### FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Wilkey Residence Street: SW Dyal Ave City, State, Zip: Lake City, FL, 32024 Owner: Chris & Teresa Wilkey Design Location: FL, Gainesville	Builder Name: IC Construction, LLC. Permit Office: Columbia County Permit Number: Jurisdiction: County: Columbia (Florida Climate Zone 2)
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 (350.2 sqft.) Description  New (From Plans)  1 2 2 3 4 4 7 7 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	10. Wall Types(2733.0 sqft.)  a. Frame - Wood, Exterior  b. Frame - Wood, Adjacent  c. N/A  d. N/A  11. Ceiling Types (2432.0 sqft.)  a. Under Attic (Vented)  b. N/A  c. N/A  c. N/A  c. N/A  R=  ft²  d. N/A  R=  ft²  ft²  R=38.0  2432.00 ft²  R=38.0  2432.00 ft²  R=38.0  2432.00 ft²  R=38.0  R
a. U-Factor: Dbl, U=0.36 350.17 ft² SHGC: SHGC=0.25 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: Area Weighted Average Overhang Depth: 6.741 ft. Area Weighted Average SHGC: 0.250 8. Skylights Area	13. Cooling systems a. Central Unit  28.9 SEER:14.00  14. Heating systems a. Electric Heat Pump  38.3 HSPF:8.20
c. U-Factor:(AVG) N/A ft² SHGC(AVG): N/A  9. Floor Types (2316.0 sqft.) Insulation Area a. Slab-On-Grade Edge Insulation R=0.0 2021.00 ft² b. Floor over Garage R=19.0 295.00 ft² c. N/A R= ft²	15. Hot water systems  a. Propane  Cap: 50 gallons  EF: 0.590  b. Conservationfeatures  None  16. Credits  CV, Pstat
Glass/Floor Area: 0.151 Total Proposed Modifie	PASS
I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.  PREPARED BY:  DATE:  5 / 9 / 2022  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.
- 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).

				PRO	JECT									
Title: Building Type: Owner Name: # of Units: Builder Name: Permit Office: Jurisdiction: Family Type: New/Existing: Comment:	Wilkey Residence User Chris & Teresa Wilkey 1 IC Construction, LLC. Columbia County Detached New (From Plans)		Bedrooms Conditione Total Storie Worst Cas Rotate Ang Cross Ven Whole Hou	ed Area: es: se: gle: tilation:	3 2316 2 No 0 Yes No			Lot # Block/ PlatBo Street: County		sion: S ( : L	SW Dya Columbia ake City	l Ave a		
				CLIM	IATE									
	gn Location  Gainesville FL G	TMY Site	REGI	Ç	Design Te 97.5 % 2	mp 2.5 % 92	Int Desig Winter 70		er Degr	eating ree Day 305.5	ys Moi	sign l sture	Daily T Ran Med	•
	Gainesville 1 L_C	JANVEO VILLE_	_11201	DI O		JZ	70	10		000.0		-	IVICO	
BLOCKS														
Number	Name	Area	Volume											
1	Block1	2316	20549											
SPACES														
Number	Name	Area	Volume	Kitchen	Occupa	nts	Bedrooms	Int	fil ID I	Finishe	ed (	Cooled	F	leated
	1st Floor	2021	18189	Yes	6		3	1		Yes		Yes		'es
2	2nd Floor	295	2360	No	2		0	1	`	Yes	· ·	Yes	<u> </u>	'es
				FLO	ORS									
*	Floor Type	Space			erimeter R-	Value	Area	Joist	R-Value	9	Tile	Wood		oet
1 Slat	o-On-Grade Edge Insulati	ion 1st F	Floor 241	l ft	0		2021 ft <sup>2</sup>	•			0	0	1	
2 Floo	or over Garage	2nd F	Floor				295 ft²		19		0	0	1	
ROOF														
√ #	Туре	Materials	Roof Area			Roof Color		Solar Absor.	SA Tested	Emitt	Em Teste		eck sul.	Pitch (deg)
1	Gable or shed Com	position shingle	es 2681 ft <sup>2</sup>	² 676	Sft² Me	edium	Υ	0.96	No	0.9	N	0	0	30.26
ATTIC														
<b>/</b> #	Туре	Ventila	ation	Vent R	atio (1 in)		Area	RBS	IRO	cc				
1	Full attic	Vent	ed	3	300	2	316 ft²	Υ	N	1				

