RESIDENTIAL ENERGY CONSERVATION CODE DOCUMENTATION CHECKLIST

Florida Department of Business and Professional Regulation Simulated Performance Alternative (Performance) Method

Applications for compliance with the 2020 Florida Building Code, Energy Conservation via the Residential Simulated Performance Alternative shall include:

	This checklist
	Form R405-2020 report
	Input summary checklist that can be used for field verification (usually four pages/may be greater)
	Energy Performance Level (EPL) Display Card (one page)
	HVAC system sizing and selection based on ACCA Manual S or per exceptions provided in Section R403.
	Mandatory Requirements (five pages)
Red	quired prior to CO:
	Air Barrier and Insulation Inspection Component Criteria checklist (Table R402.4.1.1 - one page)
	A completed 2020 Envelope Leakage Test Report (usually one page); exception in R402.4 allows dwelling units of R-2 Occupancies and multiple attached single family dwellings to comply with Section C402.5
	If Form R405 duct leakage type indicates anything other than "default leakage", then a completed 2020 Duct Leakage Test Report - Performance Method (usually one page)

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

A SANTON							
	ds Subdivision	Builder Name: Trent Giebeig Permit Office: Columbia County					
	32055	Permit Number:					
Owner: Trent Giebeig		Jurisdiction:					
Design Location: FL, Gainesville		County: Columbia (Florida Clima	ate Zone 2)				
New construction or existing	New (From Plans)	10. Wall Type\$1639.5 sqft.)	Insulation Area				
Single family or multiple family	Detached	이 있어요. "아이는 이 사람들이 없는 그 사람이가 없는 그 사람이 무섭한 기업을 경우하여 생각하셨다면 했다.					
3. Number of units, if multiple family	Anyplace Zip. Lafe City, FL, 32055 Trent Glebeig Station: FL, Galnesville New (From Plans) Intruction or existing Intruction or existing New (From Plans) Intruction or existing Intruction or existing New (From Plans) Intruction or existing Intruction or existing New (From Plans) Intruction or existing Intruction or existing New (From Plans) Intruction or existing Intruction or existing New (From Plans) Intruction or existing Intruction or existing New (From Plans) Intruction or existing Intruction Intruction Intruction Intruction or existing Intruction or existing Intruction Intruction Intruction Intruction Intruction Intruction Intruction or existing Intruction Intructio						
4. Number of Bedrooms	Permit Office: Columbia County Permit Number: Int Glebeig Gainesville New (From Plans) Detached Interpretation: Interpretati						
5. Is this a worst case?	No						
6. Conditioned floor area above grade	(ft²) 1660	b. N/A	R= ft²				
Conditioned floor area below grade	(ft²) 0						
Comment of the Commen		1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					
[13. Cooling systems	kBtu/hr Efficiency				
SHGC:							
Control of the contro	ft²	I					
	Depth: 1.500 ft.						
Area Weighted Average SHGC:		a. Electric Heat Pump	25.0 HSPF:8.40				
8. Skylights		I	,				
	Ħ²		0				
A CONTRACT OF THE CONTRACT OF	Insulation Area	a. Electric					
a. Slab-On-Grade Edge Insulation	R=0.0 1660.00 ft ²		21.0.020				
	Trent Glebelg tion: FL, Gainesville County: Columbia (Florida Climate Zone 2)						
c. N/A	Η= Π ²	16. Credits	CF, Pstat				
Glass/Floor Area: 0.072			PASS				
	Total Baseline	Loads: 41.43	1700				
			OF THE STATE				
	with the Florida Energy						
111:00:0	and France		5				
THE ARED DI.	n yr. I reeman		E STATE OF S				
DATE:2/16/22			D A				
Owner: Trent Glebeig Design Location: FL, Gainesville New Construction or existing 1. New construction or existing 2. Single family or multiple family 3. Number of units, if multiple family 4. Number of Bedrooms 5. Is this a worst case? 6. Conditioned floor area above grade (ft²) 7. Windows(119.0 sqft.) 8. U-Factor: N/A 8. HGC: 8. U-Factor: N/A 8. HGC: 9. HGC: 9. U-Factor: N/A 8. HGC: 9. HGC: 9. U-Factor: N/A 8. HGC: 9. U-Factor: N/A 8. HGC: 9. U-Factor: N/A 8. HGC: 9.							
	a designed, is in compliance		COD WE TRU				
		DUIL DING OFFICIAL:					
	Isiting New (From Plans) paramily Detached plans) paramily Detached plans and specifications covered by ompliance with the Florida Energy William Al. Frauman Dullaing New (From Plans) Detached paramily Detached plans and specifications covered by ompliance with the Florida Energy William Al. Frauman 10. Wall Type\$1639.5 sqft.) a. Face Brick - Wood, Adjacent Re-13.0 180.00 ft? Re-14.1 (Vented) Re-15.1 (Vented) Re-16.2 (N/A) Re-16.2 (Re-16.00 sqft.) Re-16.2 (Re-16.00 sqft.) Re-16.2 (Re-16.00 sqft.) Re-17.2 (Re-16.00 sqft.) Re-18.3 (Re-16.00 sqft.) Re-18.3 (Re-16.00 sqft.) Re-18.3 (Re-16.00 sqft.) Re-19.3 (Re-16.00 sqft.) Re-19.4 (Re-16.						
	Permit Office: Columbia County Permit Number: Jurisdiction: County: Columbia (Florida Climate Zone 2) New (From Plans) Detached Detached 1						

