FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Hubbart Res Street: 14784 SW Tustenuggee Ave City, State, Zip. Ft White , FL, 32038 Owner: Jesse & Elizabeth Hubbart 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 3 5. Is this a worst case? No 6. Conditioned floor area above grade (ft²) 1611 Conditioned floor area below grade (ft²) 0 7. Windows(190 0 sqft) Description Area a. U-Factor: Dbl, U=0.36 190.00 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 N/A N/A ft² SHGC(AVG) N/A Rea U-Factor:Yippes Insulation Area a. Slab-On-Grade Edge Insulation R= 0.0 1611.00 ft² b. N/A R= ft² c N/A R= ft²	10. Wall Types (1402.7 sqft.) a. Frame - Wood, Exterior b N/A c. N/A d N/A 11. Ceiling Types (1772.1 sqft.) a. Flat ceiling under att (Vented) b. N/A c. N/A c. N/A 12. Roof (Comp. Shingles Vented) 13. Ducts, location & insulation Holder a. Sup Attic, Ret: Atto Att 1st Floor b. c. 14. Cooling Systems a. Central Unit FILE CO 29/5 EFER2.16.50 15. Heating Systems a. Electric Heat Pump 5. Exami29 HSPF2:8.80 16. Hot Water Systems a PropaneTankless Cap: 1 gallons EF: 0 590 b. Conservation features None 17. Credits
Glass/Floor Area 0.118 Total Proposed Modifi Total Baseli NOTE Proposed residence must have annual total normalized Modified Loads that are less than or	ed Loads: 39.45 ne Loads: 42.56 PASS
I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code PREPARED BY 3 / 26 / 2025 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

- 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

				PRO	JECT								
Title Building Type Owner Builder Home ID Builder Name Permit Office Jurisdiction Family Type New/Existing Year Construct Comment	Hubbart Res User Jesse & Elizak Columbia Cou Detached New (From Pla 2025	nty	Total S Worst Rotate Cross	oned Area tories Case Angle Ventilation House Fan	Sub	urban urban	Lot # Bloc Plati Stre Cou	k/SubDivis 3ook. et	 sion 14 C F1	treet Addr - - - 4784 SW olumbia t White , L, 32038		gee Ave	
				CLIN	/ATE								
/ Design Location		Tmy Site	<u> </u>	Des 97 5%	sign Tem 6 25			ın Temp Summer		ating ee Days	Desig Moistur		ily temp nge
FL, Gainesville	9	FL_GAINESVILL	E_REGIO	NA 32	92		70	75	130	5 5	51	Medi	um
				BLC	CKS								
Number	Name	Area	\	/olume									
1	Block1	1611	,	12888 cu ft									
		377		SPA	CES								
Number	Name	Area	Volume	e Kitchen	Осс	upants	Bed	rooms	Fini	shed	Cod	oled h	-leated
1	1st Floor	1611	1288	8 Yes		6		3	Yes	3	Y	es	Yes
				FLO	ORS		(Total E	xpos	ed Are	ea = 1	611 sq	.ft.)
# Floor Ty	pe	Space		posed rim(ft)	Area		alue Joist	U-Factor	Sla Vert/l	b Insul Horiz	Tile	Wood	Carpet
1 Slab-On-G	Brade Edge Ins	1st Floor	178	33 16	11 sqft	0 0		0 304	2	(ft)/0 (ft)	0 00	0 00	1 00
				RC	OF								30.20
/ # Type		Materials	Roof Area		raming Fract	Roof Color	Rad Barr		SA Test		Emitt Tested	Deck Insul	Pitch (deg)
1 Hip	Con	position shingles	1801 ft²	O ft²	0 11	Medium	Y	0 96	No	09	No	0	26 57
				AT	TIC								
# Type		Ventilat	ion	Vent	Ratio (1	n)	Area	RBS	3	IRCC	;	_	
1 Full attic		Vente	d		300	1	611 ft²	Y		N			
				CEII	LING		(Total E	xpos	ed Are	ea = 1	772 sq	.ft.)
# Ceiling	Гуре	<u> </u>	Space	R-\	/alue	ns Typ	e Ar	ea U	-Factor	Framin	g Frac	Trus	ss Type
1 Flat ceiling	under attic(Ven	tod)	1st Floor	•	8.0 D	aulala D	att 177) 1ft2	0 024	0 1	 11		Vood

