FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Guadalupe Soto Street: City, State, Zip: , FL , Owner: Design Location: FL, Gainesville		Builder Name: IC Construction Permit Office: Permit Number: Jurisdiction: County: Columbia (Florida Clima	ate Zone 2)
 New construction or existing Single family or multiple family Number of units, if multiple family Number of Bedrooms Is this a worst case? Conditioned floor area above grade (ft²) Conditioned floor area below grade (ft²) 	New (From Plans) Single-family 1 2 No 1162	9. Wall Types (1134.0 sqft.) a. Frame - Wood, Exterior b. N/A c. N/A d. N/A 10. Ceiling Types (1162.0 sqft.) a. Under Attic (Vented) b. N/A c. N/A 11. Ducts	Insulation Area R=13.0 1134.00 ft² R= ft² R= ft² R= ft² Insulation Area R=30.0 1162.00 ft² R= ft² R= ft² R= ft²
a. Slab-On-Grade Edge Insulation b. N/A	Area 129.00 ft² ft² ft² ft² ft² ft² ft² ft²	a. Sup: Attic, Ret: Attic, AH: Main 12. Cooling systems a. Central Unit 13. Heating systems a. Electric Heat Pump 14. Hot water systems a. Electric b. Conservation features None	6 232.4 kBtu/hr Efficiency 18.0 SEER:15.00 kBtu/hr Efficiency 18.0 HSPF:8.50 Cap: 40 gallons EF: 0.920
Glass/Floor Area: 0.111	Total Proposed Modified Total Baseline		PASS
I hereby certify that the plans and specification are in compliance with the Code. PREPARED BY: DATE: I hereby certify that this building, as deswith the Florida Energy Code. OWNER/AGENT: DATE:	20 signed, is in compliance	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:	GREAT STATE OF THE

- 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.
- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 5.00 ACH50 (R402.4.1.2).

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Title: Building Type: Owner Name: # of Units: Builder Name: Permit Office: Jurisdiction: Family Type: New/Existing: Comment:	Guadalupe Sot User 1 IC Construction Single-family New (From Plan	n	Bedrooms: Conditioned Total Stories Worst Case: Rotate Angle Cross Ventila Whole House	: 1 No a: 0			Lot # Block PlatB Stree Coun	:/Subdivis ook: t:	sion: Ce	reet Addre	SS		
				CLIMATE									
√ Des	sign Location	TMY Site		Desig 97.5 %	n Temp 6 2.5 %		esign Tem er Summ		eating ree Days	Design Moisture	-	Temp	
FL,	, Gainesville	FL_GAINESVILLE	_REGI	32	92	70	75	1:	305.5	51	M	edium	
				BLOCKS									
Number	Name	Area	Volume										
1	Block1	1162	10458										
				SPACES									
Number	Name	Area	Volume Kit	chen Oc	cupants	Bedroo	ms Ir	nfil ID	Finished	d Cool	ed	Heated	
1	Main	1162	10458	Yes	4	2	1		Yes	Yes		Yes	
				FLOORS									
V #	Floor Type	Space	Perime	eter R-	√alue	Area				Tile Wo	od Ca	rpet	
1 Sla	ab-On-Grade Edge	Insulatio Ma	ain 126 ft		0	1162 ft ²				0.33 0.3	3 0	.34	
				ROOF									
√ #	Туре	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)	
1	Hip	Composition shing	les 1259 ft²	0 ft²	Medium	N	0.85	No	0.9	No	0	22.6	
				ATTIC									
√ #	Туре	Ventila	ation \	/ent Ratio (1	in)	Area	RBS	IRO	cc				
1	Full attic	Veni	ted	300	1	1162 ft ²	N	١	١				
				CEILING									
V #	Ceiling Type		Space	R-Value	Ins Ty	rpe	oe Area		Framing Frac		: Truss Type		
1	Under Attic (Ve	ntod)	Main	30	Blowr	,	1162 ft²		0.11	Wo			