#### **INPUT SUMMARY CHECKLIST REPORT**

							CEI	LING								
/	#	Ce	iling	Гуре		Space	R-V	alue	Ins	Туре	Area	а	Framing I	Frac	Truss Typ	е
_	1	Ur	ider A	ttic (Ve	nted)	1st Floor	38	3	Double	Double Batt		2 ft²	0.11		Wood	
_	2	Ur	der A	ttic (Ve	nted)	2nd Floor	38	3	Double	e Batt	310	ft²	0.11		Wood	
							WA	ALLS								
#	Ornt		djace		Type	Space	Cavity R-Value	Wid Ft	th In	Heigh Ft In		Area	Sheathing R-Value			Below Grade <sup>o</sup>
1	S		erior		me - Wood	1st Floor	13	32	4	9		1.0 ft²	11 14140	0.23	0.75	0
<u>-</u>	Е	Ext	erior	Frai	me - Wood	1st Floor	13	5		9	45	5.0 ft²		0.23	0.75	0
3	Е	Ext	erior	Frai	me - Wood	1st Floor	13	10	4	9	93	3.0 ft²		0.23	0.75	C
ļ	Е	Ga	rage	Frai	me - Wood	1st Floor	13	17	2	9	154	4.5 ft²		0.23	0.75	(
5	S	Ga	rage	Frai	me - Wood	1st Floor	13	25		9	22	5.0 ft²		0.23	0.75	(
	Е	Ext	erior	Frai	me - Wood	1st Floor	13	25	10	9	232	2.5 ft²		0.23	0.75	(
	N	Ext	erior	Frai	me - Wood	1st Floor	13	25		9	22	5.0 ft²		0.23	0.75	C
	W		erior	Frai	me - Wood	1st Floor	13	10		9		.0 ft²		0.23	0.75	(
	W		erior		me - Wood	1st Floor	13	10		9	90	.0 ft²		0.23	0.75	(
)	N		erior		me - Wood	1st Floor	13	41	8	9		5.0 ft²		0.23	0.75	(
1	W		erior		me - Wood	1st Floor	13	31	4	9		2.0 ft²		0.23	0.75	(
2	N		erior		me - Wood me - Wood	2nd Floor	13	10	8	8		5.3 ft <sup>2</sup>		0.23	0.75	(
	E		erior		me - Wood me - Wood	2nd Floor	13	6	3	8		0.0 ft <sup>2</sup>		0.23	0.75	
	S					2nd Floor		7				.0 ft <sup>2</sup>			0.75	
			erior		me - Wood		13		2	8				0.23		
	Ε		erior		me - Wood	2nd Floor	13	10		8		0.0 ft²		0.23	0.75	
	N		erior		me - Wood	2nd Floor	13	8	11	8		.3 ft²		0.23	0.75	
	Е		erior		me - Wood	2nd Floor	13	9		8		2.0 ft <sup>2</sup>		0.23	0.75	
	W	Ext	erior	Frai	me - Wood	2nd Floor	13	26	9	8	214	4.0 ft²		0.23	0.75	
							DO	ORS								
	#		Ornt		Door Type	Space			Storms	U-	-Value	Ft	Width In	Heigl Ft	ht In	Area
	1		S		Insulated	1st Floor			None		.46	3		6	8	20 ft²
					O	rientation show		DOWS ntered, F		d orienta	tion.					
		1	Vall									Over	hang			
	#	Ornt	ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	) Are	ea D	epth	Separation	Int Sh	nade	Screeni
-	1	S	1	Vinyl	Low-E Double	Yes	0.36	0.25	N	70.0	) ft² 9 f	t 6 in	1 ft 0 in	Noi	ne	None
	2	S	1	TIM	Low-E Double	Yes	0.36	0.25	N	42.7	' ft² 9 f	t 6 in	1 ft 0 in	Noi	ne	None
-	3	E	3	Vinyl	Low-E Double	Yes	0.36	0.25	N	6.0	ft² 1 f	t 6 in	1 ft 0 in	Noi	ne	None
_	4	Е	6	Vinyl	Low-E Double	Yes	0.36	0.25	Ν	20.0	) ft² 1 f	t 6 in	1 ft 0 in	Noi	ne	None
_	5	N	7	Vinyl	Low-E Double	Yes	0.36	0.25	N	12.5	ft² 1 f	t 0 in	2 ft 0 in	Noi	ne	None
_	6	N	7	Vinyl	Low-E Double	Yes	0.36	0.25	N	30.0	) ft² 1 f	t 0 in	2 ft 0 in	Noi	ne	None
_	7	W	8	Vinyl	Low-E Double	Yes	0.36	0.25	N	30.0	) ft² 1 f	t 6 in	1 ft 0 in	Noi	ne	None
	8	W	9	TIM	Low-E Double	Yes	0.36	0.25	N	24.0	) ft² 9 f	t 0 in	1 ft 0 in	Noi	ne	None
_	9	N	10	Vinyl	Low-E Double	Yes	0.36	0.25	N	15.0	) ft² 11	ft 6 in	1 ft 0 in	Noi	ne	None
_	•						0.00	0.05		40.0	1.62 4.4	e o :	4 # 0 :	Noi		None
_ _ _	10	N	10	TIM	Low-E Double	Yes	0.36	0.25	N	48.0	)π² 11	πbin	1 ft 0 in	INO	ne	NOHE