INPUT SUMMARY CHECKLIST REPORT

							x, r., 30, 50		W.	\LLS	3		(Tota	al Expo	sed A	Area	= 14()3 sq.	ft.)
\checkmark	#	Ornt	•	acent o	Wall Type		Space)		vity Value	Width Ft In		Height Ft In	Area sq ft	U- Factor	Sheat R-Val	n Frm ue Frac	Solar Absor	Below Grade
	_1 _2 _3 _4 _5 _6	S E N E N W		Exterior Exterior Exterior Exterior Exterior Exterior	Frame - Wood Frame - Wood Frame - Wood Frame - Wood Frame - Wood Frame - Wood	i i i i	1st 1st 1st 1st	Floor Floor Floor Floor Floor		13.0 13.0 13.0 13.0 13.0 13.0	47 0 0 15 0 8 12 0 0 25 0 0 35 0 0 40 0 8	3 8) 8) 8	30 0 30 0 30 0 30 0 30 0	376 0 125 3 96 0 200 0 280.0 325 3	0 084 0 084 0 084 0 084	 - -	0 23 0 23 0 23 0 23 0 23 0 23	0 75 0 75 0 75 0 75 0 75 0 75	0 % 0 % 0 % 0 % 0 %
									DO	ORS	3		(T	otal E	xpose	d Ar	ea = 2	20 sq.	ft.)
/	, #	Ornt		Adjacent ·	To Door Type		Space)		Sto	rms	ι	J-Value		/idth ⁻ t In		leight t In	Aı	ea
_	_ 1	W		Exterior	Insulated		1st Fl	oor		N	one		0 46	3 00	0	6 00	8 (20	Oft²
								V	ΙN	DOV	vs		(To	tal Ex	osec	Are	a = 1	90 sq.	ft.)
\checkmark	, #	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	lmp	Storm	Total Area (ft²)	Same Units	Width (ft)	Height (ft)	Over Depth (ft)		Interio	r Shade	Screen
	_ 1 _ 2 _ 3 _ 4 _ 5 _ 6 _ 7	E E N W	1 2 4 5 6 6 1		Low-E Double Low-E Double Low-E Double Low-E Double Low-E Double Low-E Double	Y Y Y Y Y	0 36 0 36 0 36 0 36 0 36 0 36 0 36	0 25 0 25 0 25 0 25 0 25 0 25 0 25 0 25	N N N N N	N N N N N N N N N N N N N N N N N N N	15 0 45 0 15 0 60 0 6 0 9 0 40 0	1 3 1 4 1 1	3 00 3 00 3 00 3 00 2 00 3 00 6 00	5 00 5 00 5 00 5 00 5 00 3 00 3 00 6 67	15 15 15 15 15 15	05 05 05 05 05 05 05	N N N N	one one one one one one	None None None None None None
	,							INF		'RA	<u> </u>								
\leq	#	Scope			thod			CFM50		ELA	EqL/		ACH	ACH5					t Volume
	_ 1	Wh	olehou	ise Prop	osed ACH(50)	0 00	0036	1504		32 49	154 8	37	0 1372	70	Α	dl 	1288	8 cu ft	
	#	Mar	ss Typ			Δ.	·ea			ASS hickne		Fur	niture Fr	action		Space	un mananan		
Ě	1			lbs/sq ft)			ft²			0 ft			0 30			1st Floo	ır		
	HEATING SYSTEM																		
abla	#	Sys	tem T	ype		Subtype/	** \$4**********************************	AHR			ciency	Capa kBtu	•	Geotl ntry P	nermal F ower		np Current	Ducts	Block
	1	Ele	ctric H	eat Pump		None/S	ingle			HSPF	2 8 80	29	5	(00 00	0 00	0 00	sys#1	1
-								COOL	_IN	G S	YSTE	M_			***************************************				
\checkmark	#	Sys	tem T	уре		Subtype/	Speed	AHR	l #	E	fficiency		Capacil kBtu/h	•	Air Flow cfm	,	SHR	Duct	Block
	_ 1	Cer	ntral U	nit		None	/Single			SE	ER2 16 5	5 29	5		885		0 75	sys#1	1

