Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: DWC Thornwood lot 21 Street: 342 SW Thistlewood Lane City, State, Zip: Fort White , FL , 32038 Owner: Design Location: FL, Gainesville	Builder Name: DWC Contracting LLC Permit Office: 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(220.0 sqft.) 8. Description 9. Area 9. 220.00 ft² 9. No 1. Area 1. U-Factor: 9. Del, U=0.33 9. Description 2. 220.00 ft²	10. Wall Type≰2043.0 sqft.) a. Frame - Wood, Exterior b. Frame - Wood, Adjacent c. N/A d. N/A 11. Ceiling Types (1843.0 sqft.) a. Under Attic (Vented) b. N/A c. N/A 12. Ducts a. Sup: Attic, Ret: Attic, AH: Garage 1 Insulation R=13.0 1845.00 ft² R=13.0 198.00 ft² R=15² R=15² R=16² R=13.0 1845.00 ft² R=13.0 198.00 ft² R=13.0 19						
SHGC: SHGC=0.21 b. U-Factor: N/A ft² SHGC: c. U-Factor: N/A ft² SHGC: Area Weighted Average Overhang Depth: 1.500 ft. Area Weighted Average SHGC: 0.210 8. Skylights Area	13. Cooling systems a. Central Unit 14. Heating systems a. Electric Heat Pump kBtu/hr Efficiency 36.6 SEER:14.00 kBtu/hr Efficiency 34.2 HSPF:8.50						
c. U-Factor:(AVG) N/A ft² SHGC(AVG): N/A 9. Floor Types (1843.0 sqft.) Insulation Area a. Slab-On-Grade Edge Insulation R=0.0 1843.00 ft² b. N/A R= ft² c. N/A R= ft²	15. Hot water systems a. Electric Cap: 40 gallons EF: 0.920 b. Conservation features None 16. Credits CF, Pstat						
Glass/Floor Area: 0.119 Total Proposed Modified Total Baseline	PASS						
I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: DATE: 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).

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: DWC Thornwood lot 2 Street: 342 SW Thistlewood I City, State, Zip: Fort White , FL , 3203 Owner: Design Location: FL, Gainesville	ane	Builder Name: DWC Contracting LLC Permit Office: Permit Number: Jurisdiction: County: Columbia (Florida Clima	ate Zone 2)
a. Slab-On-Grade Edge Insulation b. N/A	New (From Plans) Detached 1 3 No 1843 0 Area 220.00 ft² ft² ft² ft² 1.500 ft. 0.210 Area ft² Insulation Area R=0.0 1843.00 ft² R= ft² R= ft²	10. Wall Type≰2043.0 sqft.) a. Frame - Wood, Exterior b. Frame - Wood, Adjacent c. N/A d. N/A 11. Ceiling Types (1843.0 sqft.) a. Under Attic (Vented) b. N/A c. N/A 12. Ducts a. Sup: Attic, Ret: Attic, AH: Garage 13. Cooling systems a. Central Unit 14. Heating systems a. Electric Heat Pump 15. Hot water systems a. Electric b. Conservation features None 16. Credits	Insulation Area R=13.0 1845.00 ft² R=13.0 198.00 ft² R= ft² R= ft² Insulation Area R=30.0 1843.00 ft² R= ft² R= ft² R= ft² A ft² A ft² A 369 kBtu/hr Efficiency 36.6 SEER:14.00 kBtu/hr Efficiency 34.2 HSPF:8.50 Cap: 40 gallons EF: 0.920 CF, Pstat
Glass/Floor Area: 0.119	Total Proposed Modifie 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 designed with the Florida Energy Code. OWNER/AGENT: DATE:	igned, 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: DATE:	COD WE TRUST

 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).

