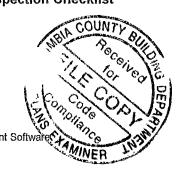
FORM 405-10

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

	OF STREET, THE STREET, AND STREET,		
Project Name New Project ROBE Street City, State, Zip , FL , Owner Design Location FL, Gainesville	RTS 2	Builder Name MIKE ROBERTS Permit Office Permit Number Jurisdiction	
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) Conditioned floor area below grade (ft²) 7 Windows (155 0 sqft) Description a U-Factor Dbl, U=0 52 SHGC SHGC=0.29 b U-Factor N/A SHGC. c U-Factor N/A SHGC d U-Factor N/A SHGC d U-Factor SHGC Area Weighted Average Overhang Dep Area Weighted Average SHGC 8. Floor Types (1495.0 sqft.) a Slab-On-Grade Edge Insulation b N/A	0 Area 155 00 ft² ft² ft² ft²	9 Wall Types (1440 0 sqft) a Frame - Wood, Exterior b Frame - Wood, Adjacent c N/A d N/A 10 Ceiling Types (1495 0 sqft) a Under Attic (Vented) b N/A c N/A 11 Ducts a Sup Attic, Ret Attic, AH Garage 12 Cooling systems a Central Unit 13 Heating systems a Electric Heat Pump 14. Hot water systems a Electric b Conservation features None	Insulation Area R=13 0 1269 00 ft² R=13.0 171.00 ft² R= ft² R= ft² Insulation Area R=38 0 1495 00 ft² R= ft² R= ft² R= ft² R= ft² R ft² S ft² R ft² F ft² R ft² F ft² R ft² F
c N/A	R= ft ²	15 Credits	Pstat
Glass/Floor Area. 0 104	Total Proposed Modifie Total Standard Referenc		PASS
I hereby certify that the plans and specified this calculation are in compliance with the plans and specified the control of the certify that this building, as with the Florida Energy Code	th the Florida Energy OAST INSULATORS NW 253rd Terrace Newberry, FL 32669 (352) 472-8595 Fax (352) 472-2633	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	THE STATE OF THE S

- Compliance requires completion of a Florida Air Barrier and Insulation Inspection Checklist



OWNER/AGENT:__

DATE: _

BUILDING OFFICIAL.

DATE:

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Title Building Typ Owner # of Units Builder Nam Permit Offic Jurisdiction Family Type New/Exetime Comment	1 ne. MIKE ROBER e Single-family	гѕ	Bedrooms Conditioned Total Storie Worst Case Rotate Angl Cross Ventr Whole House	es 1 e <i>N</i> le. 0 ilation	495 Io	nerth a hair creamail a creamail a cheann an tha cheann a	Address T Lot # Block/Sub PlatBook Street County City, State	Division (Street Ad COLUME		THE STATE OF THE S
				CLIMAT					engen and option is Browning as ben	THE STATE OF STATE	
<u> </u>	Design Location	TMY Site	IEC Zon	e 97.5			Summer	Heating Degree Day	ys Mois	sture	aily Temp Range
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Number	Name	Area	Volume								
1	Block1	1495	13455		ikan da manan ang mang	esta per a la laboración per estratorio de la constitue de la constitue de la constitue de la constitue de la		BEZZIŻYŃ SONYYCH ZWYJECH WY	Medical Color	OURSE STATE	Penanganangan pagan
		randori eccentrali errocci in de espera de la consta		SPACE	S			Benerik dikuman keralan di	entraction despitables		are and relationship of the state of the
Number	Name	Area			Occupants	Bedrooms				Cooled	Heated
1	RoomsInBlock1	1495	13455	Yes	3	3	1	Yes	ansammentenses	es	Yes
				FLOOR	S	STARANES SON SON FOR LONG FOR SON	2.577.555.77.25.54.00.00.00.00.00.00.00.00.00.00.00.00.00	logica i regida e Processioni			Marien marity and a second
# 1	Floor Type Slab-On-Grade Edge	Space Insulation Rooms	Perir SInBlock1 176		R-Value 0	Area 1495 ft²	Now hold find	-	Tile 0	Wood 0	Carpet 1
			ALDROCK BERGER STANSFORM S	ROOF	eres en esperator de la						(PROPERTY AND
the state of the s	Туре	Materials	Roof Area	Gable Area	Roof Color	Solar Absor	SA Tested	Emitt	Emitt Tested	Deci Insu	
1	Gable or shed	Composition shing	gles 1619 ft²	312 ft²	Medium	0.96	No	09	No	0	22 6
				ATTIC		ANTONIO DE LA CONTRACTORIO DE LA		CONTRACTOR			
#	Туре	Venti	lation	Vent Ratio ((1 in)	Area	RBS	IRCC	general Paul (Popul Au		2 Ab (1 Bear 1823)
1	Full attic	Ver	nted	300		1495 ft²	Ν	N			
ar yerin di Artika da kan kan kan kan kan kan kan kan kan ka				CEILING	3						
#	Ceiling Type	andra (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997)	Space	R-Value	A	ea	Framing	Frac	Tr	uss Typ)e
1	Under Attic (Ve	nted) l	RoomsInBlock1	38	14	95 ft²	0 11	I		Wood	