- 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 7.00 ACH50 (R402.4.1.2).
- Compliance requires a roof absorptance test and a roof emittance test in accordance with R405.7.2

 Compliance with a proposed duct leakage Qn requires a Duct Leakage Test Report confirming duct leakage to outdoors tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.040 Qn for whole house.

Received for E COP INPUT SUMMARY CHECKLIST REPORT

	V - 1/2 - 1/2				PROJ	ECT							
Title: Building Owner N # of Uni Builder Permit O Jurisdic Family New/Exi Comme	Name: its: Name: Office: ition: Type: isting:	Lot 33 Crosswi User Trent Giebeig 1 Trent Giebeig Columbia Cour Detached New (From Pla		Total Sto Worst C Rotate A Cross V	ned Area: ories: ase:	3 1660 1 No 0 No No		Lot # Block PlatE Stree Cour	k/Subdivis Book: et:	sion: 0	ot Information of Inf	Sub	
AND A SHIP					CLIM	ATE							
\checkmark	10 m (n) m	gn Location	TMY Sit	2		Design Temp 7.5 % 2.5	% Wint	esign Tem er Summ	ner Degi	leating ree Day	s Moistur		inge
MIGHINA THE	FL,	Gainesville	FL_GAINESVILI	_E_REGI	DI O	32 92	70	75	1	305.5	51	Me	edium
	1000 TO 1000				BLOG	JN5	CONTRACT OF						
Numb	per	Name	Area	Volum									
1		Block1	1660	1494		250		No william		- 100 - 100 E		00=000=	
	OWNERS OF		интереврения при	A STATE OF THE STA	SPAC								
Numb	250	Name Main	Area 1660	Volume 14940	Kitchen Yes	Occupants 3	Bedro 3	oms I		Finishe Yes	ed Coo Yes		Heate Yes
2011-1100			CITED A PLANSAGE NAME		FLOC	ORS						Name and	
V		Floor Type o-On-Grade Edge	Space Insulatio		erimeter 82 ft	R-Value 0	Area 1660 ft	1			Tile Wo	ood Ca	rpet .25
		30,500, p.e. 5000, 140			ROO	OF			U=11 0 65				
/	#	Туре	Materials	Roc Are				Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pito (deg
	1	Hip	Composition shir	ngles 1856	ft ² 0 ft	² Mediu	m N	0.75	Yes	0.9	Yes	0	26.5
	V/				ATT	'IC		er - el l'és all	No. St. Alexander				
\checkmark	#	Туре	Ven	tilation	Vent Ra	tio (1 in)	Area	RBS	IRO	cc			
	1	Full attic	Ve	ented		00	1660 ft²	N		N			
NAME OF A PERSON NAME OF STREET					CEIL	ING							
V	#	Ceiling Type		Space	R-Valu	7250	Туре	Area		ning Fra	1000	Туре	
	1	Under Attic (Ve	ented)	Main	38	Blo	wn	1660 ft ²		0.11	Wo	ood	