INPUT SUMMARY CHECKLIST REPORT

				PROJEC	1							
Title: Building Type: Owner Name: # of Units: Builder Name: Permit Office: Jurisdiction: Family Type: New/Existing: Comment:	1 DWC Contracti	ing LLC	Bedrooms: Conditione Total Storic Worst Cas Rotate Ang Cross Ven Whole Hou	d Area: 18 es: 1 e: No gle: 0 tilation:	0		Lot # Bloc PlatE Stree Cour	k/Subdivi Book: et:	ision:	Street Addr 342 SW Th Columbia Fort White FL, 320	istlewoo	od La
				CLIMATE	E							
7949	sign Location	TMY Site		97.5	was school we	Winter	sign Tem Summ	ner Deg	leating pree Day	ys Moistu		ange
FL	, Gainesville	FL_GAINESVILL	E_REGI	32	92	70	75	1	1305.5	51	М	edium
				BLOCKS	<u> </u>							
Number	Name	Area	Volume								_	
1	Block1	1843	16587									
				SPACES	6							
Number	Name	Area	Volume h	Kitchen Od	ccupants	Bedroon	ns I	nfil ID	Finishe	ed Coo	oled	Heat
										74		Tical
1	Main	1843	16587	Yes	3	3	1		Yes	Yes		Yes
1	Main	1843	16587	Yes	3	3			Yes	Yes		
1 #	Main Floor Type	1843 Space		FLOORS	3	3 Area			Yes			
V #	37000000	Space		FLOORS	3				Yes		ood Ca	Yes
V #	Floor Type	Space	e Perir	FLOORS	3 Value	Area			Yes	Tile Wo	ood Ca	Yes
V #	Floor Type ab-On-Grade Edge	Space Insulatio M	e Perir	FLOORS meter R- ft	3 Value	Area			Yes	Tile Wo	ood Ca	Yes
V #	Floor Type	Space	e Perir Main 227	FLOORS meter R- ft ROOF	3 Value 0	Area 1843 ft²	1		Emitt	Tile Wo	ood Ca 22 0	Yes arpet .56
V #	Floor Type ab-On-Grade Edge	Space Insulatio M	e Perir Main 227 Roof Area	FLOORS meter R- ft ROOF Gable	3 Value 0 Roof	Area 1843 ft² Rad	Solar	 SA	Emitt	Tile Wo	ood Ca 22 0 Deck	Yes arpet .56
√ # 1 Sla	Floor Type ab-On-Grade Edge Type	Space Insulatio M Materials	e Perir Main 227 Roof Area	FLOORS meter R- ft ROOF Gable Area	3 Value 0 Roof Color	Area 1843 ft² Rad Barr	Solar Absor.	SA Tested	Emitt	Tile Wo 0.22 0. Emitt Tested	Deck Insul.	Yes arpet .56
/ # 1 Sla	Floor Type ab-On-Grade Edge Type Gable or shed	Space Insulatio M Materials Composition shing	e Perir Main 227 Roof Area gles 2061 ft²	FLOORS meter R- ft ROOF Gable Area 462 ft² ATTIC	3 Value 0 Roof Color Medium	Area 1843 ft² Rad Barr N	Solar Absor.	SA Tested	Emitt	Tile Wo 0.22 0. Emitt Tested	Deck Insul.	Yes arpet .56
√ # 1 Sla	Floor Type ab-On-Grade Edge Type	Space Insulatio M Materials Composition shing	e Perir Main 227 Roof Area	FLOORS meter R- ft ROOF Gable Area 462 ft²	3 Value 0 Roof Color Medium	Area 1843 ft² Rad Barr	Solar Absor.	SA Tested	Emitt 0.9	Tile Wo 0.22 0. Emitt Tested	Deck Insul.	Yes arpet .56
# 1 Sla	Floor Type ab-On-Grade Edge Type Gable or shed Type	Space Insulatio M Materials Composition shing	e Perin Main 227 Roof Area gles 2061 ft²	FLOORS meter R- ft ROOF Gable Area 462 ft² ATTIC	3 Value 0 Roof Color Medium	Area 1843 ft² Rad Barr N	Solar Absor. 0.96	SA Tested No	Emitt 0.9	Tile Wo 0.22 0. Emitt Tested	Deck Insul.	Yes arpet .56
# 1 Sla	Floor Type ab-On-Grade Edge Type Gable or shed Type	Space Insulatio M Materials Composition shing	e Perin Main 227 Roof Area gles 2061 ft²	FLOORS meter R- ft ROOF Gable Area 462 ft² ATTIC Vent Ratio (1	3 Value 0 Roof Color Medium	Area 1843 ft² Rad Barr N Area 843 ft²	Solar Absor. 0.96	SA Tested No	Emitt 0.9	Tile Wo	Deck Insul.	Yes arpet .56

