

FORM R405-2023

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: 24-1088 Henrietta - Unit A 1st Floor		Builder Name:	
Street: 1400 Henrietta Ave		Permit Office:	
City, State, Zip: West Palm Beach, FL, 33401		Permit Number:	
Owner:		Jurisdiction:	
Design Location: FL, NAPLES_MUNICIPAL		County: Palm Beach(Florida Climate Zone 1)	

1. New construction or existing	New (From Plans)	10. Wall Types(561.8 sqft.)	Insulation	Area
2. Single family or multiple family	Attached	a. Concrete Block - Int Insul, Exterior R=10.0		561.80 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	1	c. N/A		
5. Is this a worst case?	Yes	d. N/A		
6. Conditioned floor area above grade (ft ²)	614	11. Ceiling Types(614.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Under Neighbor (Vented)	R=1.0	614.00 ft ²
7. Windows(66.0 sqft.)	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25	12. Roof(Comp. Shingles, Vented) Deck R=1.0		665 ft ²
b. U-Factor:	Sgl, U=0.50	13. Ducts, location & insulation level	R	ft ²
SHGC:	SHGC=0.55	a. Sup: 1st Floor, Ret: 1st Floor, AH: 1st Floor	6	68
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	2.000 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.386	a. Central Unit	17.5	SEER2:15.20
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Strip Heat	13.1	COP:1.00
SHGC(AVG):	N/A	16. Hot Water Systems		
9. Floor Types	Insulation	a. Electric		Cap: 40 gallons
a. Slab-On-Grade Edge Insulation	R= 0.0			EF: 0.920
b. N/A	R=	b. Conservation features		
c. N/A	R=			None
		17. Credits		Pstat

Glass/Floor Area: 0.107

Total Proposed Modified Loads: 23.62

Total Baseline Loads: 24.91

PASS

NOTE: Proposed residence must have annual total normalized Modified Loads that are less than or equal to 95 percent of the annual total loads of the standard reference design in order to comply.

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: _____



Digitally signed by Michael J Bishop
DN: cn=Michael J Bishop,
#CNQualifier=AS4140000013649C481C00009E1E,
c=US
Location: THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY MICHAEL J. BISHOP, PE
COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED AND THE
SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.
Date: 2025.09.12 14:23:13 -0400

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 with a proposed duct leakage Qn requires a PERFORMANCE Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires a PERFORMANCE envelope leakage test report with envelope leakage no greater than 7.00 ACH50 (R402.4.1.2).

PERMIT # 25120639-COM-BLDG

07/20/2026

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Page 1

OFFICIAL PERMIT RECORD

INPUT SUMMARY CHECKLIST REPORT

PROJECT																								
Title:	24-1088 Henrietta - Unit A 1st Floor				Address type:		Street Address																	
Building Type:	User				Bedrooms:	1		Lot #:	---															
Owner:					Conditioned Area:	614		Block/SubDivision:	---															
Builder Home ID:					Total Stories:	2		PlatBook:	---															
Builder Name:					Worst Case:	Yes		Street:	1400 Henrietta Ave															
Permit Office:					Rotate Angle:	180		County:	Palm Beach															
Jurisdiction:					Cross Ventilation:			City, State, Zip:	West Palm Beach, FL, 33401															
Family Type:	Attached				Whole House Fan:																			
New/Existing:	New (From Plans)				Terrain:	Suburban																		
Year Construct:	2025				Shielding:	Suburban																		
Comment:																								
CLIMATE																								
✓ Design Location	Tmy Site			Design Temp		Int Design Temp		Heating		Design		Daily temp												
				97.5% 2.5%		Winter Summer		Degree Days		Moisture		Range												
___ FL, NAPLES_MUNICIPAL	FL_NAPLES_MUNICIPAL			46 90		70 75		288.5		58		Medium												
BLOCKS																								
✓ Number	Name		Area		Volume																			
___ 1	Block1		614		6551 cu ft																			
SPACES																								
✓ Number	Name		Area		Volume		Kitchen		Occupants		Bedrooms		Finished		Cooled		Heated							
___ 1	1st Floor		614		6551		Yes		2		1		Yes		Yes		Yes							
FLOORS														(Total Exposed Area = 614 sq.ft.)										
✓ #	Floor Type		Space		Exposed Perim(ft)		Area		R-Value Perim. Joist		U-Factor		Slab Insul. Vert/Horiz		Tile		Wood		Carpet					
___ 1	Slab-On-Grade Edge Ins		1st Floor		614 sqft		0.0 ---		0.304		0 (ft)/0 (ft)		0.00		0.00		1.00							
ROOF																								
✓ #	Type		Materials		Roof Area		Gable Area		Framing. Fract.		Roof Color		Rad Barr		Solar Absor.		SA Tested		Emitt Tested		Deck Insul.		Pitch (deg)	
___ 1	Hip		Composition shingles		665 ft²		0 ft²		0.11		Light		N		0.96		No		0.9		No		1 22.62	
ATTIC																								
✓ #	Type		Ventilation		Vent Ratio (1 in)		Area		RBS		IRCC													
___ 1	No attic		Vented		300		614 ft²		N		N													
CEILING														(Total Exposed Area = 0 sq.ft.)										
✓ #	Ceiling Type		Space		R-Value		Ins. Type		Area		U-Factor		Framing Frac.		Truss Type									
___ 1	Under Neighbor(Vented)		1st Floor		1.0		Blown		614.0ft²		0.181		0.11		Wood									

