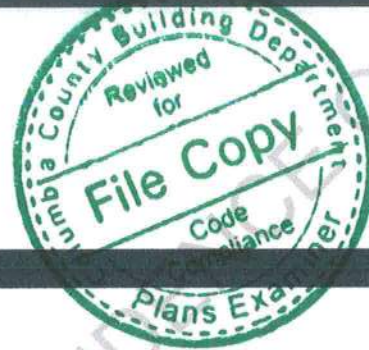


Project Information

For: JEFF JOHNSON/CLAYTON RESIDENCE
Columbia County, FL

Notes:



Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db 33 °F
Inside db 70 °F
Design TD 37 °F

Ventilation Method MJ8

Heating Summary

Structure 22183 Btuh
Ducts (R-6.0) 6287 Btuh
Central vent (0 cfm) 0 Btuh
Humidification 0 Btuh
Piping 0 Btuh
Equipment load 28470 Btuh

Infiltration

Method Simplified
Construction quality Average
Fireplaces 0

	Heating	Cooling
Area (ft ²)	2023	2023
Volume (ft ³)	17975	17975
Air changes/hour	0.32	0.16
Equiv. AVF (cfm)	96	48

Heating Equipment Summary

Make Trane
Trade TRANE
Model 4TWR4042N1
AHRI ref 209469500
Efficiency 7.5 HSPF2
Heating input 39000 Btuh @ 47°F
Heating output 27 °F
Temperature rise 1300 cfm
Actual air flow 0.046 cfm/Btuh
Air flow factor 0.53 in H2O
Static pressure
Space thermostat
Capacity balance point = 25 °F

Backup:
Input = 8 kW, Output = 27361 Btuh, 100 AFUE

Summer Design Conditions

Outside db 92 °F
Inside db 75 °F
Design TD 17 °F
Daily range M
Relative humidity 50 %
Moisture difference 43 gr/lb

Sensible Cooling Equipment Load Sizing

Structure 21013 Btuh
Ducts (R-6.0) 8765 Btuh
Central vent (0 cfm) 0 Btuh
Blower 0 Btuh
Use manufacturer's data y
Rate/swing multiplier 1.00
Equipment sensible load 29778 Btuh

Latent Cooling Equipment Load Sizing

Structure 2211 Btuh
Ducts 1780 Btuh
Central vent (0 cfm) 0 Btuh
Equipment latent load 3991 Btuh
Equipment Total Load (Sen+Lat) 33769 Btuh
Req. total capacity at 0.80 SHR 3.1 ton

Cooling Equipment Summary

Make Trane
Trade TRANE
Cond 4TWR4042N1
Coil TEM4B0C37M31SA
AHRI ref 209469500
Efficiency 11.7 EER2, 14.3 SEER2
Sensible cooling 31200 Btuh
Latent cooling 7800 Btuh
Total cooling 39000 Btuh
Actual air flow 1300 cfm
Air flow factor 0.044 cfm/Btuh
Static pressure 0.53 in H2O
Load sensible heat ratio 0.88

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Manual S Compliance Report

Entire House

Job: J-11284 - C-1309
Date: Oct 31, 2024
By: LaNiika Stewart

Project Information

For: JEFF JOHNSON/CLAYTON RESIDENCE
Columbia County, FL

Cooling Equipment

Design Conditions

Outdoor design DB:	92.4°F	Sensible gain:	29778	Btuh	Entering coil DB:	78.0°F
Outdoor design WB:	75.8°F	Latent gain:	3991	Btuh	Entering coil WB:	63.9°F
Indoor design DB:	75.0°F	Total gain:	33769	Btuh		
Indoor RH:	50%	Estimated airflow:	1300	cfm		

Manufacturer's Performance Data at Actual Design Conditions

Equipment type:	Split ASHP		
Manufacturer:	Trane	Model:	4TWR4042N1+TEM4B0C37M31SA
Actual airflow:	1300	cfm	
Sensible capacity:	31200	Btuh	105% of load
Latent capacity:	7800	Btuh	195% of load
Total capacity:	39000	Btuh	115% of load SHR: 80%

Heating Equipment

Design Conditions

Outdoor design DB:	33.3°F	Heat loss:	28470	Btuh	Entering coil DB:	68.5°F
Indoor design DB:	70.0°F					

Manufacturer's Performance Data at Actual Design Conditions

Equipment type:	Split ASHP		
Manufacturer:	Trane	Model:	4TWR4042N1+TEM4B0C37M31SA
Actual airflow:	1300	cfm	
Output capacity:	39000	Btuh	137% of load
Supplemental heat required:	0	Btuh	
			Capacity balance: 25 °F
			Economic balance: -99 °F

Backup equipment type:	Elec strip		
Manufacturer:		Model:	
Actual airflow:	1300	cfm	
Output capacity:	8.0	kW	96% of load Temp. rise: 50 °F

Meets all requirements of ACCA Manual S.



