

Project Name: Tessier Res Street: Pinemount Road City, State, Zip: Lake City, FL, Owner: Melodie Tessier Design Location: FL, Gainesville			Builder Name: Permit Office: Columbia County Permit Number: Jurisdiction: 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 2 5. Is this a worst case? No 6. Conditioned floor area above grade (ft²) 1523 Conditioned floor area below grade (ft²) 0 7. Windows(183.0 sqft.) Description Area a. U-Factor: Dbl, U=0.36 183.00 ft² SHGC: SHGC=0.25 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: Area Weighted Average Overhang Depth: 1.500 ft Area Weighted Average SHGC: 0.250 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 1523.00 ft² b. N/A R= ft² c. N/A R= ft²			10. Wall Types(1650.0 sqft.) Insulation Area a. Frame - Wood, Exterior R=13.0 1650.00 ft² b. N/A c. N/A d. N/A 11. Ceiling Types(1675.3 sqft.) Insulation Area a. Flat ceiling under att (Vented) R=38.0 1675.30 ft² b. N/A c. N/A 12. Roof(Comp. Shingles, Vented) Deck R=0.0 1703 ft² 13. Ducts, location & insulation level R ft² a. Sup: Attic, Ret: Attic, AH: Garage 6 381 b. c. 14. Cooling Systems kBtu/hr Efficiency a. Central Unit 19.5 SEER2:15.50 15. Heating Systems kBtu/hr Efficiency a. Electric Heat Pump 25.7 HSPF2:8.80 16. Hot Water Systems a. Electric Cap: 40 gallons EF: 0.920 b. Conservation features None 17. Credits CV, Pstat		

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INPUT SUMMARY CHECKLIST REPORT

PROJECT												
Title: Tessier Res		Bedrooms: 2		Address type: Street Address								
Building Type: User		Conditioned Area: 1523		Lot #: ---								
Owner: Melodie Tessier		Total Stories: 1		Block/SubDivision: ---								
Builder Home ID:		Worst Case: No		PlatBook: ---								
Builder Name:		Rotate Angle: 0		Street: Pinemount Road								
Permit Office: Columbia County		Cross Ventilation: Yes		County: Columbia								
Jurisdiction:		Whole House Fan: No		City, State, Zip: Lake City, FL,								
Family Type: Detached		Terrain: Suburban										
New/Existing: New (From Plans)		Shielding: Suburban										
Year Construct: 2024												
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_REGIONA	32 92	70 75	1305.5	51	Medium		

BLOCKS									
✓	Number	Name	Area	Volume					
___	1	Block1	1523	13707 cu ft					

SPACES										
✓	Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___	1	1st Floor	1523	13707	Yes	5	2	Yes	Yes	Yes

FLOORS										(Total Exposed Area = 1523 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	1st Floor	183.33	1523 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	Hip	Composition shingles	1703 ft²	0 ft²	Medium	Y	0.96	No	0.9	No	0	26.57

ATTIC												
✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC					
___	1	Full attic	Vented	300	1523 ft²	Y	N					

CEILING								(Total Exposed Area = 1675 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	Double Batt	1675.3ft²	0.024	0.11	Wood		

INPUT SUMMARY CHECKLIST REPORT

WALLS (Total Exposed Area = 1650 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	62.0	0	9.0	0	558.0	0.084		0.23	0.75	0 %	
___ 2	E	Exterior	Frame - Wood	1st Floor	13.0	29.0	8	9.0	0	267.0	0.084		0.23	0.75	0 %	
___ 3	N	Exterior	Frame - Wood	1st Floor	13.0	62.0	0	9.0	0	558.0	0.084		0.23	0.75	0 %	
___ 4	W	Exterior	Frame - Wood	1st Floor	13.0	29.0	8	9.0	0	267.0	0.084		0.23	0.75	0 %	

DOORS (Total Exposed Area = 40 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	3.00	0	6.00	8	20.0ft²	

WINDOWS (Total Exposed Area = 183 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 Double	Y	0.36	0.25	N	N	30.0	2	3.00	5.00	1.5	1.0	None	None
___ 2	S	1	Vinyl	Low-E Double	Y	0.36	0.25	N	N	9.0	1	3.00	3.00	1.5	1.0	None	None
___ 3	E	2	Vinyl	Low-E Double	Y	0.36	0.25	N	N	9.0	1	3.00	3.00	1.5	1.0	None	None
___ 4	N	3	TIM	Low-E Double	Y	0.36	0.25	N	N	40.0	2	3.00	6.67	1.5	1.0	None	None
___ 5	N	3	Vinyl	Low-E Double	Y	0.36	0.25	N	N	75.0	5	3.00	5.00	1.5	1.0	None	None
___ 6	W	4	Vinyl	Low-E Double	Y	0.36	0.25	N	N	20.0	2	2.00	5.00	1.5	1.0	None	None