INPUT SUMMARY CHECKLIST REPORT

							VVA	ALLS				9,1			
√ # 1	Ornt		Adjace To	Wall	Type me - Wood	Space	14-Value	Wid Ft 22	lth In	Height Ft In 9	Area 198.0 ft²	Sheathing R-Value	Framing Fraction 0.11	Solar Absor.	Belo Grade
— <u>'</u>	N		arage			Main			0					0.25	
- ²	N		kterior	550	me - Wood	Main		32	6	9	292.5 ft²		0.11	0.25	
_ 3	E		kterior		me - Wood	Main		63		9	567.0 ft ²		0.11	0.25	
_ ⁴	S W		kterior		me - Wood	Main		54	6	9	490.5 ft²		0.11	0.25	
5	VV	E.	kterior	Frai	me - Wood	Main		55		9	495.0 ft²		0.11	0.25	
							DO	ORS							
\vee	#		Orni	t	Door Type	Space			Storms	U-Va	lue F	Width t In	Heigh Ft	t In	Area
	1		Ν		Insulated	Main			None	.46	3 2	8	6	8 1	7.8 ft²
	2		N		Insulated	Main			None	.46	5 1		8		8 ft²
	3		N		Insulated	Main			None	.46	5 1		8		8 ft²
	4		Е		Insulated	Main			None	.46	5 1		8		8 ft²
	5		Е		Insulated	Main			None	.46	5 1		8		8 ft²
	6		W		Insulated	Main			None	.46	3		6	8	20 ft²
V	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor		Imp	Area	Depth	rhang Separation	Int Sha		Screen
	1	Ν	2	Vinyl	Low-E Double	Yes	0.33	0.21	Ν	32.0 ft ²	1 ft 6 in	1 ft 6 in	Drapes/t	olinds	None
	2	N	2	Vinyl	Low-E Double	Yes	0.33	0.21	Ν	25.0 ft ²	1 ft 6 in	1 ft 6 in	Drapes/b	olinds	None
	3	N	2	Vinyl	Low-E Double	Yes	0.33	0.21	Ν	3.0 ft ²	1 ft 6 in	1 ft 6 in	Drapes/t	olinds	None
	4	Е	3	Vinyl	Low-E Double	Yes	0.33	0.21	N	12.0 ft ²		1 ft 6 in	Drapes/t		None
	5	Ε	3	Vinyl	Low-E Double	Yes	0.33	0.21	N	32.0 ft ²	W00W00000000	1 ft 6 in	Drapes/b		None
	6	S	4	Vinyl	Low-E Double	Yes	0.33	0.21	N	45.0 ft ²		1 ft 6 in	Drapes/b		None
_	7	S	4	Vinyl	Low-E Double	Yes	0.33	0.21	N	50.0 ft ²		1 ft 6 in	Drapes/b		None
_	8	W	5	Vinyl	Low-E Double	Yes	0.33	0.21	N	15.0 ft²		1 ft 6 in	Drapes/b		None
	9	W	5	Vinyl	Low-E Double	Yes	0.33	0.21	N	6.0 ft ²	1 ft 6 in	1 ft 6 in	Drapes/b	olinds	None
							GAF	RAGE							
V	#			r Area	Ceiling		Exposed V		imeter		/all Height	Expose	ed Wall Ins	sulation	
	1		382	2.8 ft²	382.8	ft²		64 ft			8 ft		1		
							INFILT	RATIC	N						
S	Scope		N	Method	35	SLA	CFM 50	ELA	E	qLA	ACH	ACH	1 50		

