REPORT

PROJECT									
Title: J-11770 - C-1309	Bedrooms: 3	Address type: Street Address							
Building Type: User	Conditioned Area: 2458	Lot #: ---							
Owner: Rosenboom/Remillet Residence	Total Stories: 1	Block/SubDivision: ---							
Builder Home ID:	Worst Case: No	PlatBook: ---							
Builder Name:	Rotate Angle: 0	Street:							
Permit Office:	Cross Ventilation: No	County: Alachua							
Jurisdiction:	Whole House Fan: No	City, State, Zip: Alachua County, FL							
Family Type: Detached	Terrain: Suburban	 Review for Code Compliance Universal Engineering Science							
New/Existing: New (From Plans)	Shielding: Suburban								
Year Construct:									
Comment:									
 PX2707 05/10/2025									
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_REGIONA	32	92	70	75	1305.5	51	Medium	
BLOCKS									
☒ Number	Name	Area	Volume						
___ 1	Entire House	2458	22122 cu ft						
SPACES									
☒ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___ 1	B3 WIC	38	342	No	0		Yes	Yes	Yes
___ 2	JJ WC	45	405	No	0		Yes	Yes	Yes
___ 3	B2 WIC	42	378	No	0		Yes	Yes	Yes
___ 4	Bed 3	163	1467	No	1	1	Yes	Yes	Yes
___ 5	J&J Bath	56	504	No	0		No	Yes	Yes
___ 6	Bed 2	156	1404	No	1	1	Yes	Yes	Yes
___ 7	Foyer	90	810	No	0		Yes	Yes	Yes
___ 8	Dining	156	1404	No	0		Yes	Yes	Yes
___ 9	Hall	48	432	No	0		No	Yes	Yes
___ 10	Great Room	390	3510	No	0		Yes	Yes	Yes
___ 11	Kitchen	256	2304	Yes	0		Yes	Yes	Yes
___ 12	Pantry	66	594	No	0		Yes	Yes	Yes
___ 13	Office	116	1044	No	0		Yes	Yes	Yes
___ 14	Stop Drop	78	702	No	0		Yes	Yes	Yes
___ 15	Hall 2	60	540	No	0		Yes	Yes	Yes
___ 16	Laundry	72	648	No	0		No	Yes	Yes
___ 17	Pwdr	33	297	No	0		No	Yes	Yes
___ 18	M WIC	120	1080	No	0		Yes	Yes	Yes
___ 19	M WC	28	252	No	0		Yes	Yes	Yes
___ 20	M Bath	172	1548	No	0		Yes	Yes	Yes
___ 21	Master Suite	273	2457	No	2	1	Yes	Yes	Yes

INPUT SUMMARY CHECKLIST REPORT

FLOORS											(Total Exposed Area = 2458 sq.ft.)	
✓ #	Floor Type	Space	Exposed Perim(ft)	Area	R-Value Perim.	U-Factor Joist	Slab Insul. Vert/Horiz	Tile	Wood	Carpet		
___ 1	Slab-On-Grade Edge Ins	B3 WIC	13	38 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 2	Slab-On-Grade Edge Ins	JJ WC	7.5	45 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 3	Slab-On-Grade Edge Ins	B2 WIC	13	42 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 4	Slab-On-Grade Edge Ins	Bed 3	18.5	163 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 5	Slab-On-Grade Edge Ins	J&J Bath	1	56 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 6	Slab-On-Grade Edge Ins	Bed 2	18.5	156 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 7	Slab-On-Grade Edge Ins	Foyer	7.5	90 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 8	Slab-On-Grade Edge Ins	Dining	19	156 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 9	Slab-On-Grade Edge Ins	Hall	1	48 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 10	Slab-On-Grade Edge Ins	Great Room	19	390 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 11	Slab-On-Grade Edge Ins	Kitchen	19	256 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 12	Slab-On-Grade Edge Ins	Pantry	17	66 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 13	Slab-On-Grade Edge Ins	Office	21.5	116 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 14	Slab-On-Grade Edge Ins	Stop Drop	13	78 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 15	Slab-On-Grade Edge Ins	Hall 2	7	60 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 16	Slab-On-Grade Edge Ins	Laundry	1	72 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 17	Slab-On-Grade Edge Ins	Pwdr	1	33 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 18	Slab-On-Grade Edge Ins	M WIC	8	120 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 19	Slab-On-Grade Edge Ins	M WC	7	28 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 20	Slab-On-Grade Edge Ins	M Bath	23	172 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		
___ 21	Slab-On-Grade Edge Ins	Master Suite	35.5	273 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	1.00		