INPUT SUMMARY CHECKLIST REPORT

						WA	LLS								
V #	Ornt	Adjac To	ent Wall	Туре	Space	Cavity R-Value	Wid Ft	th In	Height Ft In	Area	Sheathing R-Value	Framing Fraction	Solar Absor	Belov Grade	
1	N	Exterio		e Brick - Wood	Main	13	15	6	9	139.5 ft²		0.23	0.75	(
2	Ν	Exterio	Fac	e Brick - Wood	Main	13	14	0	9	126.0 ft ²		0.23	0.75	(
3	N	Exterio	Fac	e Brick - Wood	Main	13	26	10	9	241.5 ft ²		0.23	0.75	(
4	E	Exterio	Fac	e Brick - Wood	Main	13	30	1	9	270.8 ft ²		0.23	0.75	(
5	S	Garage	Fra	me - Wood	Main	13	20	0	9	180.0 ft ²		0.23	0.75	(
6	S	Exterio	Fac	e Brick - Wood	Main	13	14	9	9	132.8 ft ²		0.23	0.75	(
7	W	Exterior	Fac	e Brick - Wood	Main	13	4	8	9	42.0 ft ²		0.23	0.75	(
8	S	Exterio	Fac	e Brick - Wood	Main	13	7	9	9	69.8 ft ²		0.23	0.75	(
9	E	Exterio	Fac	e Brick - Wood	Main	13	4	8	9	42.0 ft ²		0.23	0.75	(
10	S	Exterio	Fac	e Brick - Wood	Main	13	13	10	9	124.5 ft ²		0.23	0.75	(
11	W	Exterio	Fac	e Brick - Wood	Main	13	30	1	9	270.8 ft ²		0.23	0.75	(
		ATTACAMENTATION OF				DO	ORS								
\checkmark	#	Orn	t	Door Type	Space			Storms	U-Valu	je F	Width t In	Heigh Ft	t In	Area	
	1	N		Insulated	Main			None	.4	(3	6	8	40 ft ²	
	2	s		Wood	Main			None	.46	2	2 8	6	8	17.8 ft ²	
	3	S		Wood	Main			None	.46		3	6	8	20 ft ²	
u de pesti							oows					VEALURE CO			
		Wall	ALTERNATION.	Orie	entation sh	own is the er	ntered, F	ropose	d orientation				NAME OF TAXABLE PARTY.	- November	
$\sqrt{}$	# (Drnt ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area		rhang Separation	Int Sha	ade	Screenin	
	1	N 1	Vinyl	Double (Tinted)	Yes	0.55	0.45	N	15.0 ft ²	1 ft 6 in	1 ft 0 in	Drapes/l		None	
	2	N 3	Vinyl	Double (Tinted)	Yes	0.55	0.45	N	9.0 ft ²	1 ft 6 in	1 ft 0 in	Drapes/l		None	
	3	N 3	Vinyl	Double (Tinted)	Yes	0.55	0.45	N	15.0 ft ²	1 ft 6 in	1 ft 0 in	Drapes/l		None	
	4	E 4	Vinyl	Double (Tinted)	Yes	0.55	0.45	N	20.0 ft ²	1 ft 6 in	1 ft 0 in	Drapes/l		None	
	5	E 4	Vinyl	Double (Tinted)	Yes	0.55	0.45	N	9.0 ft ²	1 ft 6 in	1 ft 0 in	Drapes/h		None	
	6	S 6	Vinyl	Double (Tinted)	Yes	0.55	0.45	N	36.0 ft ²	1 ft 6 in	1 ft 0 in	Drapes/b		None	
	7	S 10	Vinyl	Double (Tinted)	Yes	0.55	0.45	Ν	15.0 ft ²		1 ft 0 in	Drapes/b		None	
	1000					GAF	RAGE					2-11-11-12			
V	# Floor Area Ceiling				Area	Area Exposed Wall Perimeter Avg					Avg. Wall Height Exposed Wall Insulat				
1 400 ft² 400 ft²				ft²	60 ft 9 ft 13										
d de cofee						INFILT	RATIO	N		THE REAL PROPERTY.			article of the lateral	- Optime	
			Method	-	SLA	CFM 50	FLA	ELA EqLA ACH ACH 50							
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INPUT SUMMARY CHECKLIST REPORT