INPUT SUMMARY CHECKLIST REPORT FORM R405-2020 **HEATING SYSTEM** # System Type Subtype Speed Efficiency Capacity Block **Ducts** HSPF:8.5 1 Electric Heat Pump/ None Singl 34.2 kBtu/hr 1 sys#1 COOLING SYSTEM # System Type Subtype Air Flow SHR Block **Ducts** Subtype Efficiency Capacity 1 Central Unit/ None SEER: 14 36.6 kBtu/hr 1098 cfm 0.75 1 sys#1 Singl **HOT WATER SYSTEM** # System Type SubType Location EF Cap Use SetPnt Conservation 1 Electric None Garage 0.92 40 gal 60 gal 120 deg None SOLAR HOT WATER SYSTEM **FSEC** Collector Storage Cert # Company Name System Model # Collector Model # Area Volume FEF None None ft2

./		Sup	ply		R	eturn				CFM 25	CFM2	5		HV	AC#
V	#	Location F	R-Value	Area	Locatio	n Area	Leaka	ige Type	Handler	TOT	OUT	QN	RLF	Heat	Cool
	1	Attic	6	369 ft²	Attic	92.25 ft	Default	Leakage	Garage	(Default)	(Defau	lt)		1	1
				ÿ		TEMI	PERATU	RES							
Program	able Therr	nostat: Y			3	Ceiling Fans	s:								
Cooling Heating Venting	[] Jan [X] Jan [] Jan	X Feb X Feb Feb	[X]	Mar Mar Mar	Apr Apr X Apr	[] May [] May [] May	[X] Jun [] Jun [] Jun	[X] Jul Jul Jul	[X] Aug [] Aug [] Aug	[X] Sep [] Sep [] Sep	[x	Oct Oct Oct	X Nov X Nov X Nov	[X]	Dec Dec Dec
Thermosta	t Schedule	: HERS 20	06 Refe	rence				Но	urs						
Schedule T	Гуре		1	3	2 3	4	5	6	7	8	9	10	11	1	12
Cooling (W	/D)	AM PM	78 80	7	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	7	78 78 78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	7	78 78
Heating (W	/D)	AM PM	66 68	6	66 66 68 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	6	88 86
Heating (W	/EH)	AM PM	66 68	6	66 66 68 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	6	88 66

MASS

Thickness

0 ft

Area

0 ft²

Furniture Fraction

0.3

Space

Main

DUCTS

Mass Type

Default(8 lbs/sq.ft.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 97

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

342 SW Thistlewood Lane, Fort White, FL, 32038

2. 3. 4. 5.	g - iaimy or marapic	family family	New (F Detach 1 3 No 1843	from Plans) ed		10. Wall Type and Insulation a. Frame - Wood, Exterior b. Frame - Wood, Adjacent c. N/A d. N/A 11. Ceiling Type and insulation level a. Under Attic (Vented) b. N/A	Insulation R=13.0 R=13.0 R= R= Insulation R=30.0	1845.00 198.00	0 ft² 0 ft² ft² ft²
	Windows** a. U-Factor: SHGC: b. U-Factor: SHGC:	Description Dbl, U=0.33 SHGC=0.21 N/A		Area 220.00 ft ² ft ²	š	c. N/A 12. Ducts, location & insulation level a. Sup: Attic, Ret: Attic, AH: Garage	R=	R 6	ft² ft² 369
	c. U-Factor: SHGC:	N/A		ft²	1	Cooling systems Central Unit	kBtu/hr 36.6	Efficien SEER:14	
	d. U-Factor: SHGC: Area Weighted Average Area Weighted Average	N/A Overhang Depth: SHGC:		ft² 1.500 ft. 0.210	1	Heating systems Electric Heat Pump	kBtu/hr 34.2	Efficien HSPF:8	
8	Skylightsa. U-Factor(AVG): SHGC(AVG):	Description N/A N/A		Area ft²	1	Hot water systems Electric	Сар	o: 40 gallo EF: 0	
9	Floor Types a. Slab-On-Grade Edge b. N/A c. N/A	e Insulation	Insulation R=0.0 R= R=	Area 1843.00 ft² ft² ft²	c	b. Conservation features None redits (Performance method)		CF, Ps	stat