ROOF												
✓ #	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt Tested	Emitt Tested	Deck Insul.	Pitch (deg)
___ 1	Hip	Composition shingles	2663 ft²	0 ft²	Medium	N	0.9	No	0.9	No	0	22.62

ATTIC						 Review for Code Compliance Universal Engineering Science	
✓ #	Type	Ventilation	Vent Ratio (1 in)	Area	Examiner License No.	Exam Date	
___ 1	Full attic	Vented	150	2458 ft²	N	N	

CEILING								(Total Exposed Area = 2458 sq.ft.)	
✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type	
___ 1	Flat ceiling under attic(Vented)	B3 WIC	38.0	Blown	38.0ft²	0.049	0.10	Wood	
___ 2	Flat ceiling under attic(Vented)	JJ WC	38.0	Blown	45.0ft²	0.049	0.10	Wood	
___ 3	Flat ceiling under attic(Vented)	B2 WIC	38.0	Blown	42.0ft²	0.049	0.10	Wood	
___ 4	Flat ceiling under attic(Vented)	Bed 3	38.0	Blown	163.0ft²	0.049	0.10	Wood	
___ 5	Flat ceiling under attic(Vented)	J&J Bath	38.0	Blown	56.0ft²	0.049	0.10	Wood	
___ 6	Flat ceiling under attic(Vented)	Bed 2	38.0	Blown	156.0ft²	0.049	0.10	Wood	
___ 7	Flat ceiling under attic(Vented)	Foyer	38.0	Blown	90.0ft²	0.049	0.10	Wood	
___ 8	Flat ceiling under attic(Vented)	Dining	38.0	Blown	156.0ft²	0.049	0.10	Wood	
___ 9	Flat ceiling under attic(Vented)	Hall	38.0	Blown	48.0ft²	0.049	0.10	Wood	
___ 10	Flat ceiling under attic(Vented)	Great Room	38.0	Blown	390.0ft²	0.049	0.10	Wood	
___ 11	Flat ceiling under attic(Vented)	Kitchen	38.0	Blown	256.0ft²	0.049	0.10	Wood	
___ 12	Flat ceiling under attic(Vented)	Pantry	38.0	Blown	66.0ft²	0.049	0.10	Wood	
___ 13	Flat ceiling under attic(Vented)	Office	38.0	Blown	116.0ft²	0.049	0.10	Wood	
___ 14	Flat ceiling under attic(Vented)	Stop Drop	38.0	Blown	78.0ft²	0.049	0.10	Wood	
___ 15	Flat ceiling under attic(Vented)	Hall 2	38.0	Blown	60.0ft²	0.049	0.10	Wood	
___ 16	Flat ceiling under attic(Vented)	Laundry	38.0	Blown	72.0ft²	0.049	0.10	Wood	
___ 17	Flat ceiling under attic(Vented)	Pwdr	38.0	Blown	33.0ft²	0.049	0.10	Wood	
___ 18	Flat ceiling under attic(Vented)	M WIC	38.0	Blown	120.0ft²	0.049	0.10	Wood	

INPUT SUMMARY CHECKLIST REPORT

CEILING(Continued)

___ 19	Flat ceiling under attic(Vented)	M WC	38.0	Blown	28.0ft²	0.049	0.10	Wood
___ 20	Flat ceiling under attic(Vented)	M Bath	38.0	Blown	172.0ft²	0.049	0.10	Wood
___ 21	Flat ceiling under attic(Vented)	Master Suite	38.0	Blown	273.0ft²	0.049	0.10	Wood

WALLS

(Total Exposed Area = 2403 sq.ft.)

✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft In	Height Ft In	Area sq.ft.	U-Factor	Sheath R-Value	Frm. Frac.	Solar Absor.	Below Grade
___ 1	E	Exterior	Frame - Wood	B3 WIC	13.0	7.0 0	9.0 0	63.0	0.095	0	0.25	0.80	0 %
___ 2	S	Exterior	Frame - Wood	B3 WIC	13.0	6.0 0	9.0 0	54.0	0.095	0	0.25	0.80	0 %
___ 3	E	Exterior	Frame - Wood	JJ WC	13.0	7.0 6	9.0 0	67.5	0.095	0	0.25	0.80	0 %
___ 4	N	Exterior	Frame - Wood	B2 WIC	13.0	6.0 0	9.0 0	54.0	0.095	0	0.25	0.80	0 %
___ 5	E	Exterior	Frame - Wood	B2 WIC	13.0	7.0 0	9.0 0	63.0	0.095	0	0.25	0.80	0 %
___ 6	E	Exterior	Frame - Wood	Bed 3	13.0	5.0 6	9.0 0	49.5	0.095	0	0.25	0.80	0 %
___ 7	S	Exterior	Frame - Wood	Bed 3	13.0	13.0 0	9.0 0	117.0	0.095	0	0.25	0.80	0 %
___ 8	N	Exterior	Frame - Wood	Bed 2	13.0	13.0 0	9.0 0	117.0	0.095	0	0.25	0.80	0 %
___ 9	E	Exterior	Frame - Wood	Bed 2	13.0	5.0 6	9.0 0	49.5	0.095	0	0.25	0.80	0 %
___ 10	N	Exterior	Frame - Wood	Foyer	13.0	7.0 6	9.0 0	67.5	0.095	0	0.25	0.80	0 %
___ 11	N	Exterior	Frame - Wood	Dining	13.0	13.0 0	9.0 0	117.0	0.095	0	0.25	0.80	0 %
___ 12	W	Exterior	Frame - Wood	Dining	13.0	6.0 0	9.0 0	54.0	0.095	0	0.25	0.80	0 %
___ 13	S	Exterior	Frame - Wood	Great Room	13.0	19.0 0	9.0 0	171.0	0.095	0	0.25	0.80	0 %
___ 14	S	Exterior	Frame - Wood	Kitchen	13.0	12.0 6	9.0 0	112.5	0.095	0	0.25	0.80	0 %
___ 15	W	Garage	Frame - Wood	Kitchen	13.0	6.0 6	9.0 0	58.5	0.095	0	0.25	0.80	0 %
___ 16	N	Exterior	Frame - Wood	Pantry	13.0	11.0 0	9.0 0	99.0	0.095	0	0.25	0.80	0 %
___ 17	W	Garage	Frame - Wood	Pantry	13.0	6.0 0	9.0 0	54.0	0.095	0	0.25	0.80	0 %
___ 18	W	Exterior	Frame - Wood	Office	13.0	10.0 6	9.0 0	94.5	0.095	0	0.25	0.80	0 %
___ 19	N	Garage	Frame - Wood	Office	13.0	11.0 0	9.0 0	99.0	0.095	0	0.25	0.80	0 %
___ 20	N	Garage	Frame - Wood	Stop Drop	13.0	13.0 0	9.0 0	117.0	0.095	0	0.25	0.80	0 %
___ 21	E	Exterior	Frame - Wood	Hall 2	13.0	7.0 0	9.0 0	63.0	0.095	0	0.25	0.80	0 %
___ 22	W	Exterior	Frame - Wood	M WIC	13.0	8.0 0	9.0 0	72.0	0.095	0	0.25	0.80	0 %
___ 23	W	Exterior	Frame - Wood	M WC	13.0	7.0 0	9.0 0	63.0	0.095	0	0.25	0.80	0 %
___ 24	S	Exterior	Frame - Wood	M Bath	13.0	10.0 0	9.0 0	90.0	0.095	0	0.25	0.80	0 %
___ 25	W	Exterior	Frame - Wood	M Bath	13.0	13.0 0	9.0 0	117.0	0.095	0	0.25	0.80	0 %
___ 26	E	Exterior	Frame - Wood	Master Suite	13.0	19.0 6	9.0 0	175.5	0.095	0	0.25	0.80	0 %
___ 27	S	Exterior	Frame - Wood	Master Suite	13.0	14.0 0	9.0 0	126.0	0.095	0	0.25	0.80	0 %
___ 28	W	Exterior	Frame - Wood	Master Suite	13.0	2.0 0	9.0 0	18.0	0.095	0	0.25	0.80	0 %

