

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: MATHERS-TEGGART Street: MATHERS-TEGGART City, State, Zip: FT. WHITE, FL, Owner: MATHERS-TEGGART Design Location: FL, Gainesville	Builder Name: Spann's Heating and Air INC. Permit Office: Permit Number: Jurisdiction: County: Gilchrist(Florida Climate Zone 2)
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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 4 5. Is this a worst case? No 6. Conditioned floor area above grade (ft²) 1842 Conditioned floor area below grade (ft²) 0 7. Windows(126.0 sqft.) Description Area a. U-Factor: Dbl, U=0.30 126.00 ft² SHGC: SHGC=0.20 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: Area Weighted Average Overhang Depth: 1.000 ft Area Weighted Average SHGC: 0.200 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 1840.20 ft² b. N/A R= ft² c. N/A R= ft²	10. Wall Types(1654.5 sqft.) Insulation Area a. Frame - Wood, Exterior R=19.0 1654.50 ft² b. N/A c. N/A d. N/A 11. Ceiling Types(1842.0 sqft.) Insulation Area a. Flat ceiling under att (Vented) R=38.0 1842.00 ft² b. N/A c. N/A 12. Roof(Metal, Vented) Deck R=0.0 1939 ft² 13. Ducts, location & insulation level R ft² a. Sup: Attic, Ret: Attic, AH: LAUNDRY 6 122 b. c. 14. Cooling Systems kBtu/hr Efficiency a. Central Unit 36.0 SEER2:14.30 15. Heating Systems kBtu/hr Efficiency a. Electric Heat Pump 36.0 HSPF2:7.80 16. Hot Water Systems Cap: 40 gallons a. Electric EF: 0.980 b. Conservation features None 17. Credits None
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Glass/Floor Area: 0.068

Total Proposed Modified Loads: 45.10

Total Baseline Loads: 49.50

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: TRISTAN SPANNDATE: 05-12-2025

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

OWNER/AGENT: [Signature]DATE: 5/12/26

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.
- 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 7.00 ACH50 (R402.4.1.2).

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	MATHERS- TEGGART	Bedrooms:	4	Address type:	Street Address
Building Type:	User	Conditioned Area:	1842	Lot #:	---
Owner:	MATHERS- TEGGART	Total Stories:	1	Block/SubDivision:	---
Builder Home ID:		Worst Case:	No	PlatBook:	---
Builder Name:	Spann's Heating and Air INC.	Rotate Angle:	0	Street:	MATHERS- TEGGART
Permit Office:		Cross Ventilation:	No	County:	Gilchrist
Jurisdiction:		Whole House Fan:	No	City, State, Zip:	FT. WHITE, 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	1842	18804 cu ft

SPACES

✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___ 1	BEDROOM 3	161	1449	No	1	1	Yes	Yes	Yes
___ 2	BATH 2	58	520	No	1		Yes	Yes	Yes
___ 3	BEDROOM 2	145	1305	No	1	1	Yes	Yes	Yes
___ 4	BEDROOM 4	155	1395	No	1	1	Yes	Yes	Yes
___ 5	KICTHEN	298	3570	No	2		Yes	Yes	Yes
___ 6	GREAT ROOM	444	5325	No	2		Yes	Yes	Yes
___ 7	LAUNDRY	116	1044	No	0		Yes	Yes	Yes
___ 8	CLOSET	87	783	No	0		Yes	Yes	Yes
___ 9	MASTER BATH	131	1175	No	1		Yes	Yes	Yes
___ 10	MASTER BEDROOM	247	2223	No	2	1	Yes	Yes	Yes

FLOORS

(Total Exposed Area = 1840 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	BEDROOM 3	25.5	161 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00
___ 2	Slab-On-Grade Edge Ins	BATH 2	5.5	57.8 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00
___ 3	Slab-On-Grade Edge Ins	BEDROOM 2	11.5	144.8 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00
___ 4	Slab-On-Grade Edge Ins	BEDROOM 4	25	155.3 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00
___ 5	Slab-On-Grade Edge Ins	KICTHEN	17.5	297.5 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00
___ 6	Slab-On-Grade Edge Ins	GREAT ROOM	18	443.8 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00
___ 7	Slab-On-Grade Edge Ins	LAUNDRY	22.5	116 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00
___ 8	Slab-On-Grade Edge Ins	CLOSET	6	87 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00
___ 9	Slab-On-Grade Edge Ins	MASTER BATH	9	130.5 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00
___ 10	Slab-On-Grade Edge Ins	MASTER BEDROOM	31.5	246.5 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00

INPUT SUMMARY CHECKLIST REPORT

ROOF

✓ #	Type	Materials	Roof Area	Gable Area	Framing. Fract.	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt Tested	Deck Insul.	Pitch (deg)
1	Gable or Shed	Metal	1939 ft²	306 ft²	0.0	Unfinished, Galvalume	N	0.35	No	0.4	No	0 18.43

ATTIC

✓ #	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
1	Full attic	Vented	300	1840 ft²	N	N

CEILING

(Total Exposed Area = 1842 sq.ft.)

✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type
1	Flat ceiling under attic(Vented)	BEDROOM 3	38.0	Blown	161.0ft²	0.049	0.10	Wood
2	Flat ceiling under attic(Vented)	BATH 2	38.0	Blown	58.0ft²	0.049	0.10	Wood
3	Flat ceiling under attic(Vented)	BEDROOM 2	38.0	Blown	145.0ft²	0.049	0.10	Wood
4	Flat ceiling under attic(Vented)	BEDROOM 4	38.0	Blown	155.0ft²	0.049	0.10	Wood
5	Flat ceiling under attic(Vented)	KITCHEN	38.0	Blown	298.0ft²	0.049	0.10	Wood
6	Flat ceiling under attic(Vented)	GREAT ROOM	38.0	Blown	444.0ft²	0.049	0.10	Wood
7	Flat ceiling under attic(Vented)	LAUNDRY	38.0	Blown	116.0ft²	0.049	0.10	Wood
8	Flat ceiling under attic(Vented)	CLOSET	38.0	Blown	87.0ft²	0.049	0.10	Wood
9	Flat ceiling under attic(Vented)	MASTER BATH	38.0	Blown	131.0ft²	0.049	0.10	Wood
10	Flat ceiling under attic(Vented)	MASTER BEDROOM	38.0	Blown	247.0ft²	0.049	0.10	Wood

WALLS

(Total Exposed Area = 1655 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	BEDROOM 3	19.0	14.0 0	9.0 0	126.0	0.072	0	0.25	0.40	0.0 %
2	W	Exterior	Frame - Wood	BEDROOM 3	19.0	11.0 6	9.0 0	103.5	0.072	0	0.25	0.40	0.0 %
3	W	Exterior	Frame - Wood	BATH 2	19.0	5.0 6	9.0 0	49.5	0.072	0	0.25	0.40	0.0 %
4	W	Exterior	Frame - Wood	BEDROOM 2	19.0	11.0 6	9.0 0	103.5	0.072	0	0.25	0.40	0.0 %
5	S	Exterior	Frame - Wood	BEDROOM 4	19.0	13.0 6	9.0 0	121.5	0.072	0	0.25	0.40	0.0 %
6	W	Exterior	Frame - Wood	BEDROOM 4	19.0	11.0 6	9.0 0	103.5	0.072	0	0.25	0.40	0.0 %
7	N	Exterior	Frame - Wood	KITCHEN	19.0	17.0 6	12.0 0	210.0	0.072	0	0.25	0.40	0.0 %
8	S	Exterior	Frame - Wood	GREAT ROOM	19.0	18.0 0	12.0 0	216.0	0.072	0	0.25	0.40	0.0 %
9	N	Exterior	Frame - Wood	LAUNDRY	19.0	14.0 6	9.0 0	130.5	0.072	0	0.25	0.40	0.0 %
10	E	Exterior	Frame - Wood	LAUNDRY	19.0	8.0 0	9.0 0	72.0	0.072	0	0.25	0.40	0.0 %
11	E	Exterior	Frame - Wood	CLOSET	19.0	6.0 0	9.0 0	54.0	0.072	0	0.25	0.40	0.0 %
12	E	Exterior	Frame - Wood	MASTER BATH	19.0	9.0 0	9.0 0	81.0	0.072	0	0.25	0.40	0.0 %
13	E	Exterior	Frame - Wood	MASTER BEDROOM	19.0	17.0 0	9.0 0	153.0	0.072	0	0.25	0.40	0.0 %
14	S	Exterior	Frame - Wood	MASTER BEDROOM	19.0	14.0 6	9.0 0	130.5	0.072	0	0.25	0.40	0.0 %

DOORS

(Total Exposed Area = 105 sq.ft.)

✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft In	Height Ft In	Area
1	N	Exterior	Insulated	KITCHEN	None	0.40	6.00 0	7.00 0	42.0ft²
2	S	Exterior	Insulated	GREAT ROOM	None	0.40	6.00 0	7.00 0	42.0ft²
3	E	Exterior	Insulated	LAUNDRY	None	0.40	3.00 0	7.00 0	21.0ft²

INPUT SUMMARY CHECKLIST REPORT

WINDOWS

(Total Exposed Area = 126 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	1	Vinyl	Double (Clear)	Y	0.30	0.20	N	N	15.0	1	3.00	5.00	1.0	1.0	None	None
___ 2	W	3	Vinyl	Double (Clear)	Y	0.30	0.20	N	N	9.0	1	3.00	3.00	1.0	1.0	None	None
___ 3	W	4	Vinyl	Double (Clear)	Y	0.30	0.20	N	N	15.0	1	3.00	5.00	1.0	1.0	None	None
___ 4	S	5	Vinyl	Double (Clear)	Y	0.30	0.20	N	N	15.0	1	3.00	5.00	1.0	1.0	None	None
___ 5	N	7	Vinyl	Double (Clear)	Y	0.30	0.20	N	N	12.0	1	4.00	3.00	1.0	1.0	None	None
___ 6	S	8	Vinyl	Double (Clear)	Y	0.30	0.20	N	N	30.0	2	3.00	5.00	1.0	1.0	None	None
___ 7	E	12	Vinyl	Double (Clear)	Y	0.30	0.20	N	N	9.0	1	3.00	3.00	1.0	1.0	None	None
___ 8	E	13	Vinyl	Double (Clear)	Y	0.30	0.20	N	N	6.0	1	4.00	1.50	1.0	1.0	None	None
___ 9	S	14	Vinyl	Double (Clear)	Y	0.30	0.20	N	N	15.0	1	3.00	5.00	1.0	1.0	None	None

INFILTRATION

✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00045	2192	120.26	225.78	0.1512	7.0	All	18789 cu ft

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	BATH 2
___ 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	BEDROOM 4
___ 5	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	KITCHEN
___ 6	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	GREAT ROOM
___ 7	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	LAUNDRY
___ 8	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	CLOSET
___ 9	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	MASTER BATH
___ 10	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	MASTER BEDROOM

HEATING SYSTEM

✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal HeatPump--- Entry Power Volt Current	Ducts	Block
___ 1	Electric Heat Pump	Split/Single		HSPF2: 7.80	36.0	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		SEER2:14.3	36.0	1080	0.70	sys#1	1

INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM												
☒	#	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixt. Flow	Trap	Pipe Ins.	Pipe length
___	1	Electric	None	LAUNDRY	0.98 (0.94)	40.0 gal	70 gal	120 deg	Standard	Yes	=>R-3	99
		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	Return R-Value	Area	Leakage Type	AHU Location	CFM 25 TOT OUT	QN OUT	AHU SEALED	HVAC # Heat Cool
___	1	Attic	6.0	122 ft²	Attic	6.0	5 ft²	Default Leakage	LAUNDRY (Default)	(Default)		1 1

TEMPERATURES													
Programable Thermostat: N						Ceiling Fans: N							
Cooling	☐ Jan	☐ Feb	☐ Mar	☐ Apr	☐ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☐ Oct	☐ Nov	☐ Dec	
Heating	☒ Jan	☒ Feb	☒ Mar	☐ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☐ Oct	☒ Nov	☒ Dec	
Venting	☐ Jan	☐ Feb	☒ Mar	☒ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☒ Oct	☒ 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 80	78 80	78 78	78 78	78 78	78 78	80 78	80 78	80 78
___	Cooling (WEH)	AM PM	78 80	78 80	78 80	78 80	78 78	78 78	78 78	78 78	80 78	80 78	80 78
___	Heating (WD)	AM PM	65 68	65 68	65 68	65 68	65 68	65 68	65 68	68 68	68 68	68 68	68 68
___	Heating (WEH)	AM PM	65 68	65 68	65 68	65 68	65 68	65 68	65 68	68 68	68 68	68 68	68 68

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 91

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

MATHERS- TEGGART, FT. WHITE, FL,

1. New construction or existing	New (From Plans)	10. Wall Types(1654.5 sqft.)	Insulation	Area
2. Single family or multiple family	Detached	a. Frame - Wood, Exterior	R=19.0	1654.50 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	4	c. N/A		
5. Is this a worst case?	No	d. N/A		
6. Conditioned floor area above grade (ft ²)	1842	11. Ceiling Types(1842.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Flat ceiling under att (Vented)	R=38.0	1842.00 ft ²
7. Windows**	Description	b. N/A		
a. U-Factor:	DbI, U=0.30	c. N/A		
SHGC:	SHGC=0.20	12. Roof(Metal, Vented)	Deck R=0.0	1939 ft ²
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft ²
SHGC:		a. Sup: Attic, Ret: Attic, AH: LAUNDRY	6	122
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:	0.200	a. Central Unit	36.0	SEER2:14.30
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Heat Pump	36.0	HSPF2:7.80
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: 0.980	
b. N/A	R=	b. Conservation features		None
c. N/A	R=	17. Credits		None

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: Matthew

Date: 5/12/26

Address of New Home: MATHERS- TEGGART

City/FL Zip: FT. WHITE, 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.