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: fall let Date: 5/5/5/
Address of New Home: 3425W Thistkwood Ln. City/FL Zip: Ft. White, FC 32038

*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.

Florida Department of Business and Professional Regulation - Residential Performance Method

Project No.			-			
Project Name: DWC Thornwood lot 2 Street: 342 SW Thistlewood I		Builder Name: DWC Contracting LLC Permit Office:				
City, State, Zip: Fort White , FL , 3203 Owner:	8	Permit Number:				
Design Location: FL, Gainesville		Jurisdiction: County: Columbia (Florida Clima	ate Zone 2)			
New construction or existing	New (From Plans)	10. Wall Type≰2043.0 sqft.)				
Single family or multiple family	Detached	a. Frame - Wood, Exterior	Insulation Area R=13.0 1845.00 ft ²			
Number of units, if multiple family	1	b. Frame - Wood, Adjacent	R=13.0 198.00 ft ²			
4. Number of Bedrooms	3	c. N/A d. N/A	R= ft²			
5. Is this a worst case?	No	11. Ceiling Types (1843.0 sqft.)	R= ft ² Insulation Area			
6. Conditioned floor area above grade (ft²)	1843	a. Under Attic (Vented)	R=30.0 1843.00 ft²			
Conditioned floor area below grade (ft²)	0	b. N/A c. N/A	R= ft² R= ft²			
7. Windows(220.0 sqft.) Description	Area	12. Ducts	R= ft² R ft²			
a. U-Factor: Dbl, U=0.33 SHGC: SHGC=0.21	220.00 ft²	a. Sup: Attic, Ret: Attic, AH: Garage	6 369			
b. U-Factor: N/A	ft ²	13. Cooling systems	kDtu/hr rec			
SHGC: c. U-Factor: N/A		a. Central Unit	kBtu/hr Efficiency 36.6 SEER:14.00			
c. U-Factor: N/A SHGC:	ft²					
Area Weighted Average Overhang Depth:	1.500 ft.	14. Heating systems	kBtu/hr Efficiency			
Area Weighted Average SHGC: 8. Skylights	0.210	a. Electric Heat Pump	34.2 HSPF:8.50			
c. U-Factor:(AVG) N/A	Area	- Carlotte				
SHGC(AVG): N/A	ft²	15. Hot water systems				
9. Floor Types (1843.0 sqft.)	nsulation Area	a. Electric	Cap: 40 gallons			
a. Slab-On-Grade Edge Insulation	1=0.0 1843.00 ft ²	b. Conservation features	EF: 0.920			
a N/A	= ft²	None				
R	= ft²	16. Credits	CF, Pstat			
Glass/Floor Area: 0.119	Total Proposed Modifie	ed Loads: 47.55	PASS			
	Total Baseline	Loads: 48.88	1 700			
I hereby certify that the plans and specific	cations covered by	Review of the plans and	THEST			
this calculation are in compliance with the Code.	e Florida Energy	specifications covered by this calculation indicates compliance	3000			
PREPARED BY: Jan 1925	Fright Smil Inc)	with the Florida Energy Code.	13/10/10/10/10/10/10/10/10/10/10/10/10/10/			
DATE: 5/6/21	/ right Smilling)	Before construction is completed this building will be inspected for	A COLUMN			
I hereby certify that this building, as designified with the Florida Energy Code.	ned, is in compliance	compliance with Section 553.908 Florida Statutes.	The state of the s			
OWNER/AGENT:			OD WE TR			
DATE:						
		DATE:				

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as a compliance requires 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).

