

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Shockley Street: 631 sw unity CT City, State, Zip: Fort White, FL 32038 Owner: Shockley Design Location: FL, Ocala Muni (AWOS)	Builder Name: Permit Office: Permit Number: Jurisdiction: County: (Florida Climate Zone 2)
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1. New construction or existing New (From Plans) 2. Single family or multiple family Single-Family 3. Number of units, if multiple family 1 4. Number of bedrooms 4 5. Is this a worst case? Yes 6. Conditioned floor area above grade (ft²) 1584.00 Conditioned floor area below grade (ft²) 0 7. Windows (270 ft²) Description Area (ft²) a. U-Factor: Dbl, 0.290 269.50 SHGC: 0.21 b. U-Factor: SHGC: c. U-Factor: SHGC: d. U-Factor: SHGC: Area Weighted Average Overhang Depth: 2.000 ft Area Weighted Average SHGC: 0.210 8. Floor types (1584.00 ft²) Insulation (R) Area (ft²) a. Flr floor, frm flr, 10" thkns, v 19.0 1584.00 b. N/A c. N/A	9. Wall types (1680 ft²) Insulation (R) Area (ft²) a. Fm wall, vnl ext, 1/2" wood sht 13.0 1560.00 b. Fm wall, 1/2" gyp.bd ext, 1/2" 13.0 120.00 c. N/A d. N/A 10. Ceiling types (1584 ft²) Insulation (R) Area (ft²) a. Attic ceiling, mtl roof mat, r-3 30.0 1584.00 b. N/A c. N/A 11. Ducts R Area (ft²) a. Sup: Entire House, Ret: Entire House, AH: Entire House 6.0 338.11 b. 12. Cooling systems kBtu/hr Efficiency a. Split air source heat pump 34.9 14.5 SEER2 b. 13. Heating systems kBtu/hr Efficiency a. Split air source heat pump 26.5 7.5 HSPF2 b. 14. Hot water systems Cap: 0 gal a. Gas instantaneous (0 gal) UEF: 0.99 b. Conservation features (None) 15. Credits Ceiling Fan, Pstat
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Glass/Floor area: 0.170	Total Proposed Modified Loads: 49.48	PASS
	Total Baseline Loads: 54.20	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. Prepared By <u>Danny James III</u> Signature <u><i>[Signature]</i></u> Date <u>2/12/26</u> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. Owner/Agent Name <u>Danny James III</u> Signature <u><i>[Signature]</i></u> Date <u>2/12/26</u>	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 Name _____ Signature _____ Date _____
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- 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 7.0 ACH50 (R402.4.1.2).

 My Amelia Inc DBA Inspected.com Reviewer: <u>Mike Tripp</u> <i>Michael S. tripp</i> PX3645, RPX360 Date: 2/23/2026	REVIEWED For Code Compliance in accordance with Section 553.791, F.S. Qualifier: <u>Spencer Moore</u> <i>[Signature]</i> PE 99007 Date: 2/23/2026
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Building Input Summary Report

PROJECT

Title: Shockley

Building Type: FLAsBuilt

Owner: Shockley

of Units: 1

Builder Name:

Permit Office:

Jurisdiction:

Family Type: Single-Family

New/Existing: New (From Plans)

Year Construct:

Comment:

Bedrooms: 4

Bathrooms: 3

Conditioned Area: 1584

Total Stories: 1

Worst Case: Yes

Rotate Angle: 0

Cross Ventilation: No

Whole House Fan: No

Terrain: Rural

Shielding: Suburban

Address type: Street address

Lot#:

Block/Subdivision:

Platbook:

Street: 631 sw unity CT

County:

City, State, Zip: Fort White, FL 32038

CLIMATE

✓

Design Location

TMY Site

IECC Zone

Design Temp 97.5 %

2.5 %

Int Design Temp Winter

Summer

Heating Degree Days

Design Moisture

Daily Temp Range

FL, Ocala Muni (AWOS)

