

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Mary Johnson Res	Bedrooms:	2	Address type:	Street Address
Building Type:	User	Conditioned Area:	1144	Lot #:	---
Owner:	Mary Johnson	Total Stories:	1	Block/SubDivision:	---
Builder Home ID:		Worst Case:	No	PlatBook:	---
Builder Name:	ChrisMill Homes Of Florida	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:	Detached	Terrain:	Suburban		
New/Existing:	New (From Plans)	Shielding:	Suburban		
Year Construct:	2024				
Comment:					

CLIMATE

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

BLOCKS

Number	Name	Area	Volume
__ 1	Block1	1144	9152 cu ft

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
__ 1	1st Floor	1144	9152	Yes	4	2	Yes	Yes	Yes

FLOORS

(Total Exposed Area = 1144 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	1st Floor	140	1144 sqft	0	---	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	Emitt Tested	Deck Insul.	Pitch (deg)
__ 1	Gable or shed	Composition shingles	1279 ft²	160 ft²	Medium	Y	0.96	No	0.9	No	0	26.57

ATTIC

#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
__ 1	Partial cathedral ceiling	Vented	300	1144 ft²	Y	N

CEILING

(Total Exposed Area = 1258 sq.ft.)

#	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type
__ 1	Flat ceiling under attic(Vented)	1st Floor	38.0	Blown	1258.4ft²	0.024	0.11	Wood

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WALLS															(Total Exposed Area = 1120 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	S	Exterior	Frame - Wood	1st Floor	13.0	44.0	0	8.0	0	352.0	0.084		0.23	0.75	0 %		
___ 2	E	Exterior	Frame - Wood	1st Floor	13.0	26.0	0	8.0	0	208.0	0.084		0.23	0.75	0 %		
___ 3	N	Exterior	Frame - Wood	1st Floor	13.0	44.0	0	8.0	0	352.0	0.084		0.23	0.75	0 %		
___ 4	E	Exterior	Frame - Wood	1st Floor	13.0	26.0	0	8.0	0	208.0	0.084		0.23	0.75	0 %		

DOORS												(Total Exposed Area = 38 sq.ft.)		
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area			
___ 1	S	Exterior	Insulated	1st Floor	None	0.46	3.00	0	6.00	8	20.0ft²			
___ 2	N	Exterior	Insulated	1st Floor	None	0.46	2.00	8	6.00	8	17.8ft²			

WINDOWS															(Total Exposed Area = 143 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	S	1	Vinyl	Low-E Single	Y 0.36	0.25	N	N	62.0	4	3.00	5.17	1.5	0.5	None	None	
___ 2	E	2	Vinyl	Low-E Single	Y 0.36	0.25	N	N	15.5	1	3.00	5.17	1.0	0.5	None	None	
___ 3	N	3	Vinyl	Low-E Single	Y 0.36	0.25	N	N	18.0	2	3.00	3.00	1.5	0.5	None	None	
___ 4	N	3	Vinyl	Low-E Single	Y 0.36	0.25	N	N	16.0	1	4.00	4.00	1.5	0.5	None	None	
___ 5	E	4	Vinyl	Low-E Single	Y 0.36	0.25	N	N	31.0	2	3.00	5.17	1.0	0.5	None	None	

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00036	1068	58.58	109.98	0.1372	7.0	All	9152 cu ft

MASS					
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	1st Floor

HEATING SYSTEM										
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal HeatPump--- Entry Power	Volts	Current	Ducts	Block
___ 1	Electric Heat Pump	None/Single		HSPF2: 8.80	18.8	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	None/Single		SEER2:16.0	15.4	450	0.75	sys#1	1

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HOT WATER SYSTEM

#	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length
1	Electric	None	1st Floor	0.92 (0.92)	40.00 gal	40 gal	120 deg	Standard	None	12
	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	HVAC # Cool
1	Attic	6.0	286 ft²	Attic	6.0	57 ft²	Default Leakage	1st Floor	(Default)	(Default)			1	1