#### **INPUT SUMMARY CHECKLIST REPORT**

Name	V # Ornt   ID
V # Ornt   D Frame   Panes   NFRC   U-Factor   SHGC   Imp   Area   Depth   Separation   Int Shade   Screen	# Omt ID Frame Panes NFRC U-Factor SHGC Imp Area Depth Separation Int Shade Screen 12 W 11 Vinyl Low-E Double Yes 0.36 0.25 N 6.0 ft² 1ft 6 in 1ft 0 in None N 13 N 12 Vinyl Low-E Double Yes 0.36 0.25 N 15.0 ft² 1ft 0 in 2ft 0 in None N 14 E 15 Vinyl Low-E Double Yes 0.36 0.25 N 15.0 ft² 1ft 0 in 2ft 0 in None N 14 E 15 Vinyl Low-E Double Yes 0.36 0.25 N 15.0 ft² 1ft 0 in 0 ft 6 in None N 15.0 ft² 1ft 0 in 0 ft 0 in 0
13 N 12 Vinyl Low-E Double   Yes   0.36   0.25 N   15.0 ft²   1ft 0 in   2ft 0 in   None   No	13 N 12 Vinyl Low-E Double Yes 0.36 0.25 N 15.0 ft² 1 ft 0 in 2 ft 0 in None N 14 E 15 Vinyl Low-E Double Yes 0.36 0.25 N 15.0 ft² 1 ft 0 in 2 ft 0 in None N 14 E 15 Vinyl Low-E Double Yes 0.36 0.25 N 15.0 ft² 1 ft 0 in 0 ft 6 in None N 15.0 ft² 1 ft 0 in 0 ft 0 in None N 15.0 ft² 1 ft 0 in 0 ft 0 in None N 15.0 ft² 1 ft 0 in 0 ft 0 in None N 15.0 ft² 1 ft 0 in 0 ft 0 in None N 15.0 ft² 1 ft 0 in 0 ft 0 in None N 15.0 f
14 E 15 Vinyl Low-E Double Yes 0.36 0.25 N 15.0 ft² 1ft 0 in 0 ft 6 in None No.   GARAGE	# Floor Area Ceiling Area Exposed Wall Perimeter Avg. Wall Height Exposed Wall Insulation 1 625 ft² 625 ft² 58 ft 9 ft 1  # Scope Method SLA CFM 50 ELA EqLA ACH ACH 50  1 Wholehouse Proposed ACH(50) .000282 1712.4 93.95 176.38 .1347 5  # A System Type Subtype Speed Efficiency Capacity Block Displayed Brock Displayed
FSEC	Floor Area   Ceiling Area   Exposed Wall Perimeter   Avg. Wall Height   Exposed Wall Insulation
# Floor Area   Ceiling Area   Exposed Wall Perimeter   Avg. Wall Height   Exposed Wall Insulation	✓ #         Floor Area for Exposed Wall Perimeter         Avg. Wall Height for System         Exposed Wall Insulation           #         Scope         Method         SLA         CFM 50         ELA         EqLA         ACH         ACH 50           1         Wholehouse         Proposed ACH(50)         .000282         1712.4         93.95         176.38         .1347         5           HEATING SYSTEM           ✓ #         System Type         Subtype         Speed         Efficiency         Capacity         Block         Dr.           1         Electric Heat Pump/         None         Single         HSPF:8.2         38.29 kBtu/hr         1         system Type         Subtype         Efficiency         Capacity         Air Flow         SHR         Block         Dr.           1         Central Unit/         None         Single         SEER: 14         28.87 kBtu/hr         870 cfm         0.7         1         system           HOT WATER SYSTEM
1 625 ft² 625 ft² 58 ft 9 ft 1   1	
	Scope   Method   SLA   CFM 50   ELA   EqLA   ACH   ACH 50