							WA	ALLS								
1,/	44	Ornt	Adja		Туре	Space	Cavity R-Value	Wid			eight	A ron	Sheathing	Framing Eraction	Solar	Below
	—#- 1	Om N	Garag		ime - Wood	RoomsInBloo		Ft 19	_\n	_Et_ 9	n	Area_ 171 ft²	ix-value	0 23	Absor 0 01	. Grade)
	_ 2	N	Exterio	or Fra	me - Wood	RoomsinBloo	k 13	32		9		288 ft²		0 23	0 75	(
	3	E	Extend	r Fra	me - Wood	RoomsInBiod	ik 13	36		9		342 ft²		ช <i>2</i> 3	<i>0 7</i> 5	Ć
	_ 4	S	Exterio	r Fra	me - Wood	RoomsInBloo	k 13	50		9		450 ft ²		0 23	0 75	C
	_ 5	W	Exterio	r Fra	me - Wood	RoomsInBloo	k 13	21		9		189 ft²		0 23	0 75	C
							DC	ORS		and the second				and the second s		
V	Wilson Brown	#	Or	nt	Door Type	Space	idelikan (eleopola paragarakan	memorikustusum	Storms		U-Value	; F	Width t หา	Heigh ₁ F _t *	사다 Vit	Area
	-	1	N		insulated	RoomsInBlock			None		0 460000) 2	2 8	6	8 1	7 77777
	-	2	N		Insulated	RoomsInBlock			None		0 460000) 2	2 8	6	8	20 ft²
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/	CARLES CONTRACTOR	NYALTSU BARRISA	Wal				CONTRACTOR AND AN ACTUAL OF	and the second second	March Service	26.65/64/60		Ove	rhang	Sarahan Sarah	Maria de Particio de la Compaña de Compaña d	
<u>V</u>	#	С	rnt ID	Frame	Panes	NFRC	U-Factor	SHGC	Storms	3	Area		Separation	Int Sha	ade	Screenir
	_ 1		N 2	Metal	Double (Clear)	Yes	0 52	0 29	Ν		60 ft ²	2 ft 0 in	6 ft 0 in	HERS 2	2006	None
	_ 2		E 3	Metal	Double (Clear)	Yes	0 52	0 29	N		4 ft ²	2 ft 0 in	6 ft 0 in	HERS 2	2006	None
	_ 3	1	S 4	Metal	Double (Clear)	Yes	0 52	0 29	N		40 ft ²	2 ft 0 in	6 ft 0 in	HERS:	2006	None
٠	_	÷	S 4	Metal	Double (Clear)	Yes	0 52	0 29	N		45 ft²	2 ft 0 in	6 ft 0 in	HERS:	2006	None
	_ 5	HICCORDON DO	W 5	Metal	Double (Clear)	Yes	Yes 052 029 N				6 ft²	2 ft 0 in	6 ft 0 in	HERS:	2006	None
printer, mer	A 12 MAY 12 W		W. W. H. D. L. Sweden and	and the second second second	Herese suspen servica and contact here	WSS-SERVENGER KNIEGOWY ZOWY ZOWE WY TO KE CO	GAI	RAGE	NEW YORK THE WORLD WITH THE SECONDARY	NO.	SERVICE CHARGE CHARGE	azziniya iya iya daka sada ka	nie to de la companya			
$\sqrt{}$		#	Fk	or Area	Ceilir	ng Area	Area Exposed Wall Perimeter					l Height	Ехроен	ed Mall hu	euletion	
		1	4	18 ft²	41	418 ft ² 64 ft					8 f	t		1		
							INFILT	RATIO	N	5545590001						
	Sco	ре		Method		SLA CF	M 50	ELA	E	EqL/	Ą	ACH	ACI	H 50		
ı	ВуЅр	aces	Pro	osed SL	A 00	000360 14	11 70	77 5008	14	45 7	51 (27719	6 29	9523		
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$\sqrt{}$	- SHARRAN	#	System	Туре	S	Subtype			Efficiend	су	C	apacity			Block	Ducts
	-	1	Electric	Heat Pun	4 qr	lone			HSPF 7	77	29	kBtu/hr			1	sys#1
	eser a les	Section Section			ANNE ESTA LA COMPANION STORMETO STORMET	C	OOLIN	G SYS	TEM	elikus altaus			Patteriology Magninical Court of Section 1995.	ENGELERICIES (NEW POSTERIOS PAR		
V	indeposition i	#	System	Туре	6	Subtype		Meto-Waterson de Auto-	Efficienc	У	Capacit	/ P	\ir Flow S	SHR	Block	Ducts
_		1	Central (Jnit	'n	lone		3	SEER 1	3 2	28 kBtu/l	r &	40 cfm 0	75	1	sys#1