TEMPERATURES

Programable Thermostat: Y						Ceiling Fans: N								
Cooling	<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input 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 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 type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec		
Venting	<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input type="checkbox"/> Dec		
Thermostat Schedule: HERS 2006 Reference														
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	78	80	80	80	80
	PM	80	80	78	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	78
	PM	78	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	68
	PM	68	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	68
	PM	68	68	68	68	68	68	68	68	68	68	68	66	66

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD


ESTIMATED ENERGY PERFORMANCE INDEX* = 94

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

,Lake City,FL,32055

<p>1. New construction or existing New (From Plans)</p> <p>2. Single family or multiple family Detached</p> <p>3. Number of units, if multiple family 1</p> <p>4. Number of Bedrooms 2</p> <p>5. Is this a worst case? No</p> <p>6. Conditioned floor area above grade (ft²) 1144</p> <p style="padding-left: 20px;">Conditioned floor area below grade (ft²) 0</p> <p>7. Windows** Description Area</p> <p style="padding-left: 20px;">a. U-Factor: Sgl, U=0.36 142.50 ft²</p> <p style="padding-left: 40px;">SHGC: SHGC=0.25</p> <p style="padding-left: 20px;">b. U-Factor: N/A ft²</p> <p style="padding-left: 40px;">SHGC:</p> <p style="padding-left: 20px;">c. U-Factor: N/A ft²</p> <p style="padding-left: 40px;">SHGC:</p> <p style="padding-left: 20px;">Area Weighted Average Overhang Depth: 1.337 ft</p> <p style="padding-left: 20px;">Area Weighted Average SHGC: 0.250</p> <p>8. Skylights Description Area</p> <p style="padding-left: 20px;">U-Factor:(AVG) N/A N/A ft²</p> <p style="padding-left: 20px;">SHGC(AVG): N/A</p> <p>9. Floor Types Insulation Area</p> <p style="padding-left: 20px;">a. Slab-On-Grade Edge Insulation R= 0.0 1144.00 ft²</p> <p style="padding-left: 20px;">b. N/A R= ft²</p> <p style="padding-left: 20px;">c. N/A R= ft²</p>	<p>10. Wall Types(1120.0 sqft.) Insulation Area</p> <p style="padding-left: 20px;">a. Frame - Wood, Exterior R=13.0 1120.00 ft²</p> <p style="padding-left: 20px;">b. N/A</p> <p style="padding-left: 20px;">c. N/A</p> <p style="padding-left: 20px;">d. N/A</p> <p>11. Ceiling Types(1258.4 sqft.) Insulation Area</p> <p style="padding-left: 20px;">a. Flat ceiling under att (Vented) R=38.0 1258.40 ft²</p> <p style="padding-left: 20px;">b. N/A</p> <p style="padding-left: 20px;">c. N/A</p> <p>12. Roof(Comp. Shingles, Vented) Deck R=0.0 1279 ft²</p> <p>13. Ducts, location & insulation level R ft²</p> <p style="padding-left: 20px;">a. Sup: Attic, Ret: Attic, AH: 1st Floor 6 286</p> <p style="padding-left: 20px;">b.</p> <p style="padding-left: 20px;">c.</p> <p>14. Cooling Systems kBtu/hr Efficiency</p> <p style="padding-left: 20px;">a. Central Unit 15.4 SEER2:16.00</p> <p>15. Heating Systems kBtu/hr Efficiency</p> <p style="padding-left: 20px;">a. Electric Heat Pump 18.8 HSPF2:8.80</p> <p>16. Hot Water Systems</p> <p style="padding-left: 20px;">a. Electric Cap: 40 gallons</p> <p style="padding-left: 40px;">EF: 0.920</p> <p style="padding-left: 20px;">b. Conservation features None</p> <p style="padding-left: 40px;">CV, Pstat</p> <p>17. Credits None</p>
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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: 8/2/24

Address of New Home: _____ City/FL Zip: Lake City,FL,32055



*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.