

Project Name: Klamfoth Residence			Builder Name:		
Street:			Permit Office:		
City, State, Zip: , FL,			Permit Number:		
Owner:			Jurisdiction:		
Design Location: FL, Gainesville			County: Columbia(Florida Climate Zone 2)		

1. New construction or existing	New (From Plans)		10. Wall Types(3497.3 sqft.)	Insulation	Area
2. Single family or multiple family	Detached		a. Frame - Wood, Exterior	R=13.0	3069.00 ft ²
3. Number of units, if multiple family	1		b. Frame - Wood, Adjacent	R=13.0	428.33 ft ²
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)	2954		11. Ceiling Types(2954.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0		a. Single assembly, no ai (Vented)	R=30.0	2954.00 ft ²
7. Windows(284.0 sqft.)	Description	Area	b. N/A		
a. U-Factor:	Dbl, U=0.26	284.00 ft ²	c. N/A		
SHGC:	SHGC=0.20		12. Roof(Comp. Shingles, Unvent) Deck	R=30.0	3420 ft ²
b. U-Factor:	N/A	ft ²	13. Ducts, location & insulation level	R	ft ²
SHGC:			a. Sup: Main, Ret: Main, AH: Garage	6	591
c. U-Factor:	N/A	ft ²	b.		
SHGC:			c.		
Area Weighted Average Overhang Depth:	1.500 ft		14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.200		a. Central Unit	60.0	SEER2:15.00
8. Skylights	Description	Area	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	N/A ft ²	a. Electric Heat Pump	60.0	HSPF2:7.80
SHGC(AVG):	N/A		16. Hot Water Systems		
9. Floor Types	Insulation	Area	a. ElectricTankless	Cap: 1 gallons	
a. Slab-On-Grade Edge Insulation	R= 0.0	2954.00 ft ²		EF: 0.920	
b. N/A	R=	ft ²	b. Conservation features		
c. N/A	R=	ft ²	17. Credits		None
					Pstat

PASS

The Seal of the State of Florida is a circular emblem. The outer ring contains the text "GREAT SEAL OF THE STATE OF FLORIDA" at the top and "IN GOD WE TRUST" at the bottom, separated by two stars. The inner circle depicts a woman in a long dress standing on a shore, holding a torch aloft in her right hand. A palm tree stands behind her. In the background, a ship is visible on the water under a rising sun with rays emanating from it. The foreground features a small altar with a vase and some foliage.

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INPUT SUMMARY CHECKLIST REPORT

PROJECT												
Title:	Klamfoth Residence				Address type:		Street Address					
Building Type:	User		Bedrooms:	4	Lot #:		---					
Owner:			Conditioned Area:	2954	Block/SubDivision:		---					
Builder Home ID:			Total Stories:	1	PlatBook:		---					
Builder Name:			Worst Case:	No	Street:							
Permit Office:			Rotate Angle:	0	County:		Columbia					
Jurisdiction:			Cross Ventilation:		City, State, Zip:		, FL,					
Family Type:	Detached		Whole House Fan:									
New/Existing:	New (From Plans)		Terrain:	Rural								
Year Construct:	2023		Shielding:	Moderate/Rural								
Comment:												
CLIMATE												
✓ Design Location	Tmy Site		Design Temp		Int Design Temp		Heating		Design		Daily temp	
			97.5%	2.5%	Winter	Summer	Degree Days		Moisture		Range	
___ FL, Gainesville	FL_GAINESVILLE_REGIONA		32	92	70	75	1305.5		51		Medium	
BLOCKS												
✓ Number	Name	Area	Volume									
___ 1	Block1	2954	29540 cu ft									
SPACES												
✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated			
___ 1	Main	2954	29540	Yes	8	4	Yes	Yes	Yes			
FLOORS (Total Exposed Area = 2954 sq.ft.)												
✓ #	Floor Type	Space	Exposed Perim	Perimeter R-Value	Area	U-Factor	Joist R-Value	Tile	Wood	Carpet		
___ 1	Slab-On-Grade Edge Ins	Main	339	0	2954 ft	0.563	---	0.20	0.60	0.20		
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	3420 ft²	862 ft²	Dark	N	0.96	No	0.9	No	30	30.26
ATTIC												
✓ #	Type	Ventilation	Vent Ratio (1 in)		Area	RBS	IRCC					
___ 1	No attic	Unvented	0		2954 ft²	N	N					
CEILING (Total Exposed Area = 2954 sq.ft.)												
✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type				
___ 1	Single assembly, no airspace(Unvented)	Main	30.0	Blown	2954.0ft²	0.032	0.11	Wood				