FL_Gainesville_Rgn

2

34

92

68

75

1035

41

Medium

BLOCKS

#

Name

Area

Volume

1

Entire House

1584.00 ft²

15840.00 ft³

SPACES

#

Area

Volume

Kitchen

Occupants

Bedrooms

Infil ID

Finished

Cooled

Heated

1

Bed7

144.00 ft²

1440.00 ft³

No

1

1

1

Yes

Yes

Yes

2

Bed4

138.00 ft²

1380.00 ft³

No

1

1

1

Yes

Yes

Yes

3

Dining

189.75 ft²

1897.50 ft³

No

0

0

1

Yes

Yes

Yes

4

Living

374.50 ft²

3745.00 ft³

No

0

0

1

Yes

Yes

Yes

5

Bed6

144.00 ft²

1440.00 ft³

No

1

1

1

Yes

Yes

Yes

6

Lndy

48.75 ft²

487.50 ft³

No

0

0

1

Yes

Yes

Yes

7

Kitchen

206.25 ft²

2062.50 ft³

No

0

0

1

Yes

Yes

Yes

8

Half Bath

30.00 ft²

300.00 ft³

No

0

0

1

Yes

Yes

Yes

9

Closet

18.00 ft²

180.00 ft³

No

0

0

1

Yes

Yes

Yes

10

Bed5

143.75 ft²

1437.50 ft³

No

1

1

1

Yes

Yes

Yes

11

Bath3

74.75 ft²

747.50 ft³

No

0

0

1

Yes

Yes

Yes

12

Bath2

72.25 ft²

722.50 ft³

No

0

0

1

Yes

Yes

Yes

FLOORS

(Total Exposed Area = 1584 sq.ft.)

✓

#

Floor Type

Space

Perimeter

R-Value

Area

U-Factor

Tile

Wood

Carpet

1

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Bed7

24 ft

19

144.00 ft²

0.049

0

1.0

0

2

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Bed4

12 ft

19

138.00 ft²

0.049

0

1.0

0

3

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Dining

16 ft

19

189.75 ft²

0.049

0

1.0

0

4

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Living

23 ft

19

374.50 ft²

0.049

0

1.0

0

5

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Bed6

24 ft

19

144.00 ft²

0.049

0

1.0

0

6

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Lndy

6 ft

19

48.75 ft²

0.049

0

1.0

0

7

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Kitchen

16 ft

19

206.25 ft²

0.049

0

1.0

0

8

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Half Bath

0 ft

19

30.00 ft²

0.049

0

1.0

0

9

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Closet

6 ft

19

18.00 ft²

0.049

0

1.0

0

10

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Bed5

12 ft

19

143.75 ft²

0.049

0

1.0

0

11

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Bath3

6 ft

19

74.75 ft²

0.049

0

1.0

0

12

Flr floor, frm flr, 10" thkns, vinyl flr fnsh, r-

Bath2

8 ft

19

72.25 ft²

0.049

0

1.0

0

ROOF

✓

#

Type

Materials

Roof Area

Gable Area

Roof Color

Rad Bar

Solar Absor.

SA Tested

Emitt

Emitt Tested

Deck Insul.

Pitch (deg)

1

Gable or shed

RoofMetal

1716 ft²

330 ft²

Light

N

0.75

No

0.90

No

0

23

ATTIC

✓

#

Type

Ventilation

Vent Ratio (1 in)

Area

RBS

IRCC

1

Full attic

Vented

300

1584.00 ft²

N

N

REVIEWED
For Code Compliance
in accordance with
Section 553.791, F.S.

Reviewer:

Mike Tripp
PX3645, RPX360
Date: 2/23/2026

Qualifier:

Spencer Moore
PE 99007
Date: 2/23/2026

CEILING (Total Exposed Area = 1584 sq.ft.)															
✓ #		Ceiling Type	Space	R-Value	U-Factor	Area	Framing Fraction	Truss Type							
1		Attic ceiling, mtl roof mat, r-30 ce	Bed7	30	0.032	144.00 ft²	0.10	—							
2		Attic ceiling, mtl roof mat, r-30 ce	Bed4	30	0.032	138.00 ft²	0.10	—							
3		Attic ceiling, mtl roof mat, r-30 ce	Dining	30	0.032	189.75 ft²	0.10	—							
4		Attic ceiling, mtl roof mat, r-30 ce	Living	30	0.032	374.50 ft²	0.10	—							
5		Attic ceiling, mtl roof mat, r-30 ce	Bed6	30	0.032	144.00 ft²	0.10	—							
6		Attic ceiling, mtl roof mat, r-30 ce	Lndy	30	0.032	48.75 ft²	0.10	—							
7		Attic ceiling, mtl roof mat, r-30 ce	Kitchen	30	0.032	206.25 ft²	0.10	—							
8		Attic ceiling, mtl roof mat, r-30 ce	Half Bath	30	0.032	30.00 ft²	0.10	—							
9		Attic ceiling, mtl roof mat, r-30 ce	Closet	30	0.032	18.00 ft²	0.10	—							
10		Attic ceiling, mtl roof mat, r-30 ce	Bed5	30	0.032	143.75 ft²	0.10	—							
11		Attic ceiling, mtl roof mat, r-30 ce	Bath3	30	0.032	74.75 ft²	0.10	—							
12		Attic ceiling, mtl roof mat, r-30 ce	Bath2	30	0.032	72.25 ft²	0.10	—							

WALLS (Total Exposed Area = 1680 sq.ft.)															
✓ #	Omt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft In	Height Ft In	Area	Sheathing R-Value	U-Factor	Frm. Frac.	Solar Absor.	Below Grade%		
1	S	Exterior	Frm wall, vnl ext	Bed7	13	12 0	10 0	120.0 ft²	0	0.091	0.25	0.60	0		
2	W	Exterior	Frm wall, vnl ext	Bed7	13	12 0	10 0	120.0 ft²	0	0.091	0.25	0.60	0		
3	N	Exterior	Frm wall, vnl ext	Bed4	13	12 0	10 0	120.0 ft²	0	0.091	0.25	0.60	0		
4	W	Exterior	Frm wall, 1/2" gy	Dining	13	6 0	10 0	60.0 ft²	0	0.091	0.25	0.75	0		
5	W	Exterior	Frm wall, vnl ext	Dining	13	16 6	10 0	165.0 ft²	0	0.091	0.25	0.60	0		
6	S	Exterior	Frm wall, vnl ext	Living	13	23 0	10 0	230.0 ft²	0	0.091	0.25	0.60	0		
7	N	Exterior	Frm wall, vnl ext	Bed6	13	12 0	10 0	120.0 ft²	0	0.091	0.25	0.60	0		
8	W	Exterior	Frm wall, vnl ext	Bed6	13	12 0	10 0	120.0 ft²	0	0.091	0.25	0.60	0		
9	N	Exterior	Frm wall, vnl ext	Lndy	13	6 6	10 0	65.0 ft²	0	0.091	0.25	0.60	0		
10	E	Exterior	Frm wall, 1/2" gy	Lndy	13	6 0	10 0	60.0 ft²	0	0.091	0.25	0.75	0		
11	N	Exterior	Frm wall, vnl ext	Kitchen	13	16 6	10 0	165.0 ft²	0	0.091	0.25	0.60	0		
12	S	Exterior	Frm wall, vnl ext	Closet	13	6 0	10 0	60.0 ft²	0	0.091	0.25	0.60	0		
13	N	Exterior	Frm wall, vnl ext	Bed5	13	12 6	10 0	125.0 ft²	0	0.091	0.25	0.60	0		
14	N	Exterior	Frm wall, vnl ext	Bath3	13	6 6	10 0	65.0 ft²	0	0.091	0.25	0.60	0		
15	S	Exterior	Frm wall, vnl ext	Bath2	13	8 6	10 0	85.0 ft²	0	0.091	0.25	0.60	0		