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Street:

DWC Thornwood lot 21

City, State, Zip:

342 SW Thistlewood Lane Fort White, FL, 32038

Description

Dbl. U=0.33

SHGC=0.21

N/A

N/A

N/A

Owner:

Design Location:

FL. Gainesville

Builder Name: DWC Contracting LLC

Permit Office: 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(220.0 sqft.) a. U-Factor:

SHGC: b. U-Factor:

SHGC:

c. U-Factor: SHGC:

Area Weighted Average Overhang Depth: Area Weighted Average SHGC:

8. Skylights c. U-Factor:(AVG)

SHGC(AVG): N/A 9. Floor Types (1843.0 sqft.)

Glass/Floor Area: 0.119

a. Slab-On-Grade Edge Insulation b. N/A

c. N/A

New (From Plans)

Detached

3

No 1843

Area

ft2

ft2

1.500 ft. 0.210

Area

ft2

Insulation R=0.0 1843.00 ft² R= ft2 ft2

10. Wall Type\$2043.0 sqft.) a. Frame - Wood, Exterior

c. N/A

Total Baseline Loads:

220.00 ft²

Area

b. Frame - Wood, Adjacent

d. N/A

11. Ceiling Types (1843.0 sqft.) a. Under Attic (Vented)

b. N/A c. N/A 12. Ducts

a. Sup: Attic, Ret: Attic, AH: Garage

13. Cooling systems a. Central Unit

14. Heating systems a. Electric Heat Pump

15. Hot water systems

48.88

b. Conservation features None

16. Credits Total Proposed Modified Loads: 47.55

a. Electric

R=13.0 198.00 ft² R= ft2 R= ft2 Insulation Area

Insulation

R=13.0

R=30.0 1843.00 ft² R= ft2 R= ft2

R ft2 369

Area

1845.00 ft²

kBtu/hr Efficiency 36.6 SEER:14.00

kBtu/hr Efficiency

34.2 HSPF:8.50

Cap: 40 gallons

EF: 0.920

CF, Pstat

PASS

I hereby certify that the plans and specifications covered by

this calculation are in compliance with the Florida Energy Code.

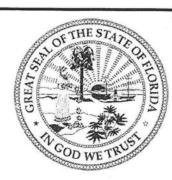
PREPARED BY: DATE:

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: DATE:

BUILDING OFFICIAL: 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.



- 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).

#

1

Ceiling Type

Under Attic (Vented)