DOORS

(Total Exposed Area = 20 sq.ft.)

✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft In	Height Ft In	Area
___ 1	N(Front)		Wood	Foyer	None	0.39	3.00 0	6.00 8	20.0ft²

WINDOWS

(Total Exposed Area = 318 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	3	Metal	Low-E Double	Y	0.35	0.25	N	N	12.0	1	3.00	4.00	1.0	1.0	Drapes/blinds	None
___	2	N	4	Metal	Low-E Double	Y	0.35	0.25	N	N	14.0	1	3.50	4.00	1.0	1.0	Drapes/blinds	None
___	3	S	7	Metal	Low-E Double	Y	0.35	0.25	N	N	30.0	2	3.00	5.00	1.0	1.0	Drapes/blinds	None
___	4	N	8	Metal	Low-E Double	Y	0.35	0.25	N	N	36.0	2	3.00	6.00	1.0	1.0	Drapes/blinds	None
___	5	N	11	Metal	Low-E Double	Y	0.35	0.25	N	N	36.0	2	3.00	6.00	1.0	1.0	Drapes/blinds	None
___	6	S	13	Metal	Low-E Double	Y	0.35	0.25	N	N	14.0	2	1.00	7.00	1.0	1.0	Drapes/blinds	None
___	7	S	13	Metal	Low-E Double	Y	0.35	0.25	N	N	40.2	1	6.00	6.67	1.0	1.0	Drapes/blinds	None
___	8	S	14	Metal	Low-E Double	Y	0.35	0.25	N	N	20.0	1	5.00	4.00	1.0	1.0	Drapes/blinds	None
___	9	N	16	Metal	Low-E Double	Y	0.35	0.25	N	N	10.0	1	2.50	4.00	1.0	1.0	Drapes/blinds	None



INPUT SUMMARY CHECKLIST REPORT

WINDOWS(Continued)

10W	18	Metal	Low-E Double	Y	0.35	0.25	N	N	15.0	1	3.00	5.00	1.0	1.0	Drapes/blinds	None
11E	21	Metal	Low-E Double	Y	0.35	0.25	N	N	20.1	1	3.00	6.67	1.0	1.0	Drapes/blinds	None
12W	23	Metal	Low-E Double	Y	0.35	0.25	N	N	12.0	1	3.00	4.00	1.0	1.0	Drapes/blinds	None
13S	24	Metal	Low-E Double	Y	0.35	0.25	N	N	4.0	1	4.00	1.00	1.0	1.0	Drapes/blinds	None
14W	25	Metal	Low-E Double	Y	0.35	0.25	N	N	25.0	1	5.00	5.00	1.0	1.0	Drapes/blinds	None
15S	27	Metal	Low-E Double	Y	0.35	0.25	N	N	30.0	2	3.00	5.00	1.0	1.0	Drapes/blinds	None

INFILTRATION

✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
1	Wholehouse	Proposed ACH(50)	0.00034	2212	121.37	227.85	0.1232	6.0	All	22122 cu ft

GARAGE

✓ #	Floor Area	Roof Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
1	672 ft²	672 ft²	68 ft	9 ft	0