INPUT SUMMARY CHECKLIST REPORT

WALLS															(Total Exposed Area = 3497 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	16.0	4	10.0	0	163.3	0.094		0.23	0.75	0 %				
___ 2	E	Exterior	Frame - Wood	Main	13.0	12.0	0	10.0	0	120.0	0.094		0.23	0.75	0 %				
___ 3	N	Exterior	Frame - Wood	Main	13.0	31.0	0	12.0	0	372.0	0.094		0.23	0.75	0 %				
___ 4	W	Exterior	Frame - Wood	Main	13.0	2.0	0	12.0	0	24.0	0.094		0.23	0.75	0 %				
___ 5	N	Exterior	Frame - Wood	Main	13.0	12.0	4	12.0	0	148.0	0.094		0.23	0.75	0 %				
___ 6	W	Exterior	Frame - Wood	Main	13.0	26.0	0	10.0	0	260.0	0.094		0.23	0.75	0 %				
___ 7	N	Exterior	Frame - Wood	Main	13.0	23.0	4	10.0	0	233.3	0.094		0.23	0.75	0 %				
___ 8	E	Exterior	Frame - Wood	Main	13.0	3.0	0	10.0	0	30.0	0.094		0.23	0.75	0 %				
___ 9	N	Exterior	Frame - Wood	Main	13.0	4.0	0	10.0	0	40.0	0.094		0.23	0.75	0 %				
___ 10	E	Exterior	Frame - Wood	Main	13.0	14.0	0	10.0	0	140.0	0.094		0.23	0.75	0 %				
___ 11	S	Exterior	Frame - Wood	Main	13.0	4.0	0	10.0	0	40.0	0.094		0.23	0.75	0 %				
___ 12	E	Exterior	Frame - Wood	Main	13.0	19.0	0	10.0	0	190.0	0.094		0.23	0.75	0 %				
___ 13	S	Garage	Frame - Wood	Main	13.0	42.0	10	10.0	0	428.3	0.094		0.23	0.75	0 %				
___ 14	S	Exterior	Frame - Wood	Main	13.0	12.0	0	12.0	0	144.0	0.094		0.23	0.75	0 %				
___ 15	E	Exterior	Frame - Wood	Main	13.0	2.0	0	12.0	0	24.0	0.094		0.23	0.75	0 %				
___ 16	S	Exterior	Frame - Wood	Main	13.0	12.0	0	12.0	0	144.0	0.094		0.23	0.75	0 %				
___ 17	W	Exterior	Frame - Wood	Main	13.0	2.0	0	12.0	0	24.0	0.094		0.23	0.75	0 %				
___ 18	S	Exterior	Frame - Wood	Main	13.0	12.0	0	12.0	0	144.0	0.094		0.23	0.75	0 %				
___ 19	E	Exterior	Frame - Wood	Main	13.0	10.0	2	10.0	0	101.7	0.094		0.23	0.75	0 %				
___ 20	S	Exterior	Frame - Wood	Main	13.0	12.0	0	10.0	0	120.0	0.094		0.23	0.75	0 %				
___ 21	W	Exterior	Frame - Wood	Main	13.0	2.0	6	10.0	0	25.0	0.094		0.23	0.75	0 %				
___ 22	S	Exterior	Frame - Wood	Main	13.0	11.0	8	10.0	0	116.7	0.094		0.23	0.75	0 %				
___ 23	W	Exterior	Frame - Wood	Main	13.0	46.0	6	10.0	0	465.0	0.094		0.23	0.75	0 %				