R-Value

30

Ins Type

Blown

Area

1843 ft²

Framing Frac

0.11

Space

Main

Truss Type

Wood

INPUT SUMMARY CHECKLIST REPORT

	-						W	ALLS								
√ # 1	Orr		Adjad To Garage	Wall	Type me - Wood	Space Main	Cavity R-Value		dth In	He Ft	ight In	Area 198.0 ft²	Sheathing R-Value	Fraction	Absor	. Grade
2	N		Exterio		me - Wood	Main	13	32	6	9		292.5 ft ²		0.11	0.25	
3	E	E	Exterio	r Fra	me - Wood	Main	13	63	0	9		567.0 ft ²		0.11	0.25	
_ 4	S	E	Exterio	r Fra	me - Wood	Main	13	54	6	9		490.5 ft ²		0.11	0.25	
_ 5	W	/ E	Exterio	r Fra	me - Wood	Main	13	55	•	9		495.0 ft ²		0.11	0.25 0.25	
							DO	ORS							-	
$\sqrt{}$	#		Orn	t	Door Type	Space			Storms		U-Valu	e F	Width t In	Heigh Ft	nt In	Area
	1		N		Insulated	Main			None		.46	2		6		17.8 ft²
	2		Ν		Insulated	Main			None		.46	1	- 35	8	Ü	8 ft²
	3		Ν		Insulated	Main			None		.46	1		8		8 ft²
_	4		E		Insulated	Main			None		.46	1		8		8 ft²
	5		E		Insulated	Main			None		.46	1		8		8 ft²
-	6		W		Insulated	Main			None		.46	3		6	8	20 ft²
					. Orie	entation sho	WINI wn is the er	DOWS		d orie	ntation.					
/	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	VIDENCE THE SE	1926			Over	hang			-
	1	N	2	Vinyl	Low-E Double	Yes	0.33	0.21	Imp N		Area L0 ft²	1 ft 6 in	Separation 1 ft 6 in	Int Sha		Screen
	2	N	2	Vinyl	Low-E Double	Yes	0.33	0.21	N		.0 ft²	1 ft 6 in	1 ft 6 in	Drapes/l		None
	3	N	2	Vinyl	Low-E Double	Yes	0.33	0.21	N		0 ft²	1 ft 6 in	1 ft 6 in	Drapes/b		None
	4	Е	3	Vinyl	Low-E Double	Yes	0.33	0.21	N			1 ft 6 in	1 ft 6 in	Drapes/b		None
	5	E	3	Vinyl	Low-E Double	Yes	0.33	0.21	N			1 ft 6 in	1 ft 6 in	Drapes/t		None
	6	S	4	Vinyl	Low-E Double	Yes	0.33	0.21	N			1 ft 6 in	1 ft 6 in	Drapes/b		None
	7	S	4	Vinyl	Low-E Double	Yes	0.33	0.21	N			1 ft 6 in	1 ft 6 in	Drapes/t		None
	8	W	5	Vinyl	Low-E Double	Yes	0.33	0.21	N			1 ft 6 in	1 ft 6 in	Drapes/b		None
	9	W	5	Vinyl	Low-E Double	Yes	0.33	0.21	N	6.			1 ft 6 in	Drapes/b		None
							GAR	AGE								
/	#			r Area	Ceiling /	Area	Exposed V	Vall Peri	meter	A۱	/g. Wal	l Height	Exposed	d Wall Ins	sulation	
_	1		382	.8 ft²	382.8	ft²	6	4 ft			8 f	t	2	1		
							INFILT	RATIO	N							
				لدمطاما												
So	cope		IV	lethod	5	SLA C	FM 50	ELA	E	qLA		ACH	ACH	50		

y						HEAT	ING SY	STEM			, 1				
\checkmark		ystem Type	4.8	Subty	ре	Spe	ed	Efficiency	/ Ca	pacity			Block	D	Ducts
	1 E	lectric Heat Pu	imp/	None		Sin	gl	HSPF:8.5	34.2	kBtu/hr			1	S	ys#1
						COOL	ING SY	STEM	•						
\checkmark	# S	ystem Type		Subty	ре	Sub	type	Efficiency	Capacity	Air	Flow	SHR	Block	D	Oucts
	1 C	entral Unit/		None		Sin	gl	SEER: 14	36.6 kBtu/h	r 1098	cfm	0.75	1	S)	ys#1
						нот w	ATER S	YSTEM							
\checkmark	#	System Type	SubType	Loc	ation	EF	C	Сар	Use	SetPnt		Co	onservatio	n	
	1	Electric	None	Gar	age	0.92	40	gal	60 gal	120 deg			None		
					SOL	AR HO	T WATE	R SYSTE	М						
\checkmark	FSEC Cert #	Company Na	ame			Custom	N 4 1 - 1 - 1	-			ollector		rage		
	None	None	arrie			System	Model #	Со	llector Model	# /	Area	Volu	ume	FEF	
		TYONE								-	ft²				
							DUCTS								
\checkmark	#	Supp Location R-V			Reti ation	urn Area	l eaks	age Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HV. Heat	AC#
	1	Attic	6 369 ft ²		ttic	92.25 ft		t Leakage	Garage	(Default)			KLI	near 1	1
						TEMP	PERATU			((0.000)	,			
Programa	able Ther	mostat: Y			Ce	iling Fans	:								
Cooling Heating	[] Jan	Feb Feb	[] Mar [X] Mar [X] Mar	Apr Apr Apr	Į] May May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[1]	Oct Oct	[] Nov	11	Dec
Venting	X) Jan [] Jan			[X] Apr	t	May	[X] Jun [] Jun [] Jun	[X] Jul [] Jul [] Jul	[X] Aug Aug Aug	[X] Sep [] Sep [] Sep	M	Oct	X Nov X Nov X Nov		Dec Dec Dec
hermostat chedule T		e: HERS 2006	6 Reference 1	2	3	4	5	Hou 6	urs 7	8	9	10	11	4	12
ooling (W	5970	AM	78	78	78	78		78	78		80	80	80		80
ooling (W	EH)	PM AM	80	80	78	78	78 78	78	78	78 78	78	78	78	7	78
eating (W		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
ealing (VV		AM PM	66 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	6	68 66
	EL IX	AM	66	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	6	68 66
eating (W	EH)	AM PM	66 68	68	68	68	68	68	68	68	68	68	66	6	36