WINDOWS (Total Exposed Area = 270 sq.ft.)															
✓ #	Omt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Impact	W x H, Area	Overhang Depth	Separation	Interior Shade	Screening		
1	S	1	TIM	Low-E Double	Yes	0.290	0.21	No	3'0" x 5'0", 15 ft²	2 ft 0 in	1 ft 0 in	Blinds 45°	None		
2	W	2	TIM	Low-E Double	Yes	0.290	0.21	No	3'0" x 5'0", 15 ft²	2 ft 0 in	1 ft 0 in	Blinds 45°	None		
3	N	3	TIM	Low-E Double	Yes	0.290	0.21	No	3'0" x 5'0", 15 ft²	2 ft 0 in	1 ft 0 in	Blinds 45°	None		
4	S	5	TIM	Low-E Double	Yes	0.290	0.21	No	13'4" x 6'0", 80 ft²	2 ft 0 in	1 ft 0 in	Blinds 45°	None		
5	S	6	TIM	Low-E Double	Yes	0.290	0.21	No	6'9" x 6'0", 41 ft²	2 ft 0 in	1 ft 0 in	Blinds 45°	None		
6	S	6	TIM	Low-E Double	Yes	0.290	0.21	No	6'10" x 6'0", 41 ft²	2 ft 0 in	1 ft 0 in	Blinds 45°	None		
7	N	7	TIM	Low-E Double	Yes	0.290	0.21	No	3'0" x 5'0", 15 ft²	2 ft 0 in	1 ft 0 in	Blinds 45°	None		
8	W	8	TIM	Low-E Double	Yes	0.290	0.21	No	3'0" x 5'0", 15 ft²	2 ft 0 in	1 ft 0 in	Blinds 45°	None		
9	N	11	TIM	Low-E Double	Yes	0.290	0.21	No	6'0" x 3'0", 18 ft²	2 ft 0 in	1 ft 0 in	Blinds 45°	None		
10	N	13	TIM	Low-E Double	Yes	0.290	0.21	No	3'0" x 5'0", 15 ft²	2 ft 0 in	1 ft 0 in	Blinds 45°	None		

GARAGE						
✓ #	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation	
1					0	

INFILTRATION							
#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH
1	Wholehouse	Simplified	0.000445	1848	101.5	190.7	7.00

HEATING SYSTEM							
✓ #	System Type	Subtype	Efficiency	Capacity	Block	Ducts	
1	Split air source heat pump		7.5 HSPF2	34.0 kBtu/hr	1	sys#1	

COOLING SYSTEM							
✓ #	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block
1	Split air source heat pump		14.5 SEER2	35.0 kBtu/hr	1190 cfm	0.70	1

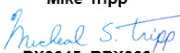
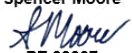
HOT WATER SYSTEM							
✓ #	System Type	Subtype	Location	EF	Cap	Use	SetPnt
1	Gas instantaneous			0.99 UEF	0 gal	70 gal	120 °F

DUCTS									
✓ #	Supply Location	Supply R-Value	Supply Area	Return Location	Return Area	Leakage Type	Air Handler	CFM Out	Percent Leakage
1	Entire House	6.0	338 ft²	Entire House	100 ft²	Default Leakage	Entire House	(Default)	25

HVAC #	REVIEWED
My Amelia Inc DBA	For Code Compliance in accordance with Section 553.791, F.S.
Inspected.com	
Reviewer: Mike Tripp	Qualifier: Spencer Moore
Michael S. tripp PX3645, RPX360	PE 99007
Date: 2/23/2026	Date: 2/23/2026

TEMPERATURES

Programmable Thermostat: Y														Ceiling Fans:											
Cooling	[X]	Jan	[X]	Feb	[X]	Mar	[X]	Apr	[X]	May	[X]	Jun	[X]	Jul	[X]	Aug	[X]	Sep	[X]	Oct	[X]	Nov	[X]	Dec	
Heating	[X]	Jan	[X]	Feb	[X]	Mar	[X]	Apr	[X]	May	[X]	Jun	[X]	Jul	[X]	Aug	[X]	Sep	[X]	Oct	[X]	Nov	[X]	Dec	
Venting	[X]	Jan	[X]	Feb	[X]	Mar	[X]	Apr	[X]	May	[X]	Jun	[X]	Jul	[X]	Aug	[X]	Sep	[X]	Oct	[X]	Nov	[X]	Dec	
Thermostat Schedule:				Florida Building Code, 8th Edition												Hours									
Schedule Type				(2023)	1	2	3	4	5	6	7	8	9	10	11	12									
Cooling (WD)				AM PM	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75									
Cooling (WEH)				AM PM	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75									
Heating (WD)				AM PM	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72										
Heating (WEH)				AM PM	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72										