# Scope Method SLA CFM 50 ELA EqLA ACH ACH 50  1 Wholehouse Proposed ACH(50) .000282 1712.4 93.95 176.38 .1347 5  # System Type Subtype Speed Efficiency Capacity Block Du 1 Electric Heat Pump/ None Single HSPF.8.2 38.29 kBtu/hr 1 system Type Subtype Subtype Efficiency Capacity Air Flow SHR Block Du 1 Central Unit/ None Single SEER: 14 28.87 kBtu/hr 870 cfm 0.7 1 system Type Subtype Efficiency SeeR: 14 28.87 kBtu/hr 870 cfm 0.7 1 system Type Subtype Location Ef Cap Use SetPnt Conservation 1 Propane None Exterior 0.59 50 gal 40 gal 120 deg None    SOLAR HOT WATER SYSTEM   SUBTYPE   System Model # Collector Model # Area Volume FEF   None None   None System Model # Collector Model # Area Volume FEF   None None   None System Model # Collector Model # Area Volume FEF   None None   None System Model # Collector Model # Area Nolume FEF   None None   None System Model # Collector Model # Area Nolume FEF   None None   None System Model # Collector Model # Area Nolume FEF   None None   None System Model # Collector Model # Area Nolume FEF   None None   None System Model # Collector Model # Area Nolume FEF   None None   None   None System Model # Collector Model # Area Nolume FEF   None None   None System Model # Collector Model # Area Nolume FEF   None None   None System Model # Collector Model # Area Nolume FEF   None None   None System Model # Collector Model # Area Nolume FEF   None None   None None None None None None None None	# Scope Method SLA CFM 50 ELA EqLA ACH ACH 50  1 Wholehouse Proposed ACH(50) .000282 1712.4 93.95 176.38 .1347 5  HEATING SYSTEM   # System Type Subtype Speed Efficiency Capacity Block Dr. 1 Electric Heat Pump/ None Single HSPF:8.2 38.29 kBtu/hr 1 sy  COOLING SYSTEM   # System Type Subtype Subtype Efficiency Capacity Air Flow SHR Block Dr. 1 Central Unit/ None Single SEER: 14 28.87 kBtu/hr 870 cfm 0.7 1 sy  HOT WATER SYSTEM
Wholehouse	Wholehouse Proposed ACH(50)         .000282         1712.4         93.95         176.38         .1347         5           HEATING SYSTEM           ✓         # System Type         Subtype         Speed         Efficiency         Capacity         Block         Dr.           1         Electric Heat Pump/         None         Single         HSPF:8.2         38.29 kBtu/hr         1         system Type           1         COOLING SYSTEM           1         Central Unit/         None         Single         SEER: 14 28.87 kBtu/hr         870 cfm         0.7         1         system Type           1         Central Unit/         None         Single         SEER: 14 28.87 kBtu/hr         870 cfm         0.7         1         system Type
HEATING SYSTEM	HEATING SYSTEM     # System Type Subtype Speed Efficiency Capacity Block Down of the state of t
	✓     # System Type     Subtype     Speed     Efficiency     Capacity     Block     Dr.       COOLING SYSTEM       ✓     # System Type     Subtype     Subtype     Efficiency     Capacity     Air Flow     SHR     Block     Dr.        1 Central Unit/     None     Single     SEER: 14 28.87 kBtu/hr     870 cfm     0.7     1     sy       HOT WATER SYSTEM