FORM R405-2023

INPUT SUMMARY CHECKLIST REPORT

					НОТ	r WA1	ΓER S	YSTEI	VI				
/ #	System Type	Subtype		Location		EF(UEF	-) Cap	Us	e SetPnt	Fixt Flow	r Trap	Pipe Ins	Pipe length
1	Propane	Tankless	3	Exterior		0 59 (0 5	59) 10ga	al 40 g	jal 120 deg	Standard	Yes	None	12
	Recirculation System		rc Control Type		Loop length	Branch length			HR Faciliti Connec		DWHR Eff	d Other	Credits
1	No				NA	NA	NA	No	NA	NA	NA	No	one
						D	UCTS						
√¤ Du		Supply R-Value A		Reti ation I	urn R-Value		Leakage	- Туре	AHU Location	CFM 25 TOT OUT	QN A OUT SE	.HU ALED RLF	HVAC # Heat Cool
1	Attic	6 0 403	ft²	Attic	60	81 ft²	Default L	eakage	1st Floor	(Default) (De	fault)		1 1
					T	EMPE	RATU	RES	A. N				
Cod	gramable Thermoling [] Jan ating [X] Jan ating [] Jan	ostat Y []Feb [X]Feb []Feb	[] Mar [X] Mar [X] Mar	[] Apr [] Apr [X] Apr		Vlay	ans N [X] Jun [] Jun [] Jun	[X] Jul [] Jul [] Jul	[X] Aug [] Aug [] Aug	[X] Sep [] Sep [] Sep	[] Oct [] Oct [X] Oct	[] Nov [X] Nov [X] Nov	[] Dec [X] Dec [] Dec
	hermostat Sched chedule Type	ule HERS 2	2006 Refere 1	nce 2	3	4	5	հ 6	lours 7	8 9	1	10 11	12
c	cooling (WD)	AM PM	78 80	78 80	78 78	78 78	78 78	78 78	78 78	78 78	80 78	80 8 78 7	0 80 8 78
c	cooling (WEH)	AM PM	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 7 78 7	8 78 8 78
H	leating (WD)	AM PM	66 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 6 68 6	8 68 6 66
H	leating (WEH)	AM PM	66 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 6 68 6	8 68 6 66

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD ESTIMATED ENERGY PERFORMANCE INDEX* = 93

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

14784 SW Tustenuggee Ave, Ft White , FL, 32038

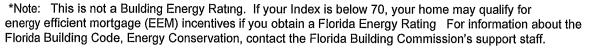
New construction or existing	New (F	rom Plans)	10. Wall Types(1402.7 sqft.)	Insulation Area
2. Single family or multiple famil	у	Detached	a. Frame - Wood, Exterior	R=13.0 1402 70 ft ²
3. Number of units, if multiple fa	mily	1	b. N/A c. N/A	
4. Number of Bedrooms		3	d. N/A	
5. Is this a worst case?		No	11. Ceiling Types(1772 1 sqft.)	Insulation Area
6. Conditioned floor area above Conditioned floor area below		1611 0	a. Flat ceiling under att (Vented)b. N/Ac. N/A	R=38 0 1772.10 ft ²
·	iption J=0 36 C=0 25	Area 190.00 ft² ft²	 12. Roof(Comp. Shingles, Vented) 13 Ducts, location & insulation level a. Sup: Attic, Ret: Attic, AH: 1st Flob. c. 	el R ft²
c. U-Factor: N/A SHGC Area Weighted Average Overha Area Weighted Average SHGC		ft ² 1.500 ft 0.250	14. Cooling Systems a. Central Unit	kBtu/hr Efficiency 29.5 SEER2:16.50
8. Skylights Descr U-Factor:(AVG) N/A SHGC(AVG). N/A	iption	Area N/A ft²	15 Heating Systems a. Electric Heat Pump	kBtu/hr Efficiency 29.5 HSPF2:8.80
9 Floor Typesa Slab-On-Grade Edge Insulatb. N/Ac. N/A	Insulation tion R= 0.0 R= R=	Area 1611.00 ft ² ft ² ft ²	16. Hot Water Systemsa. PropaneTanklessb. Conservation features	Cap [.] 1 gallons EF [.] 0.590 None
			17. Credits	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: 14784 SW Tustenuggee Ave

City/FL Zip: Ft White ,FL,32038



**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: 14784 SW Tustenuggee Ave							
City. Ft White State	e: FL Zip: 32038						
Air Leakage Test Results Passing results must meet	either the Performance, Prescriptive, or ERI Method						
PRÉSCRIPTIVE METHOD-The building or dwelling unit shall be tes changes per hour at a pressure of 0 2 inch w g (50 Pascals) in Clim	sted and verified as having an air leakage rate of not exceeding 7 air nate Zones 1 and 2						
PERFORMANCE or ERI METHOD-The building or dwelling unit sha the selected ACH(50) value, as shown on Form R405-2023 (Performance) ACH(50) specified on Form R405-2023-Energy Cal							
x 60 ÷ 12888 = ACH(50) PASS When ACH(50) is less than 3, Mechanical Ventilation is must be verified by building department.	Method for calculating building volume: ○ Retrieved from architectural plans ○ Code software calculated ○ Field measured and calculated						
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 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 Florida Building Code, Residential 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), Florida Statues, 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 decomposition 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 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 ear leakage of the home							
Testing Company							
Company Name I hereby verify that the above Air Leakage results are in accordance with t requirements according to the compliance method selected above	Phone the 2023 8th Edition Florida Building Code Energy Conservation						
Signature of Tester.	Date of Test·						
Printed Name of Tester:							
License/Certification #:	Issuing Authority:						