Right-Suite® Universal 2024 24.0.02 RSU11033

...eted JobsJ-11284 - C-1309J-11284 - C-1309.rup Calc = MJ8 Front Door faces: W

2024-Oct-31 08:50:35

Page 1

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: J-11284 - C-1309				Builder Name:	
Street:				Permit Office:	
City, State, Zip: Columbia County, FL,				Permit Number:	
Owner: JEFF JOHNSON/CLAYTON RESIDENCE				Jurisdiction:	
Design Location: FL, Gainesville				County: Columbia(Florida Climate Zone 2)	

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Glass/Floor Area: 0.097	Total Proposed Modified Loads: 47.47	PASS
	Total Baseline Loads: 50.33	

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>10/31/24</u> 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: _____ 
--	--

- 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 with a proposed duct leakage Qn requires a PERFORMANCE Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.
- 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 6.00 ACH50 (R402.4.1.2).

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	J-11284 - C-1309	Bedrooms:	3	Address type:	Street Address
Building Type:	User	Conditioned Area:	2023	Lot #:	---
Owner:	JEFF JOHNSON/CLAYTON 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:	Columbia
Jurisdiction:		Whole House Fan:	No	City, State, Zip:	Columbia County, FL,
Family Type:	Detached	Terrain:	Suburban		
New/Existing:	New (From Plans)	Shielding:	Suburban		
Year Construct:					
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	2023	17964 cu ft

SPACES

✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___ 1	Laundry	51	408	No	0		Yes	Yes	Yes
___ 2	O WIC	65	520	No	0		Yes	Yes	Yes
___ 3	O Bath	139	1112	No	0		Yes	Yes	Yes
___ 4	Mech	33	264	No	0		No	Yes	Yes
___ 5	Rear Foyer	136	1088	No	0		Yes	Yes	Yes
___ 6	1/2 Bath	30	240	No	0		Yes	Yes	Yes
___ 7	O WC	24	192	No	0		Yes	Yes	Yes
___ 8	Pantry	39	312	No	0		No	Yes	Yes
___ 9	Owner Bed	232	2042	No	2	1	Yes	Yes	Yes
___ 10	Kitch/Dine/Living	693	7138	Yes	0		Yes	Yes	Yes
___ 11	Bed 2	174	1392	No	1	1	Yes	Yes	Yes
___ 12	Office	100	800	No	0		Yes	Yes	Yes
___ 13	Bed 3	189	1512	No	1	1	Yes	Yes	Yes
___ 14	WC 2	33	264	No	0		Yes	Yes	Yes
___ 15	Hall	60	480	No	0		No	Yes	Yes
___ 16	Bath 2	25	200	No	0		No	Yes	Yes

FLOORS

(Total Exposed Area = 2023 sq.ft.)

✓ #	Floor Type	Space	Exposed Perim(ft)	Area	R-Value Perim. Joist	U-Factor	Slab Insul. Vert/Horiz	Tile	Wood	Carpet
___ 1	Slab-On-Grade Edge Ins	Laundry	14.5	51 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 2	Slab-On-Grade Edge Ins	O WIC	6	65 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 3	Slab-On-Grade Edge Ins	O Bath	21.5	139 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 4	Slab-On-Grade Edge Ins	Mech	1	33 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 5	Slab-On-Grade Edge Ins	Rear Foyer	10	136 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 6	Slab-On-Grade Edge Ins	1/2 Bath	5.5	30 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 7	Slab-On-Grade Edge Ins	O WC	6	24 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 8	Slab-On-Grade Edge Ins	Pantry	1	39 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 9	Slab-On-Grade Edge Ins	Owner Bed	29.5	232 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00

INPUT SUMMARY CHECKLIST REPORT

FLOORS(Continued)

✓ #	Floor Type	Space	Exposed Perim(ft)	Area	R-Value Perim. Joist	U-Factor	Slab Insul. Vert/Horiz	Tile	Wood	Carpet
___ 10	Slab-On-Grade Edge Ins	Kitch/Dine/Living	56	693 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 11	Slab-On-Grade Edge Ins	Bed 2	26.5	174 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 12	Slab-On-Grade Edge Ins	Office	9.5	100 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 13	Slab-On-Grade Edge Ins	Bed 3	34.5	189 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 14	Slab-On-Grade Edge Ins	WC 2	5.5	33 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 15	Slab-On-Grade Edge Ins	Hall	1	60 sqft	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___ 16	Slab-On-Grade Edge Ins	Bath 2	1	25 sqft	---	0.304	2 (ft)/0 (ft)	0.00	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	Gable or Shed	Composition shingles	2262 ft²	506 ft²	Medium	N	0.7	No	0.9	No	0	26.57

ATTIC

✓ #	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___ 1	Full attic	Vented	150	2023 ft²	N	N

CEILING

(Total Exposed Area = 2023 sq.ft.)

✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type
___ 1	Flat ceiling under attic(Vented)	Laundry	38.0	Blown	51.0ft²	0.049	0.10	Wood
___ 2	Flat ceiling under attic(Vented)	O WIC	38.0	Blown	65.0ft²	0.049	0.10	Wood
___ 3	Flat ceiling under attic(Vented)	O Bath	38.0	Blown	139.0ft²	0.049	0.10	Wood
___ 4	Flat ceiling under attic(Vented)	Mech	38.0	Blown	33.0ft²	0.049	0.10	Wood
___ 5	Flat ceiling under attic(Vented)	Rear Foyer	38.0	Blown	136.0ft²	0.049	0.10	Wood
___ 6	Flat ceiling under attic(Vented)	1/2 Bath	38.0	Blown	30.0ft²	0.049	0.10	Wood
___ 7	Flat ceiling under attic(Vented)	O WC	38.0	Blown	24.0ft²	0.049	0.10	Wood
___ 8	Flat ceiling under attic(Vented)	Pantry	38.0	Blown	39.0ft²	0.049	0.10	Wood
___ 9	Flat ceiling under attic(Vented)	Owner Bed	38.0	Blown	232.0ft²	0.049	0.10	Wood
___ 10	Flat ceiling under attic(Vented)	Kitch/Dine/Living	38.0	Blown	693.0ft²	0.049	0.10	Wood
___ 11	Flat ceiling under attic(Vented)	Bed 2	38.0	Blown	174.0ft²	0.049	0.10	Wood
___ 12	Flat ceiling under attic(Vented)	Office	38.0	Blown	100.0ft²	0.049	0.10	Wood
___ 13	Flat ceiling under attic(Vented)	Bed 3	38.0	Blown	189.0ft²	0.049	0.10	Wood
___ 14	Flat ceiling under attic(Vented)	WC 2	38.0	Blown	33.0ft²	0.049	0.10	Wood
___ 15	Flat ceiling under attic(Vented)	Hall	38.0	Blown	60.0ft²	0.049	0.10	Wood
___ 16	Flat ceiling under attic(Vented)	Bath 2	38.0	Blown	25.0ft²	0.049	0.10	Wood

WALLS

(Total Exposed Area = 1800 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	N	Exterior	Frame - Wood	Laundry	13.0	6.0 0	8.0 0	48.0	0.095	0	0.25	0.80	0 %
___ 2	E	Exterior	Frame - Wood	Laundry	13.0	8.0 6	8.0 0	68.0	0.095	0	0.25	0.80	0 %
___ 3	N	Exterior	Frame - Wood	O WIC	13.0	6.0 0	8.0 0	48.0	0.095	0	0.25	0.80	0 %
___ 4	N	Exterior	Frame - Wood	O Bath	13.0	12.0 0	8.0 0	96.0	0.095	0	0.25	0.80	0 %
___ 5	W	Exterior	Frame - Wood	O Bath	13.0	9.0 6	8.0 0	76.0	0.095	0	0.25	0.80	0 %
___ 6	E	Exterior	Frame - Wood	Rear Foyer	13.0	10.0 0	8.0 0	80.0	0.095	0	0.25	0.80	0 %
___ 7	E	Exterior	Frame - Wood	1/2 Bath	13.0	5.0 6	8.0 0	44.0	0.095	0	0.25	0.80	0 %
___ 8	N	Exterior	Frame - Wood	O WC	13.0	6.0 0	8.0 0	48.0	0.095	0	0.25	0.80	0 %
___ 9	N	Exterior	Frame - Wood	Owner Bed	13.0	1.0 10	8.0 9	16.0	0.095	0	0.25	0.80	0 %

INPUT SUMMARY CHECKLIST REPORT

WALLS(Continued)

