FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	Caleb Bundy		Builder Name:							
Street: City, State, Zip:	, FL,		Permit Office: Permit Number:							
Owner:			Jurisdiction:							
Design Location:	FL, Gainesville		County: Columbia(Florida C	limate Zone 2)						
1. New constructio	n or existing New	(From Plans)	10. Wall Types(1809.0 sqft.)	Insulation Area						
2. Single family or	multiple family	Detached	a. Frame - Wood, Exterior b. N/A	R=19.0 1809.00 ft ²						
3. Number of units	, if multiple family	1	c. N/A							
4. Number of Bedr	ooms	4	d. N/A	Includation Anno						
5. Is this a worst ca	ase?	No	 Ceiling Types(2423.0 sqft.) Single assembly, with (Unvented 	Insulation Area						
	r area above grade (ft²) r area below grade (ft²)	2423 0	b. N/A c. N/A	,						
7. Windows(203.0		Area 203.00 ft ²		eck R=40.0 2805 ft ² R ft ²						
a. U-Factor: SHGC:	Dbl, U=0.33 SHGC=0.26	203.00 II	13. Ducts, location & insulation level a. Sup: Main, Ret: Main, AH: Main	R ft ⁻ 6 485						
b. U-Factor:	N/A	ft ²	b.							
SHGC: c. U-Factor:	N/A	ft ²	c. 14. Cooling Systems	kBtu/hr Efficiency						
SHGC:	IN/A	It	a. Central Unit	48.0 SEER2:15.00						
	erage Overhang Depth:	4.160 ft								
Area Weighted Av	-	0.260	15. Heating Systems	kBtu/hr Efficiency						
Skylights U-Factor:(AVG)	Description N/A	Area N/A ft ²	a. Electric Heat Pump	48.0 HSPF2:7.50						
SHGC(AVG):	N/A									
9. Floor Types	Insulation		16. Hot Water Systems							
a. Slab-On-Gradeb. N/A	Edge Insulation R= 0.0 R=	2423.00 ft ² ft ²	a. PropaneTankless	Cap: 1 gallons						
c. N/A	R=	ft ²	b. Conservation features	EF: 0.590						
			b. Conscivation readures	None						
			17. Credits	CF, Pstat						
Glass/Floor Area: 0	.084 Tota	Proposed Modifie	ed Loads: 50.50							
		Total Baselir		PASS reference design in order to comply						
·	the plans and specifications		Review of the plans and	Telefence design in order to comply.						
	in compliance with the Florid		specifications covered by this	OF THE STATE						
Code.			calculation indicates compliance	THE STATE OF THE S						
PREPARED BY: _			with the Florida Energy Code. Before construction is completed	6						
	2.27.24		this building will be inspected for							
DATE:			compliance with Section 553.908 Florida Statutes.							
	this building, as designed, is	s in compliance	The State of the S	TO THE STATE OF TH						
with the Florida End			DUILDING OFFICIAL:	OD WE TRU						
DATE:			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.
- Compliance with a proposed duct leakage Qn requires a PERFORMANCE Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.
- 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 5.24 ACH50 (R402.4.1.2).