MASS

✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	B3 WIC
2	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	JJ WC
3	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	B2 WIC
4	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bed 3
5	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	J&J Bath
6	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bed 2
7	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Foyer
8	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Dining
9	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Hall
10	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Great Room
11	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Kitchen
12	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Pantry
13	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Office
14	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Stop Drop
15	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Hall 2
16	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Laundry
17	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Pwdr
18	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	M WIC
19	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	M WC
20	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	M Bath
21	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Master Suite

HEATING SYSTEM

✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Geothermal Entry	Heat Pump Power	Ducts Volt	Block Current
1	Electric Heat Pump	Split/Single		HSPF2: 8.10	45.0		0.00	0.00	0.00 sys#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	45.0	0	0.80	sys#1	1

INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM											
✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length	
1	Electric	None	Garage	0.95 (0.93)	40.00 gal	61 gal	120 deg	Standard	=>R-3	109	
	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 #	Location	Supply R-Value	Supply Area	Return Location	Return R-Value	Return Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN OUT	RLF	HVAC # Heat Cool
1	Attic	6.0	492 ft²	Attic	6.0	123 ft²	Prop. Leak Free	Garage	---	---	0.030	0.50	1 1

TEMPERATURES													
Programable Thermostat: Y						Ceiling Fans: N							
Cooling	[] Jan	[] Feb	[] Mar	[] Apr	[] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[] Oct	[] Nov	[] Dec	
Heating	[X] Jan	[X] Feb	[X] Mar	[] Apr	[] May	[] Jun	[] Jul	[] Aug	[] Sep	[] Oct	[X] Nov	[X] Dec	
Venting	[] Jan	[] Feb	[X] Mar	[X] Apr	[] May	[] Jun	[] Jul	[] Aug	[] Sep	[X] Oct	[X] Nov	[] Dec	
✓	Thermostat Schedule: HERS 2006 Reference												
	Schedule Type	1	2	3	4	5	6	7	8	9	10	11	12
---	Cooling (WD)	AM PM	78 80	78 80	78 78	78 78	78 78	78 78	78 78	78 78	80 78	80 78	80 78
---	Cooling (WEH)	AM PM	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78
---	Heating (WD)	AM PM	66 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66
---	Heating (WEH)	AM PM	66 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66



Review for Code Compliance
Universal Engineering Science

Lawrence Parnell
Examiner-License No.

PX2707

05/10/2025



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ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 95

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

,Alachua County,FL,

1. New construction or existing	New (From Plans)	10. Wall Types(2403.0 sqft.)	Insulation	Area
2. Single family or multiple family	Detached	a. Frame - Wood, Exterior	R=13.0	2074.50 ft ²
3. Number of units, if multiple family	1	b. Frame - Wood, Adjacent	R=13.0	328.50 ft ²
4. Number of Bedrooms	3	c. N/A		
5. Is this a worst case?	No	d. N/A		
6. Conditioned floor area above grade (ft ²)	2458	11. Ceiling Types(2458.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Flat ceiling under att (Vented)	R=38.0	2458.00 ft ²
7. Windows**	Description	b. N/A		
a. U-Factor:	Dbl, U=0.35	c. N/A		
SHGC:	SHGC=0.25	12. Roof(Comp. Shingles, Vented) Deck	R=0.0	2663 ft ²
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft ²
SHGC:		a. Sup: Attic, Ret: Attic, AH: Garage	6	492
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	1.000 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.250	a. Central Unit	45.0	SEER2:15.20
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Heat Pump	45.0	HSPF2:8.10
SHGC(AVG):	N/A	16. Hot Water Systems		
9. Floor Types	Insulation	a. Electric		Cap: 40 gallons
a. Slab-On-Grade Edge Insulation	R= 0.0			EF: 0.950
b. N/A	R=	b. Conservation features		
c. N/A	R=	17. Credits		None
				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: Scott Rosenboom

Date: 5/8/25

Address of New Home:

City/FL Zip: Alachua County,FL,



*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.