1   Electric Heat Pump/   None   Single   HSPF:8.2   38.29 kBtu/hr   1   system Type   Subtype   Subtype   Efficiency   Capacity   Air Flow   SHR   Block   Du	The state of the strength of t
COOLING SYSTEM	COOLING SYSTEM  # System Type Subtype Subtype Efficiency Capacity Air Flow SHR Block Di 1 Central Unit/ None Single SEER: 14 28.87 kBtu/hr 870 cfm 0.7 1 sy  HOT WATER SYSTEM
✓         # System Type         Subtype         Subtype         Efficiency         Capacity         Air Flow         SHR         Block         Duck           HOT WATER SYSTEM           HOT WATER SYSTEM           ✓         # System Type         SubType         Location         EF         Cap         Use         SetPnt         Conservation           1         Propane         None         Exterior         0.59         50 gal         40 gal         120 deg         None           SOLAR HOT WATER SYSTEM           ✓         FSEC Cert # Company Name         System Model #         Collector Model #         Area         Volume         FEF           None         None         None         FEF         Air         CFM 25         CFM25         HV/A	✓     #     System Type     Subtype     Subtype     Efficiency     Capacity     Air Flow     SHR     Block     Director        1     Central Unit/     None     Single     SEER: 14 28.87 kBtu/hr     870 cfm     0.7     1     system Type       HOT WATER SYSTEM
	1 Central Unit/ None Single SEER: 14 28.87 kBtu/hr 870 cfm 0.7 1 sy  HOT WATER SYSTEM
HOT WATER SYSTEM	HOT WATER SYSTEM
✓         #         System Type         SubType         Location         EF         Cap         Use         SetPnt         Conservation           1         Propane         None         Exterior         0.59         50 gal         40 gal         120 deg         None           SOLAR HOT WATER SYSTEM           ✓         FSEC Cert # CompanyName         System Model #         Collector Model #         Area         Volume         FEF           None         None         It²         None         FEF    DUCTS  Air CFM 25 CFM25 HWA	
1 Propane None Exterior 0.59 50 gal 40 gal 120 deg None    SOLAR HOT WATER SYSTEM	√ # System Type SubType Location EF Cap Use SetPnt Conservation
SOLAR HOT WATER SYSTEM  FSEC Cert # Company Name System Model # Collector Model # Area Volume FEF  None None None  DUCTS  Supply Return Return Return Air CFM 25 CFM25 HV/A	
FSEC Cert # Company Name System Model # Collector Model # Area Volume FEF  None None None  DUCTS  Supply Return Return Return Return Air CFM 25 CFM25 HVA	1 Propane None Exterior 0.59 50 gal 40 gal 120 deg None
Cert # CompanyName SystemModel# CollectorModel# Area Volume FEF  None None  DUCTS  Supply Return Return Air CFM 25 CFM25 HVA	SOLAR HOT WATER SYSTEM
DUCTS  Supply Return Air CFM 25 CFM25 HVA	V
Supply Return Air CFM 25 CFM25 HV/	None None ft²
1/	DUCTS
The Location it value Alea Location Alea Leanage Type Handler 101 001 QN INET Heat	, /
1 Attic 6 579 ft² Attic 115.75 f Default Leakage Attic (Default) c(Default) c 1	

