

Project Name: Coppock Residence Street: City, State, Zip: , FL, Owner: Design Location: FL, Gainesville				Builder Name: Permit Office: 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 3 5. Is this a worst case? No 6. Conditioned floor area above grade (ft²) 1893 Conditioned floor area below grade (ft²) 0 7. Windows(253.8 sqft.) Description Area a. U-Factor: Dbl, U=0.26 253.83 ft² SHGC: SHGC=0.20 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: Area Weighted Average Overhang Depth: 1.500 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 1893.00 ft² b. N/A R= ft² c. N/A R= ft²				10. Wall Types(2058.0 sqft.) Insulation Area a. Frame - Wood, Exterior R=13.0 2058.00 ft² b. N/A c. N/A d. N/A 11. Ceiling Types(1893.0 sqft.) Insulation Area a. Flat ceiling under att (Vented) R=30.0 1893.00 ft² b. N/A c. N/A 12. Roof(Comp. Shingles, Vented) Deck R=0.0 2275 ft² 13. Ducts, location & insulation level R ft² a. Sup: Attic, Ret: Attic, AH: Main 6 379 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 HSPF2:7.50 16. Hot Water Systems a. Electric Cap: 50 gallons EF: 0.920 b. Conservation features None 17. Credits CF, Pstat			

PASS

- 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 4.89 ACH50 (R402.4.1.2).

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INPUT SUMMARY CHECKLIST REPORT

WALLS															(Total Exposed Area = 2058 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	15.0	4	9.0	0	138.0	0.094		0.23	0.75	0 %				
___ 2	E	Exterior	Frame - Wood	Main	13.0	7.0	8	9.0	0	69.0	0.094		0.23	0.75	0 %				
___ 3	N	Exterior	Frame - Wood	Main	13.0	27.0	0	9.0	0	243.0	0.094		0.23	0.75	0 %				
___ 4	W	Exterior	Frame - Wood	Main	13.0	7.0	8	9.0	0	69.0	0.094		0.23	0.75	0 %				
___ 5	N	Exterior	Frame - Wood	Main	13.0	7.0	0	9.0	0	63.0	0.094		0.23	0.75	0 %				
___ 6	W	Exterior	Frame - Wood	Main	13.0	3.0	0	9.0	0	27.0	0.094		0.23	0.75	0 %				
___ 7	N	Exterior	Frame - Wood	Main	13.0	10.0	6	9.0	0	94.5	0.094		0.23	0.75	0 %				
___ 8	E	Exterior	Frame - Wood	Main	13.0	46.0	10	9.0	0	421.5	0.094		0.23	0.75	0 %				
___ 9	S	Exterior	Frame - Wood	Main	13.0	12.0	6	9.0	0	112.5	0.094		0.23	0.75	0 %				
___ 10	W	Exterior	Frame - Wood	Main	13.0	7.0	8	9.0	0	69.0	0.094		0.23	0.75	0 %				
___ 11	S	Exterior	Frame - Wood	Main	13.0	13.0	0	9.0	0	117.0	0.094		0.23	0.75	0 %				
___ 12	W	Exterior	Frame - Wood	Main	13.0	4.0	0	9.0	0	36.0	0.094		0.23	0.75	0 %				
___ 13	S	Exterior	Frame - Wood	Main	13.0	28.0	4	9.0	0	255.0	0.094		0.23	0.75	0 %				
___ 14	W	Exterior	Frame - Wood	Main	13.0	9.0	0	9.0	0	81.0	0.094		0.23	0.75	0 %				
___ 15	S	Exterior	Frame - Wood	Main	13.0	6.0	0	9.0	0	54.0	0.094		0.23	0.75	0 %				
___ 16	W	Exterior	Frame - Wood	Main	13.0	23.0	2	9.0	0	208.5	0.094		0.23	0.75	0 %				

DOORS												(Total Exposed Area = 60 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	3.00	0	6.00	8	20.0ft²			
___ 2	S	Exterior	Insulated	Main	None	0.40	3.00	0	6.00	8	20.0ft²			
___ 3	W	Exterior	Insulated	Main	None	0.40	3.00	0	6.00	8	20.0ft²			

WINDOWS																	(Total Exposed Area = 254 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	20.0	2	2.00	5.00	1.5	2.3	None	None		
___ 2	N	3	Vinyl	Low-E Double	Y	0.26	0.20	N	N	9.0	1	3.00	3.00	1.5	2.3	None	None		
___ 3	N	3	Vinyl	Low-E Double	Y	0.26	0.20	N	N	30.0	2	3.00	5.00	1.5	2.3	None	None		
___ 4	N	7	Vinyl	Low-E Double	Y	0.26	0.20	N	N	12.5	1	2.50	5.00	1.5	2.3	None	None		
___ 5	E	8	Vinyl	Low-E Double	Y	0.26	0.20	N	N	20.0	2	2.00	5.00	1.5	2.3	None	None		
___ 6	E	8	Vinyl	Low-E Double	Y	0.26	0.20	N	N	30.0	2	3.00	5.00	1.5	2.3	None	None		
___ 7	S	9	Vinyl	Low-E Double	Y	0.26	0.20	N	N	30.0	2	3.00	5.00	1.5	2.3	None	None		
___ 8	S	11	Vinyl	Low-E Double	Y	0.26	0.20	N	N	15.0	1	3.00	5.00	1.5	2.3	None	None		
___ 9	S	13	Vinyl	Low-E Double	Y	0.26	0.20	N	N	13.3	2	1.00	6.67	1.5	2.3	None	None		
___ 10S		13	Vinyl	Low-E Double	Y	0.26	0.20	N	N	30.0	2	3.00	5.00	1.5	2.3	None	None		
___ 11S		13	Vinyl	Low-E Double	Y	0.26	0.20	N	N	9.0	1	3.00	3.00	1.5	2.3	None	None		
___ 12S		15	Vinyl	Low-E Double	Y	0.26	0.20	N	N	15.0	1	3.00	5.00	1.5	2.3	None	None		
___ 13W		16	Vinyl	Low-E Double	Y	0.26	0.20	N	N	20.0	2	2.00	5.00	1.5	2.3	None	None		

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00028	1389	76.18	143.02	0.1004	4.9	All	17037 cu ft

INPUT SUMMARY CHECKLIST REPORT

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: 7.50	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		SEER2:14.3	36.0	1080	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	None	Main	0.92 (0.92)	50.00 gal	60 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 #	Location	-----Supply----- R-Value Area	-----Return----- R-Value Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN	RLF	HVAC # Heat Cool			
___ 1	Attic	6.0 379 ft²	Attic 6.0 95 ft²	Default Leakage	Main	(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	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	