Default(8 lbs/sq.ft.

0 ft

0.3

Main

Oft2



ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 97

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

342 SW Thistlewood Lane, Fort White, FL, 32038

1.	New construction or exis	sting	New (Fr	om Plans)	Wall Type and Insulation	Insulation					
2.	Single family or multiple	family	Detache	ed	a. Frame - Wood, Exterior	R=13.0	1845.00 ft ²				
	Number of units, if multi	energen in the second	4		b. Frame - Wood, Adjacent	R=13.0	198.00 ft²				
		pie iarrilly	1		c. N/A	R=	ft²				
4.	Number of Bedrooms		3		d. N/A	R=	ft²				
5.	Is this a worst case?	nis a worst case?			this a worst case? No			 Ceiling Type and insulation level a. Under Attic (Vented) 	Insulation R=30.0	Area 1843.00 ft ²	
6.	Conditioned floor area (f	1843		b. N/A	R=	ft²					
	Windows**		Area	c. N/A	R=	ft ²					
1.	a. U-Factor:	Description Dbl, U=0.33		220.00 ft ²	 Ducts, location & insulation level a. Sup: Attic, Ret: Attic, AH: Garage 		R ft ² 6 369				
	SHGC:	SHGC=0.21			a. oup. Auto, Net. Auto, Art. Garage		0 303				
	b. U-Factor:	N/A		ft²							
	SHGC:				13. Cooling systems	kBtu/hr	Efficiency				
	c. U-Factor:	N/A		ft ²	a. Central Unit	36.6	SEER:14.00				
	SHGC:										
	d. U-Factor: SHGC:	N/A		ft²	14. Heating systems	kBtu/hr	Efficiency				
	Area Weighted Average Area Weighted Average	CONTRACTOR STATES AND ADDRESS OF THE PARTY O		1.500 ft. 0.210	a. Electric Heat Pump	34.2	HSPF:8.50				
	8. Skylights	Description		Area	15. Hot water systems						
	a. U-Factor(AVG):	N/A		ft²	a Floatric		p: 40 gallons				
	SHGC(AVG):	N/A		IC.	TY B	JILDING	EF: 0.92				
		INA			b. Conservation features						
	9. Floor Types		Insulation	Area	110110	sived C	0				
	a. Slab-On-Grade Edg	e Insulation	R=0.0	1843.00 ft ²	Credits (Performance method)	or	EF, Pstat				
	b. N/A		R=	ft²	N EU E	COPY	ME M				
	c. N/A		R=	ft²			S				
					(3)	ode /	7)				
					Com	pliance					
						EXAMINE					
					149	EVIL					

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: follow Date: 5/5/5/
Address of New Home: 3425W Thistkwood (n. City/FL Zip: Ft, White, FC

*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.