INPUT SUMMARY CHECKLIST REPORT

			P	ROJE	СТ						
Title: Building Type: Owner: Builder Home IE Builder Name: Permit Office: Jurisdiction: Family Type: New/Existing: Year Construct: Comment:	Detached New (From Plans		Bedrooms: Conditioned Total Storie Worst Case Rotate Ang Cross Vent Whole Hou Terrain: Shielding:	es: e: le: ilation:	4 2423 1 No 0 Rural Moderate/	Lot # Block PlatE Stree Cour City,	k/SubDivisi Book: et:	 Columbi			
			(CLIMA	TE						
Design Location		Tmy Site		Design 97.5%	Temp 2.5%	Int Desig Winter S		Heating Degree Days	Desig s Moistur		ily temp inge
FL, Gainesvill	е	FL_GAINESVILLE_	REGIONA	32	92	70	75	1305.5	51	Medi	ium
			Ī	BLOC	KS						
√ Number	Name	Area	Volur	ne							
1	Block1	2423	2180	7 cu ft							
			,	SPAC	ES						
Number	Name	Area	Volume K	itchen	Occupants	s Bedr	ooms	Finished	Cod	oled H	Heated
1	Main	2423	21807	Yes	8	4	1	Yes	Y	es	Yes
				FLOOI	RS	(Total Ex	kposed A	rea = 2	423 sc	ι.ft.)
√# Floor Ty	/pe	Space	Expose Perim(f			Value l m. Joist	J-Factor	Slab Insul Vert/Horiz	. Tile	Wood	Carpet
1 Slab-On-0	Grade Edge Ins	Main	201	2423 s	qft 0		0.563	0 (ft)/0 (f	ft) 0.20	0.60	0.20
				ROO	F						
√# Type		Materials	Roc Are		able Roof rea Color		Solar Absor.	SA En Tested	nitt Emitt Tested	Deck Insul.	
1 Gable or s	shed	Metal	2805	ft² 706	ft² Unf, G	al. N	0.7	No 0.	.7 No	40	30.26
				ATTI	С						
√# Type		Ventilation		Vent Rati	o (1 in)	Area	RBS	IRO	CC		
1 No attic		Unvented		0		2423 ft ²	N	N	N		
				CEILIN	IG	(Total Ex	kposed A	rea = 2	423 so	ı.ft.)
√# Ceiling ⁻	Гуре	;	Space	R-Value	e Ins. Ty	pe Are	ea U-F	actor Fram	ing Frac.	Trus	s Type
	sembly, with airspac	o/Llavoatod)	Main	30.0	Blown	n 2423	Of+2 O (015	0.11	10	/ood

INPUT SUMMARY CHECKLIST REPORT

			WALLS	3	(Total	Expo	sed .	Area =	= 180	9 sq.:	ft.)
Adjacent # Ornt To Wall Type	Spa	ce	Cavity R-Value	Width Ft In		ght In	Area sq.ft.	U- Factor	Sheath R-Value			Below Grade
1 N	od od od od	Main Main Main Main Main Main	19.0 19.0 19.0 19.0 19.0	60.0 4 40.0 2 14.0 0 32.0 4 14.0 0 40.0 2	9.0 9.0 9.0 9.0	0 0 0 0 0	543.0 361.5 126.0 291.0 126.0 361.5	0.061 0.061 0.061 0.061		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 %
DOORS (Total Exposed Area = 100 sq.ft.)												
# Ornt Adjacent To Door Typ	e Spa	ce	Stor	ms	U-V	alue		idth t In		eight In	Are	ea
1 N Exterior Insulate 2 S Exterior Insulate 3 W Exterior Insulate	d Ma	ain	No	one one one	C	.46 .46 .46	6.00 6.00 3.00	0	6.00 6.00 6.00	8 8 8	40.0 40.0 20.0	Oft ²
WINDOWS (Total Exposed Area = 203 sq.ft.)												
√ # Ornt ID Frame Panes	NFRC U-Facto	or SHGC	Imp Storm	Total Area (ft²)	Same \ Units	Vidth F (ft)		Overh Depth (ft)	-	Interior S	Shade	Screen
1 N	Y 0.33 Y 0.33 Y 0.33 Y 0.33 Y 0.33 Y 0.33 Y 0.33 Y 0.33	0.26 0.26 0.26 0.26 0.26 0.26 0.26 0.26	N N N N N N N N N N N N N N N N N N N	18.0 30.0 6.0 15.0 45.0 30.0 30.0 25.0 4.0	2 1 1 3 2 2 2	3.00 2.00 3.00 3.00 3.00 3.00 2.50	3.00 5.00 3.00 5.00 5.00 5.00 5.00 5.00	11.5 1.5 1.5 1.5 9.5 1.5 1.5 1.5	2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3	Nor Nor Nor Nor Nor Nor Nor	ne ne ne ne ne ne	None None None None None None None
		INF	ILTRAT	ION								
# Scope Method	SLA	CFM50	ELA	EqLA) Spac				Volume
1 Wholehouse Proposed ACH(50)	0.00030	1905	104.50	196.18	3 0.1	076	5.2	Al	l	21807	cu ft	
/ # Mass Type	Aroo		MASS		Furnit	ro Front	ian					
# Mass Type1 Default(8 lbs/sq.ft.)	Area 0 ft²		Thicknes 0 ft			0.30	lion		Space Main			
		HEAT	ING SY	STEN	/							
√ # System Type	Subtype/Speed	AHR	I# Effic	iency	Capacity kBtu/hr	/ Entr			eatPump Volt C		ucts	Block
1 Electric Heat Pump	None/Single		HSPF	2: 7.50	48.0		0.	.00	0.00	0.00 sy	/s#1	1

