

Project Name: Picklo Residence Street: City, State, Zip: , FL, Owner: Design Location: FL, Gainesville	Builder Name: Permit Office: Permit Number: Jurisdiction: County: Columbia(Florida Climate Zone 2)
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Glass/Floor Area: 0.118	Total Proposed Modified Loads: 40.59	
	Total Baseline Loads: 43.08	

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: _____ DATE: 1-29-26 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: _____
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- 1/29/2026 4:40:54 PM EnergyGauge® USA 8.0.00 - FlaRes2023 FBC 8th Edition (2023) Compliant Software Page 1

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title: Picklo Residence

Building Type: User

Owner:

Builder Home ID:

Builder Name:

Permit Office:

Jurisdiction:

Family Type: Detached

New/Existing: New (From Plans)

Year Construct: 2026

Comment:

Bedrooms: 3

Conditioned Area: 1577

Total Stories: 1

Worst Case: No

Rotate Angle: 0

Cross Ventilation:

Whole House Fan:

Terrain: Rural

Shielding: Moderate/Rural

Address type: Street Address

Lot #: ---

Block/SubDivision: ---

PlatBook: ---

Street:

County: Columbia

City, State, Zip: , FL,

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

1577

14193 cu ft

SPACES

✓ Number

Name

Area

Volume

Kitchen

Occupants

Bedrooms

Finished

Cooled

Heated

___ 1

Main

1577

14193

Yes

6

3

Yes

Yes

Yes

FLOORS (Total Exposed Area = 1577 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

Main

164

1577 sqft

0.0 ---

0.563

0 (ft)/0 (ft)

0.20

0.60

0.20

ROOF

✓ #

Type

Materials

Roof Area

Gable Area

Framing. Fract.

Roof Color

Rad Barr

Solar Absor.

SA Tested

Emitt

Emitt Tested

Deck Insul.

Pitch (deg)

___ 1

Gable or shed

Metal

1763 ft²

394 ft²

0.11

Unf, Gal.

N

0.7

No

0.7

No

0

26.57

ATTIC

✓ #

Type

Ventilation

Vent Ratio (1 in)

Area

RBS

IRCC

___ 1

Full attic

Vented

300

1577 ft²

N

N

CEILING (Total Exposed Area = 1577 sq.ft.)

✓ #

Ceiling Type

Space

R-Value

Ins. Type

Area

U-Factor

Framing Frac.

Truss Type

___ 1

Flat ceiling under attic(Vented)

Main

30.0

Blown

1577.0ft²

0.030

0.11

Wood

INPUT SUMMARY CHECKLIST REPORT

WALLS																		(Total Exposed Area = 1473 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	Main	13.0	30.0	6	9.0	0	274.5	0.084		0.23	0.75	0 %						
___ 2	E	Exterior	Frame - Wood	Main	13.0	51.0	4	9.0	0	462.0	0.084		0.23	0.75	0 %						
___ 3	S	Exterior	Frame - Wood	Main	13.0	30.0	6	9.0	0	274.5	0.084		0.23	0.75	0 %						
___ 4	W	Exterior	Frame - Wood	Main	13.0	51.0	4	9.0	0	462.0	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	N	Exterior	Insulated	Main	None	0.46	3.00	0	6.00	8	20.0ft²						
___ 2	S	Exterior	Insulated	Main	None	0.46	3.00	0	6.00	8	20.0ft²						

WINDOWS																		(Total Exposed Area = 186 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	2	Vinyl	Low-E Double	Y	0.26	0.20	N	N	15.0	2	2.50	3.00	1.5	1.3	None	None				
___ 2	E	2	Vinyl	Low-E Double	Y	0.26	0.20	N	N	60.0	4	3.00	5.00	1.5	1.3	None	None				
___ 3	S	3	Vinyl	Low-E Double	Y	0.26	0.20	N	N	60.0	4	3.00	5.00	9.5	1.3	None	None				
___ 4	W	4	Vinyl	Low-E Double	Y	0.26	0.20	N	N	45.0	3	3.00	5.00	1.5	1.3	None	None				
___ 5	W	4	Vinyl	Low-E Double	Y	0.26	0.20	N	N	6.0	1	2.00	3.00	1.5	1.3	None	None				

INFILTRATION											
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume	
___ 1	Wholehouse	Proposed ACH(50)	0.00029	1183	64.89	121.82	0.1027	5.0	All	14193 cu ft	

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

HEATING SYSTEM											
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal HeatPump--- Entry Power Volt Current			Ducts	Block	
___ 1	Electric Heat Pump	None/Single		HSPF2: 7.50	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	None/Single		SEER2:16.0	36.0	1080	0.75	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	Propane	Tankless	Exterior	0.59 (0.59)	1.0 gal	60 gal	120 deg	Standard	Yes	None	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 #	-----Supply----- Location R-Value Area	-----Return----- Location R-Value Area	Leakage Type	AHU Location	CFM 25 TOT OUT	QN OUT	AHU SEALED	RLF	HVAC # Heat	Cool	
___	1	Attic 6.0 315 ft²	Attic 6.0 79 ft²	Prop. Leak Free	Main	--- ---	0.030	Yes	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 78 PM 80	78 80	78 80	78 80	78 80	78 80	78 80	78 80	80 78	80 78	80 78	80 78
___	Cooling (WEH)	AM 78 PM 80	78 80	78 80	78 80	78 80	78 80	78 80	78 80	80 78	80 78	80 78	80 78
___	Heating (WD)	AM 65 PM 68	65 68	65 68	65 68	65 68	65 68	65 68	68 68	68 68	68 68	68 68	68 68
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