HOT WATER SYSTEM														
	#	System Type	SubType	Location) EF	Са	р	_Use	SetPnl	t in the second	C	onservatio	J	Ministration of the Control
	1	Electric	None	Garage	0 96	40 g	al	60 gal	120 deg	9		None		
	SOLAR HOT WATER SYSTEM													
V	FSEC Cert #	Company Na	me		System	Model#	(Collector Mod		Collector Area		rage ume	FEF	1000 A
	None	None								ft²				
\ <u></u>	#	Supp Location R-	lly Value Area	F Locatio	Return on Area	Leakaç	је Туре	Aw Handle	er CFM 2		cert kage QN	RLF		AC# Cool
	1	Attıc	6 299 ft²	Attic	74 75 ft²	DSE	=0 88	Garag	e 00cft	m 00	00 % 00	0 0 60	1	1
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Programa	able Therr	nostat Y			Ceiling Fans									idii di aran kanin keeli
Cooling Heating Venting	[X] Jar [X] Jar [X] Jar	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] S [X] S [X] S	ep Sep Sep	(X) Oct (X) Oct (X) Oct	[X] Nov [X] Nov [X] Nov	X X X	Dec Dec Dec
Thermostat	t Schedul	HERS 200	6 Reference				ŀ	łours						
Schedule T	уре		1	2 3	4	5	6	7	8	9	10	11	1	12
Cooling (W	D)	AM PM	78 80	78 78 80 78	78 78	78 78	78 78	78 78	78 78	80 78	80 78	80 78	8	30 78
Cooling (W	EH)	AM PM	78 78	78 78 78 78	3 78 3 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	- - -	78 78
Heating (W	(D)	AM PM	66 68	66 66 68 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	(68 66
Heating (W	EH)	AM PM	66 68	66 66 68 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	6	38 36

Florida Code Compliance Checklist

Florida Department of Business and Professional Regulations Residential Whole Building Performance Method

\$54 mills (1974) 1974	
ADDRESS	PERMIT #:
, FL,	

MANDATORY REQUIREMENTS SUMMARY - See individual code sections for full details.