ORM R4	05-202	0	INP	UT SUN	MARY (CHECK	LIST RE	PORT	4 (7 30)					10.7714
					HEA	TING SY	STEM							
\vee	# S	System Type			Sp	peed	Efficiency	Efficiency Capac				Block	Du	ucts
	1 E	lectric Heat Pu	ımp/	Split	Si	ingl	HSPF:8.4	4 25.03	kBtu/hr			1	sy	s#1
***************************************					coc	LING SY	STEM			241			NI N	
\vee	# S	ystem Type		Subtype	St	ubtype	Efficiency	Capacity	Air	Flow S	SHR	Block	Du	ucts
	1 C	entral Unit/		Split	S	ingl	SEER: 15	15.92 kBtu/	hr 480	cfm 0).75	1	sy	s#1
					HOT V	WATER S	YSTEM	NOT WITH BEST CO.					HOTAL ES	
$\sqrt{}$	#	System Type	SubType	Locati	on EF	. (Сар	Use	SetPnt	Name of Street, or other Designation of the Owner, where the Owner, which is the	Cor	nservatio	n	
	1	Electric	None	Garag	e 0.92	2 50	gal gal	60 gal	120 deg			None		
				5	SOLAR HO	OT WATE	RSYSTE	EM						
\checkmark	FSEC Cert #	Company N	ame		System Model #			Collector Model # Are				500년 ·		
	None	None								ft²				
						DUCTS	Colue de Aleiro				or the latest designation of the latest desi		ent description	
\checkmark	#	Supply # Location R-Value Area			Return ion Area	Leak	Leakage Type		CFM 25 TOT			RLF	HV. Heat	AC :
	1	Attic	6 400 ft ²	Atti	c 100 ft ²		osed Qn	Handler Main		66.4 cfm		10000000	1	1
	MINISTER STATES				TEN	/IPERATU	JRES				****			
Program	able The	mostat: Y		The second second	Ceiling Far	ns:								
Cooling Heating Venting	[X] Jai [X] Jai [X] Jai	[X] Feb X Feb X Feb X Feb	[X] Mar [X] Mar [X] Mar	X Apr X Apr X Apr	[X] May [X] May [X] May	[X] Jun [X] Jun [X] Jun	[X] Jul [X] Jul [X] Jul	[X] Aug [X] Aug [X] Aug	[X] Ser [X] Ser [X] Ser		Oct Oct Oct	[X] Nov [X] Nov [X] Nov	[X] XX	Dec Dec
Thermosta Schedule		le: FloridaCod	de 2014 1	2	3 4	5	Ho 6	ours 7	8	9	10	11	1	2
Cooling (W	/D)	AM PM	75 75	75 75	75 75 75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	7	75 75
Cooling (W	/EH)	AM PM	75 75	75 75	75 75 75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	7	75 75
Heating (W	/D)	AM PM	72 72	72 72	72 72 72 72		72 72	72 72	72 72	72 72	72 72	72 72		2
Heating (V	/EH)	AM PM	72 72	72 72	72 72 72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72		2
						MASS								VIIII
	iss Type			Area		Thicknes	s	Furniture Fra	ction	Spa	ace	THE REAL PROPERTY.		manta.
De	fault(8 lbs	s/sq.ft.		0 ft ²		0 ft		0.3		-	Main			