INPUT SUMMARY CHECKLIST REPORT

						WA	ALLS							
V #	Ornt	Adjacent Ornt To Wall Type		Spac	Cavity e R-Value			Height n Ft In		Sheathin	neathing Framing		Below Grade%	
1	N	Exteri		ame - Wood	Main		21	0 9		Area 189.0 ft ²	0.625	0.23	Absor. 0.75	0
2	NE	Exteri	or Fra	ame - Wood	Main	13	21	9)	189.0 ft ²	0.625	0.23	0.75	0
3	SE	Exteri	or Fra	ame - Wood	Main	13	21	9)	189.0 ft ²	0.625	0.23	0.75	C
4	S	Exteri	or Fra	ame - Wood	Main	13	21	9)	189.0 ft ²	0.625	0.23	0.75	0
5	SW	Exteri	or Fra	ame - Wood	Main	13	21	9)	189.0 ft ²	0.625	0.23	0.75	C
6	NW	Exteri	or Fra	ame - Wood	Main	13	21	g)	189.0 ft ²	0.625	0.23	0.75	C
						DO	ORS							
\checkmark	#	O	nt	Door Type	Space			Storms	U-Valu	ıe Fi	Width t In	Heigh Ft	nt In	Area
	1	9	3	Insulated	Main			None	.4	3		6	8	20 ft ²
	2	S	W	Insulated	Main			None	.4	3		6	8	20 ft ²
				(rientation sh	WINI nown is the en	DOWS		orientation					
,		Wa	11		mentation si	iowii is tile ei	illereu, i	Toposeu	onemation		rhang			
\checkmark	# (Ornt ID		e Panes	NFRC	U-Factor	SHGC	Imp	Area		Separation	n Int Sh	ade	Screenii
	1	N 1	Vinyl	Low-E Double	Yes	0.33	0.22	N	30.0 ft ²	1 ft 6 in	1 ft 4 in	Nor	ne	None
	2	NE 2	Vinyl	Low-E Double	Yes	0.33	0.22	N	30.0 ft ²	1 ft 6 in	1 ft 4 in	Nor	ne	None
	3	SE 3	Vinyl	Low-E Double	Yes	0.33	0.22	N	30.0 ft ²	1 ft 6 in	1 ft 4 in	Nor	ne	None
	4	S 4	Vinyl	Low-E Double	Yes	0.33	0.22	N	9.0 ft ²	1 ft 6 in	1 ft 4 in	Nor	ne	None
	5	SW 5	Vinyl	Low-E Double	Yes	0.33	0.22	N	15.0 ft ²	1 ft 6 in	1 ft 4 in	Nor	ne	None
	6	NW 6	Vinyl	Low-E Double	Yes	0.33	0.22	N	15.0 ft ²	1 ft 6 in	1 ft 4 in	Nor	ne	None
						INFILT	RATIO	N						
#	Scope		Method		SLA	CFM 50	ELA	Ed	EqLA A		ACH 50			
1 Wh	olehous	e Pro	posed A	CH(50) .0	00286	871.5	47.84	89).98	.1128		5		
						HEATING	3 SYS	TEM						
\vee	#	System	Туре	(Subtype	Speed		Efficiency	/ (Capacity			Block	Ducts
	1	Electric	: Heat Pu	ımp/	None	Singl		HSPF:8.5	5 18	3 kBtu/hr			1	sys#1
						COOLING	G SYS	TEM						
$\sqrt{}$	#	System	Туре		Subtype	Subtype)	Efficiency	Capac	ity A	ir Flow	SHR	Block	Ducts
	1	Centra	Unit/	1	None	Singl	;	SEER: 15	18 kBtu	/hr 54	0 cfm	0.85	1	sys#1

INPUT SUMMARY CHECKLIST REPORT

					HOT W	ATER SY	STEM							
$\sqrt{}$	# System Type SubType 1 Electric None		Location	on EF	Сар		Use	SetPnt	SetPnt		Conservation			
			Main	Main 0.92		40 gal		120 deg	None					
				S	OLAR HO	T WATER	SYST	EM						
\vee	FSEC Cert # Company Name				System Model #						ollector Storage Area Volume		FEF	
	None	None						ft²						
						DUCTS								
\checkmark	Supply # Location R-Value Area				Return ion Area	Leakage Type		Air Handler		CFM25 OUT	QN	RLF	HV Heat	AC #
	1	Attic	6 232.4	ft Atti	58.1 ft ²	Default	Leakage	Main	(Default)	(Default)			1	1
					TEM	PERATUR	RES							
Program	able The	ermostat: Y			Ceiling Fan	s:								
Cooling Heating Venting	[] Ja [X] Ja [] Ja	ın []Feb ın [X]Feb ın []Feb	o [] Mar o [X] Mar o [X] Mar	Apr Apr X Apr	[] May [] May [] May	[X] Jun [] Jun [] Jun	[X] Jul Jul Jul	[X] Aug [] Aug [] Aug	[X] Sep [] Sep [] Sep	[] Q	Oct Oct Oct	[] Nov [X] Nov [X] Nov	[x]	Dec Dec Dec
Thermosta	ıt Schedu	ıle: HERS 2	006 Reference				F	lours						
Schedule 7	Гуре		1	2	3 4	5	6	7	8	9	10	11		12
Cooling (W	/D)	AM PM	78 80	78 80	78 78 80 80	78 78	78 78	78 78	78 78	80 78	80 78	80 78	:	80 78
Cooling (W	/EH)	AM PM	78 80	78 80	78 78 80 80	78 78	78 78	78 78	78 78	80 78	80 78	80 78	:	80 78
Heating (W	VD)	AM PM	65 68	65 68	65 68 68	65 68	65 68	65 68	68 68	68 68	68 68	68 68		68 68
Heating (W	VEH)	AM PM	65 68	65 6 68 6	65 68 68	65 68	65 68	65 68	68 68	68 68	68 68	68 68	(68 68
						MASS								
Mass Type Area						Thickness		Furniture Fra	ction	Spa	ace			
Default(8 lbs/sq.ft.						0 ft		0.3		N	Main			