DOORS															(Total Exposed Area = 224 sq.ft.)				
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area								
___ 1	N	Exterior	Insulated	Main	None	0.40	6.00	0	8.00	0	48.0ft²								
___ 2	W	Exterior	Insulated	Main	None	0.40	3.00	0	8.00	0	24.0ft²								
___ 3	S	Garage	Insulated	Main	None	0.40	3.00	0	8.00	0	24.0ft²								
___ 4	S	Exterior	Insulated	Main	None	0.40	5.00	0	8.00	0	40.0ft²								
___ 5	S	Exterior	Insulated	Main	None	0.40	6.00	0	8.00	0	48.0ft²								
___ 6	S	Exterior	Insulated	Main	None	0.40	5.00	0	8.00	0	40.0ft²								

WINDOWS															(Total Exposed Area = 284 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	Low-E Double	Y	0.26	0.20	N	N	18.0	1	3.00	6.00	1.5	2.3	None	None		
___ 2	N	3	Vinyl	Low-E Double	Y	0.26	0.20	N	N	72.0	4	3.00	6.00	1.5	2.3	None	None		
___ 3	N	5	Vinyl	Low-E Double	Y	0.26	0.20	N	N	24.0	2	3.00	4.00	1.5	2.3	None	None		
___ 4	W	6	Vinyl	Low-E Double	Y	0.26	0.20	N	N	36.0	2	3.00	6.00	1.5	2.3	None	None		
___ 5	N	7	Vinyl	Low-E Double	Y	0.26	0.20	N	N	36.0	3	2.00	6.00	1.5	2.3	None	None		
___ 6	E	10	Vinyl	Low-E Double	Y	0.26	0.20	N	N	8.0	2	2.00	2.00	1.5	2.3	None	None		
___ 7	E	12	Vinyl	Low-E Double	Y	0.26	0.20	N	N	12.0	1	3.00	4.00	1.5	2.3	None	None		
___ 8	S	20	Vinyl	Low-E Double	Y	0.26	0.20	N	N	18.0	1	3.00	6.00	1.5	2.3	None	None		
___ 9	S	22	Vinyl	Low-E Double	Y	0.26	0.20	N	N	18.0	1	3.00	6.00	1.5	2.3	None	None		
___ 10W		23	Vinyl	Low-E Double	Y	0.26	0.20	N	N	36.0	2	3.00	6.00	1.5	2.3	None	None		
___ 11W		23	Vinyl	Low-E Double	Y	0.26	0.20	N	N	6.0	1	2.00	3.00	1.5	2.3	None	None		

INPUT SUMMARY CHECKLIST REPORT

INFILTRATION												
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume		
___ 1	Wholehouse	Proposed ACH(50)	0.00030	2322	127.40	239.17	0.1010	4.7	All	29540 cu ft		

GARAGE						
✓ #	Floor Area	Roof Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation	
___ 1	782 ft²	782 ft²	70 ft	10 ft	1	

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---			Ducts	Block
						Entry	Power	Volt	Current	
___ 1	Electric Heat Pump	None/Single		HSPF2: 7.80	60.0		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		SEER2:15.0	60.0	1800	0.85	sys#1	1

HOT WATER SYSTEM										
✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length
___ 1	Electric	Tankless	Exterior	0.92 (0.92)	1.00 gal	70 gal	120 deg	Standard	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	Air Handler	CFM 25 TOT	CFM 25 OUT	Qn	RLF	HVAC # Heat Cool
___ 1	Main	6.0	591 ft²	Main	6.0	148 ft²	Prop. Leak Free	Garage	---	---	0.03	0.50	1 1

TEMPERATURES												
Programable Thermostat: Y						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

INPUT SUMMARY CHECKLIST REPORT

TEMPERATURES(Continued)

✓ Thermostat Schedule: HERS 2006 Reference		Hours											
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	80	80	80	80
	PM	80	80	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
	PM	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
	PM	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
	PM	68	68	68	68	68	68	68	68	68	68	66	66