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00040	1599	87.73	164.71	0.1438	7.0	All	13707 cu ft

GARAGE					
✓ #	Floor Area	Roof Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
___ 1	455 ft²	455 ft²	60 ft	9 ft	1

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 Entry	HeatPump Power	Volts	Current	Ducts	Block
___ 1	Electric Heat Pump	None/Single		HSPF2: 8.80	25.7		0.00	0.00	0.00	sys#1	1

INPUT SUMMARY CHECKLIST REPORT

COOLING SYSTEM														
✓	#	System Type	Subtype/Speed		AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block			
___	1	Central Unit	None/Single			SEER2:15.5	19.5	600	0.75	sys#1	1			
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	Area	Location	Return R-Value	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN OUT	RLF	HVAC # Heat Cool
___	1	Attic	6.0	381 ft²	Attic	6.0	76 ft²	Default Leakage	Garage	(Default)	(Default)			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	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
___	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	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	68 66

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 93

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

Pinemount Road,Lake City,FL,

1. New construction or existing	New (From Plans)	10. Wall Types(1650.0 sqft.)	Insulation	Area
2. Single family or multiple family	Detached	a. Frame - Wood, Exterior	R=13.0	1650.00 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	2	c. N/A		
5. Is this a worst case?	No	d. N/A		
6. Conditioned floor area above grade (ft ²)	1523	11. Ceiling Types(1675.3 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Flat ceiling under att (Vented)	R=38.0	1675.30 ft ²
7. Windows**	Description	b. N/A		
a. U-Factor:	Dbl, U=0.36	c. N/A		
SHGC:	SHGC=0.25	12. Roof(Comp. Shingles, Vented) Deck	R=0.0	1703 ft ²
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft ²
SHGC:		a. Sup: Attic, Ret: Attic, AH: Garage	6	381
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	1.500 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.250	a. Central Unit	19.5	SEER2:15.50
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Heat Pump	25.7	HSPF2:8.80
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: 0.920	
b. N/A	R=	b. Conservation features		
c. N/A	R=	17. Credits	None	
			CV, 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: Pinemount Road

City/FL Zip: Lake City,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.

Envelope Leakage Test Report (Blower Door Test)
Residential Prescriptive, Performance or ERI Method Compliance
2023 Florida Building Code, Energy Conservation, 8th Edition

Jurisdiction:	Permit #:		
Job Information			
Builder:	Community:	Lot:	NA
Address: Pinemount Road			
City: Lake City	State: FL	Zip:	
Air Leakage Test Results <i>Passing results must meet either the Performance, Prescriptive, or ERI Method</i>			
☐ 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 R405-2023 (Performance) or R406-2023 (ERI), section labeled as infiltration, sub-section ACH50. ACH(50) specified on Form R405-2023-Energy Calc (Performance) or R406-2023 (ERI): 7.000 Method for calculating building volume: ☐ Retrieved from architectural plans ☒ Code software calculated ☐ Field measured and calculated			
$\frac{\text{CFM}(50)}{\text{Building Volume}} \times 60 \div \frac{13707}{\text{ACH}(50)} =$ PASS ☐ When ACH(50) is less than 3, Mechanical Ventilation installation must be verified by building department.			
R402.4.1.2 Testing. The building or dwelling unit shall be tested and verified as having an air leakage rate not exceeding seven air changes per hour in Climate Zones 1 and 2, and three air changes per hour in Climate Zones 3 through 8. Dwelling units with an air leakage rate less than three air changes per hour shall be provided with whole-house mechanical ventilation in accordance with Section R403.6.1 of this code and Section M1507.3 if the <i>Florida Building Code, Residential</i>. 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), <i>Florida Statutes</i>, 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 trade official <i>code official</i>. 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. 7. If an attic is both sealed and insulated at the roof deck, interior access doors and hatches between the conditioned space volume and the attic shall be opened during the test and the volume of the attic shall be added to the conditioned space volume for purposes of reporting the infiltration volume and calculating the air leakage of the home.			
Testing Company			
Company Name: _____ Phone: _____ I hereby verify that the above Air Leakage results are in accordance with the 2023 8th 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: _____			