___ 10 S	Exterior	Frame - Wood	Owner Bed	13.0	11.0	10	8.0	9	104.0	0.095	0	0.25	0.80	0 %
___ 11 W	Exterior	Frame - Wood	Owner Bed	13.0	13.0	3	8.0	9	116.0	0.095	0	0.25	0.80	0 %
___ 12 N	Exterior	Frame - Wood	Kitch/Dine/Living	13.0	10.0	10	10.0	4	112.0	0.095	0	0.25	0.80	0 %
___ 13 E	Exterior	Frame - Wood	Kitch/Dine/Living	13.0	16.0	3	10.0	4	168.0	0.095	0	0.25	0.80	0 %
___ 14 W	Exterior	Frame - Wood	Kitch/Dine/Living	13.0	16.0	3	10.0	4	168.0	0.095	0	0.25	0.80	0 %
___ 15 E	Exterior	Frame - Wood	Bed 2	13.0	14.0	6	8.0	0	116.0	0.095	0	0.25	0.80	0 %
___ 16 S	Exterior	Frame - Wood	Bed 2	13.0	12.0	0	8.0	0	96.0	0.095	0	0.25	0.80	0 %
___ 17 S	Exterior	Frame - Wood	Office	13.0	9.0	6	8.0	0	76.0	0.095	0	0.25	0.80	0 %
___ 18 N	Exterior	Frame - Wood	Bed 3	13.0	7.0	0	8.0	0	56.0	0.095	0	0.25	0.80	0 %
___ 19 S	Exterior	Frame - Wood	Bed 3	13.0	13.0	0	8.0	0	104.0	0.095	0	0.25	0.80	0 %
___ 20 W	Exterior	Frame - Wood	Bed 3	13.0	14.0	6	8.0	0	116.0	0.095	0	0.25	0.80	0 %
___ 21 S	Exterior	Frame - Wood	WC 2	13.0	5.0	6	8.0	0	44.0	0.095	0	0.25	0.80	0 %

DOORS

(Total Exposed Area = 19 sq.ft.)

✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft In	Height Ft In	Area
___ 1	W(Front)		Wood	Kitch/Dine/Living	None	0.39	2.00 10	6.00 10	19.4ft²

WINDOWS

(Total Exposed Area = 196 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 N	4	Metal	Low-E Double	Y	0.35	0.25	N	N	16.0	1	4.00	4.00	1.0 1.0	Drapes/blinds	None
___ 2 W	5	Metal	Low-E Double	Y	0.35	0.25	N	N	6.0	1	2.00	3.00	1.0 1.0	Drapes/blinds	None
___ 3 E	6	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
___ 4 W	11	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
___ 5 E	13	Metal	Low-E Double	Y	0.35	0.25	N	N	9.0	1	3.00	3.00	1.0 1.0	Drapes/blinds	None
___ 6 E	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
___ 7 W	14	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
___ 8 E	15	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
___ 9 S	17	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
___ 10W	20	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

INFILTRATION

✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00034	1796	98.55	185.02	0.1226	6.0	All	17964 cu ft

MASS

✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Laundry
___ 2	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	O WIC
___ 3	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	O Bath
___ 4	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Mech
___ 5	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Rear Foyer
___ 6	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	1/2 Bath
___ 7	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	O WC
___ 8	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Pantry
___ 9	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Owner Bed
___ 10	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Kitch/Dine/Living
___ 11	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bed 2
___ 12	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Office

INPUT SUMMARY CHECKLIST REPORT

MASS(Continued)

___ 13 Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bed 3
___ 14 Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	WC 2
___ 15 Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Hall
___ 16 Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bath 2

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: 7.50	39.0		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		SEER2:14.3	39.0	0	0.80	sys#1	1

HOT WATER SYSTEM

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length
___ 1	Electric	None	Mech	0.95 (0.93)	40.00 gal	61 gal	120 deg	Standard	=>R-3	100
	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	R-Value	Area	Return Location	R-Value	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN OUT	RLF	HVAC # Heat Cool
___ 1	Attic	6.0	405 ft²	Attic	6.0	101 ft²	Prop. Leak Free	Mech	---	---	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	Hours	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	78 78	80 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	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 68	68 66	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 68	68 66	68 66

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 94

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

,Columbia County,FL,

1. New construction or existing	New (From Plans)	10. Wall Types(1800.0 sqft.)	Insulation	Area
2. Single family or multiple family	Detached	a. Frame - Wood, Exterior	R=13.0	1800.00 ft ²
3. Number of units, if multiple family	1	b. N/A		
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)	2023	11. Ceiling Types(2023.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Flat ceiling under att (Vented)	R=38.0	2023.00 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	2262 ft ²
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft ²
SHGC:		a. Sup: Attic, Ret: Attic, AH: Mech	6	405
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	39.0	SEER2:14.30
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Heat Pump	39.0	HSPF2:7.50
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: _____ Date: _____

Address of New Home: _____ City/FL Zip: Columbia 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.