INPUT SUMMARY CHECKLIST REPORT

					CC	OLIN	NG SYS	TEM						
\ #	System Type		Sub	otype/Spee	d	AHRI #	Effic	ency	Capacity kBtu/hr		Flow cfm	SHR	Duct	Block
1	Central Unit			None/Sing	le		SEER	2:15.0 4	8.0	1	440	0.75	sys#1	1
					НОТ	WA	TER SY	STEM						
/ #	System Type	Subtype		Location		EF(UE	F) Cap	Use	SetPnt	Fixture	Flow	Pipe Ins.	. Pipe	elength
1	Propane	Tankless		Exterior		0.59 (0.	59) 1.00 ga	al 70 gal	120 deg	Stan	dard	None		99
	Recirculation System		c Control ype		Loop length	Branc lengtl			R Faciliti Connec			DWHR Eff	Othe	r Credits
1	No				NA	NA	NA	No	NA	N	A	NA	Non	е
						D	UCTS							
V Duc		upply R-Value Ai		Ret ation	urn R-Value		Leakage	Туре	Air Handler	CFM 25 TOT	CFM 25 OUT	QN	RLF H	HVAC # eat Cool
1 N	Main	6.0 485 1	ft² Main		6.0	121 ft²	Prop. Lea	k Free	Main			0.030	0.50	1 1
					TI	EMPE	ERATU	RES						
Prog Cool Heat Vent	ing [X] Jan	ostat: Y [] Feb [X] Feb [] Feb	[] Mar [X] Mar [X] Mar	[] Apr [] Apr [X] Apr	[] N [] N []	Ла́у	ans: N [X] Jun [] Jun [] Jun	[X] Jul [] Jul [] Jul	[X] Aug [] Aug [] Aug	[X] Sep [] Sep [] Sep	[] O([] O([X] O	ct [X] Nov (] Nov (] Nov	[] Dec [X] Dec [] Dec
	ermostat Sched	lule: HERS 2	2006 Refere	ence 2	3	4	5	Ho 6	urs 7	8	9	10	11	12
	poling (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	80 78
Co	poling (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	80 78
He	eating (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	68 68
He	eating (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	68 68

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD ESTIMATED ENERGY PERFORMANCE INDEX* = 81

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

,,FL,

1. New construction or e	existing	New (Fro	om Plans)	10. Wall Types(1809.0 sqft.)	Insulatio	
2. Single family or multi	ple family		Detached	a. Frame - Wood, Exterior	R=19.0	1809.00 ft ²
3. Number of units, if m	ultiple family		1	b. N/A c. N/A		
4. Number of Bedrooms	3		4	d. N/A		
5. Is this a worst case?			No	11. Ceiling Types(2423.0 sqft.)	Insulatio	
6. Conditioned floor are Conditioned floor are	• •	,	2423 0	a. Single assembly, with (Unventer b. N/Ac. N/A	u) R=30.0	2423.00 II
7. Windows** a. U-Factor: SHGC: b. U-Factor:	Description Dbl, U=0.33 SHGC=0.26 N/A		Area 203.00 ft ² ft ²	12. Roof(Metal, Unvent) I13. Ducts, location & insulation levea. Sup: Main, Ret: Main, AH: Mainb.		2805 ft ² R ft ² 6 485
SHGC: c. U-Factor: SHGC: Area Weighted Average	N/A e Overhang Den	ıth:	ft ² 4.160 ft	c. 14. Cooling Systems a. Central Unit	kBtu/hr 48.0 S	Efficiency SEER2:15.00
Area Weighted Average		· u i .	0.260			
8. Skylights U-Factor:(AVG) SHGC(AVG):	Description N/A N/A		Area N/A ft²	 Heating Systems Electric Heat Pump 	kBtu/hr 48.0	Efficiency HSPF2:7.50
9. Floor Typesa. Slab-On-Grade Edgb. N/Ac. N/A			Area 2423.00 ft ² ft ² ft ²	16. Hot Water Systemsa. PropaneTanklessb. Conservation features	C	ap: 1 gallons EF: 0.590
				17. Credits		None CF, Pstat
				ir. Ologito		O. , 1 3tat

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: _____

*Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida Energy Rating. For information about the

Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

**Label required by Section R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.



Address of New Home:

City/FL Zip: ,FL,