#### **INPUT SUMMARY CHECKLIST REPORT**

ONWIN-00-2020 INTO TOOMINANT OF LOCALIST NET ON														
	TEMPERATURES													
ProgramableThermostat: Y Ceiling Fans:														
Cooling Heating Venting	[ ] Jan [X] Jan [ ] Jan	[ ] Feb [X] Feb [ ] Feb	[ ] Mar [X] Mar [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	Oct Oct XOct	[ ] Nov [X] Nov [X] Nov	Dec [X] Dec Dec
Thermostat	Schedule:	HERS 200	6 Reference	,				Но	ours					
Schedule T	уре		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WI	D)	AM PM	78 80	78 80	78 78	78 78	78 78	78 78	78 78	78 78	80 78	80 78	80 78	80 78
Cooling (Wi	EH)	AM PM	78 78	78 78	78 78	78 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 68	66 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 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	68 66
MASS														
Mass Type				Area			Thickness		Furniture Fra	ction		Space		
Det	fault(8 lbs/sc	ı.ft.		0 ft²			0 ft 0.3			1st Floor				
Det	fault(8 lbs/sc	ı.ft.		0 ft²			0 ft		0.3			2nd Floo	r	

## **ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD**

#### ESTIMATED ENERGY PERFORMANCE INDEX\* = 86

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

SW Dyal Ave, Lake City, FL, 32024

1. New construction or	New (Fr	om Plans)	<ol><li>Wall Type and Insulation</li></ol>	Insulation	n Area	
2. Single family or mult	Detache	ed	a. Frame - Wood, Exterior	R=13.0	2353.50 ft <sup>2</sup>	
3. Number of units, if n		1		b. Frame - Wood, Adjacent c. N/A	R=13.0 R=	379.50 ft <sup>2</sup> ft <sup>2</sup>
Number of Bedroom	. ,			d. N/A	R=	ft²
		3		11. Ceiling Type and insulation level	Insulation	
5. Is this a worst case?	)	No		a. Under Attic (Vented)	R=38.0	2432.00 ft <sup>2</sup>
6. Conditioned floor are	ea (ft²)	2316		b. N/A	R=	ft²
7. Windows**	Description		Area	c. N/A	R=	ft²
a. U-Factor:	Dbl, U=0.36		350.17 ft <sup>2</sup>	<ol> <li>Ducts, location &amp; insulation level a. Sup: Attic, Ret: Attic, AH: Attic</li> </ol>		R ft <sup>2</sup> 6 579
SHGC:	SHGC=0.25			a. oap.,,, ,, ,		0 0.0
b. U-Factor:	N/A		ft²			
SHGC:				13. Cooling systems	kBtu/hr	Efficiency
c. U-Factor: SHGC:	N/A		ft²	a. Central Unit	28.9	SEER:14.00
d. U-Factor: SHGC:	N/A		ft²	14. Heating systems	kBtu/hr	Efficiency
Area Weighted Average Overhang Depth: Area Weighted Average SHGC:			6.741 ft. 0.250	a. Electric Heat Pump	38.3	3 HSPF:8.20
8. Skylights a. U-Factor(AVG)			Area ft²	15. Hot water systems a. Propane	Ca	ap: 50 gallons EF: 0.59
SHGC(AVG):	N/A			b. Conservationfeatures		
9. Floor Types		Insulation	Area	None		
b. Floor over Gara	a. Slab-On-Grade Edge Insulation R=0.0 b. Floor over Garage R=19.0			Credits (Performance method)		CV, Pstat
c. N/A		R=	ft²			

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:



\*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.

<sup>\*\*</sup>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 2020 Florida Building Code, Energy Conservation, 7th Edition

Jurisdiction:	Permit #:								
Job Information									
Builder: IC Construction, LLC. Community:	Lot: NA								
Address: SW Dyal Ave									
City: Lake City State	e: FL Zip: 32024								
Air Leakage Test Results Passing results must meet	t either the Performance, Prescriptive, or ERI Method								
PRESCRIPTIVE METHOD-The building or dwelling unit shall be test 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 shall be tested and verified as having an air leakage rate of not exceeding the selected ACH(50) value, as shown on Form R405-2020 (Performance) or R406-2020 (ERI), section labeled as infiltration, sub-section ACH50.  ACH(50) specified on Form R405-2020-Energy Calc (Performance) or R406-2020 (ERI):  5.000									
x 60 ÷ 20549  CFM(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. 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 (7F;lorida 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 official. Testing shall be performed at any time after creation of all penetrations of the individual state.									
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 fully open.									
Testing Company									
Company Name:  I hereby verify that the above Air Leakage results are in accorda Energy Conservation requirements according to the compliance									
Signature of Tester:	Date of Test:								
Printed Name of Tester:									
License/Certification #:	Issuing Authority:								