COMPONENT	SECTION	SUMMARY OF REQUIREMENT(S)	CHECK
Aır leakage	402 4	To be caulked, gasketed, weatherstripped or otherwise sealed. Recessed lighting IC-rated as meeting ASTM E 283. Windows and doors = 0.30 cfm/sq.ft. Testing or visual inspection required. Fireplaces, gasketed doors & outdoor combustion air. Must complete envelope leakage report or visually verify Table 402.4.2.	
Thermostat & controls	403 1	At least one thermostat shall be provided for each separate heating and cooling system. Where forced-air furnace is primary system, programmable thermostat is required. Heat pumps with supplemental electric heat must prevent supplemental heat when compressor can meet the load.	
Ducts	403 2 2	All ducts, air handlers, filter boxes and building cavities which form the primary air containment passageways for air distribution systems shall be considered ducts or plenum chambers, shall be constructed and sealed in accordance with Section 503.2.7.2 of this code.	
	403 3 3	Building framing cavities shall not be used as supply ducts.	
Water heaters	403 4	Heat trap required for vertical pipe risers. Comply with efficiencies in Table 403.4.3.2. Provide switch or clearly marked circuit breaker (electric) or shutoff (gas). Circulating system pipes insulated to = R-2 + accessible manual OFF switch.	
Mechanical ventilation	403 5	Homes designed to operate at positive pressure or with mechanical ventilation systems shall not exceed the minimum ASHRAE 62 level. No make-up air from attics, crawlspaces, garages or outdoors adjacent to pools or spas.	
Swimming Pools & Spas	403 9	Pool pumps and pool pump motors with a total horsepower (HP) of = 1 HP shall have the capability of operating at two or more speeds. Spas and heated pools must have vapor-retardant covers or a liquid cover or other means proven to reduce heat loss except if 70% of heat from site-recovered energy. Off/timer switch required. Gas heaters minimum thermal efficiency=78% (82% after 4/16/13). Heat pump pool heaters minimum COP= 4.0.	
Cooling/heating equipment	403 6	Sizing calculation performed & attached. Minimum efficiencies per Tables 503.2.3. Equipment efficiency verification required. Special occasion cooling or heating capacity requires separate system or variable capacity system. Electric heat >10kW must be divided into two or more stages.	
Ceilings/knee walls	405 2 1	R-19 space permitting	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 80

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

, , FL,

	New construction or existing Single family or multiple family	New (From Plans) Single-famıly 1 3		9	Wall Types a Frame - Wood, Exterior b Frame - Wood, Adjacent	Insulation R=13 0 R=13 0	Area 1269 00 ft² 171 00 ft²	
	Number of units, if multiple family Number of Bedrooms				C N/A	R= R=	ft²	
5 6)	No 1495		1	O Ceiling Types a Under Attic (Vented) b N/A	Insulatior R=38 0 R=	1495 00 ft ² ft ²
7	Windows** a U-Factor SHGC	Description Dbl, U=0 52 SHGC=0 29		Area 155 00 ft	[2	c. N/A 1 Ducts a Sup Attic, Ret Attic, AH Garage	R=	,ft² R ft² 6 299
	b U-Factor SHGC c U-Factor SHGC	N/A N/A		ft	1	Cooling systems Central Unit	kBtu/hr 28 0	Efficiency SEER 13 00
	d U-Factor SHGC Area Weighted Average C Area Weighted Average S			2 000 f 0 290	1	Heating systems Electric Heat Pump	kBtu/hr 29 (Efficiency HSPF 7 70
8 Floor Types a Slab-On-Grade Edge Insulation b N/A c N/A		Insulation R=0 0 R= R=	Area 1495 00 ft ft	{2 {2	Hot water systems a Electric Conservation features None	c	ep: 40 gellore EF 096	
					1	5 Credits		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:	City/FL Zip:	. All



*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 EnergyGauge Rating. Contact the EnergyGauge Hotline at (321) 638-1492 or see the EnergyGauge web site at energygauge.com for information and a list of certified Raters. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

**Label required by Section 303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.