		REVIEWED	
For Code Compliance in accordance with Section 553.791, F.S.			
Reviewer:		Qualifier:	
Mike Tripp		Spencer Moore	
			
PX3645, RPX360		PE 99007	
Date: 2/23/2026		Date: 2/23/2026	

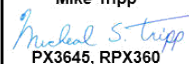
ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD**ESTIMATED ENERGY PERFORMANCE INDEX = 91****The lower the EnergyPerformance Index, the more efficient the home.**

1. New home or addition	1. <u>New (From Plans)</u>	12. Ducts, location & insulation level	
2. Single-family or multiple-family	2. <u>Single-Family</u>	a. Supply ducts:	R <u>6.0</u>
3. Number of units, if multiple-family	3. <u>1</u>	b. Return ducts:	R <u>6.0</u>
4. Number of bedrooms	4. <u>4</u>	c. AHU location:	<u>Entire House</u>
5. Is this a worst case? (yes/no)	5. <u>Yes</u>	13. Cooling systems	Capacity <u>34.9</u>
6. Conditioned floor area (ft ²)	6. <u>1584.00</u>	a. Split system:	SEER2 <u>14.50</u>
7. Windows, type and area*		b. Single package:	SEER2 <u></u>
a. U-Factor:	7a. <u>Dbl, 0.290</u>	c. Ground/water source:	SEER/COP <u></u>
b. Solar Heat Gain Coefficient (SHGC):	7b. <u>0.21</u>	d. Room unit/PTAC:	EER <u></u>
c. Area (ft ²)	7c. <u>270</u>	e. Other:	<u></u>
8. Skylights		14. Heating systems	Capacity <u>26.5</u>
a. U-Factor:	8a. <u></u>	a. Split system heat pump:	HSPF2 <u>7.50</u>
b. Solar Heat Gain Coefficient (SHGC):	8b. <u></u>	b. Single package heat pump:	HSPF2 <u></u>
9. Floor type, insulation level		c. Electric resistance:	COP <u></u>
a. Slab-on-grade (R-value):	9a. <u></u>	d. Gas furnace, natural gas:	AFUE <u></u>
b. Wood, raised (R-value):	9b. <u>19.0</u>	e. Gas furnace, LPG:	AFUE <u></u>
c. Concrete, raised (R-value):	9c. <u></u>	f. Other:	<u></u>
10 Wall type and insulation:		15. Water heating systems	
a. Exterior:		a. Electric resistance:	<u></u>
1. Wood/mtl frame (Insulation R-value):	10a1. <u>13.0</u>	b. Gas fired, natural gas:	<u>0.99 UEF</u>
2. Masonry (Insulation R-value):	10a2. <u></u>	c. Gas fired, LPG:	<u></u>
b. Adjacent:		d. Solar system with tank:	<u></u>
1. Wood/mtl frame (Insulation R-value):	10b1. <u></u>	e. Dedicated heat pump with tank:	<u></u>
2. Masonry (Insulation R-value):	10b2. <u></u>	f. Heat recovery unit:	HeatRec% <u></u>
11. Ceiling type and insulation level		g. Other:	<u></u>
a. Under attic (R-value):	11a. <u>30.0</u>	16. HVAC credits claimed (Performance Method)	
b. Single assembly (R-value):	11b. <u></u>	a. Ceiling fans:	<u>Yes</u>
c. Knee walls/skylight walls (R-value):	11c. <u></u>	b. Cross ventilation:	<u></u>
d. Radiant barrier installed	11d. <u>No</u>	c. Whole house fan:	<u></u>
		d. Multizone cooling credit:	<u></u>
		e. Multizone heating credit:	<u></u>
		f. Programmable thermostat:	<u>Yes</u>

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

I certify that this home has complied with the Florida Building Code, Energy Conservation, 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: 2/12/26Address of New Home: 631 sw unity CTCity/FL Zip: Fort White, FL 32038

		REVIEWED For Code Compliance in accordance with Section 553.791, F.S.
Reviewer:	Qualifier:	
Mike Tripp  PX3645, RPX360	Spencer Moore  PE 99007	
Date: 2/23/2026	Date: 2/23/2026	