CITY OF WEST PALM BEACH
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INPUT SUMMARY CHECKLIST REPORT

WALLS															(Total Exposed Area = 562 sq.ft.)				
Note: First wall orientation below is as entered. Actual orientation is modified by the rotate angle (180 degrees) as shown in the "Project" section on page 1.																			
✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area sq.ft.	U-Factor	Sheath R-Value	Frm. Frac.	Solar Absor.	Below Grade				
___ 1	W=>E	Exterior	Conc. Blk - Int Ins	1st Floor	10.0	26.5	0	10.6	0	280.9	0.071	1.5	0	0.75	0.0 %				
___ 2	E=>W	Exterior	Conc. Blk - Int Ins	1st Floor	10.0	26.5	0	10.6	0	280.9	0.071	1.5	0	0.75	0.0 %				

DOORS												(Total Exposed Area = 21 sq.ft.)		
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area			
___ 1	W=>E	Exterior	Insulated	1st Floor	None	0.46	3.00	0	7.00	0	21.0ft²			

WINDOWS															(Total Exposed Area = 66 sq.ft.)		
✓ #	Ornt	Wall ID	Frame	Panes	NFRC U-Factor	SHGC	Imp	Storm	Total Area (ft²)	Same Units	Width (ft)	Height (ft)	--Overhang-- Depth (ft)	Sep. (ft)	Interior Shade	Screen	
___ 1	W=>E	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	30.0	2	3.00	5.00	2.0	2.0	Drapes/blinds	None
___ 2	W=>E	1	Metal	Single (Clear)	Y	0.50	0.55	Y	N	30.0	1	6.00	5.00	2.0	2.0	Drapes/blinds	None
___ 3	W=>E	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	6.0	1	2.00	3.00	2.0	2.0	Drapes/blinds	None

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00047	764	41.93	78.73	0.1871	7.0	All	6551 cu ft

MASS					
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	1st Floor

HEATING SYSTEM											
✓ #	System Type	Subtype	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal HeatPump--- Entry Power Volt Current			Ducts	Block	
___ 1	Electric Strip Heat	None		COP: 1.00	13.1			0.00	0.00	0.00	sys#1 1

COOLING SYSTEM									
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
___ 1	Central Unit	None/Single		SEER2:15.2	17.5	615	0.75	sys#1	1

CITY OF WEST PALM BEACH
BUILDING DIVISION

WEST PALM BEACH

PERMIT # 25120639-COM-BLDG

07/20/2026

INPUT SUMMARY CHECKLIST REPORT**HOT WATER SYSTEM**

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixt. Flow	Trap	Pipe Ins.	Pipe length
___ 1	Electric	None	1st Floor	0.92 (0.92)	40.0 gal	40 gal	120 deg	Standard	Yes	=>R-3	99
	Recirculation System	Recirc Control Type	Loop length	Branch length	Pump power	DWHR	Facilities Connected	Equal Flow	DWHR Eff	Other Credits	
___ 1	No		NA	NA	NA	No	NA	NA	NA	None	

DUCTS

✓ Duct #	-----Supply----- Location R-Value Area	-----Return----- Location R-Value Area	Leakage Type	AHU Location	CFM 25 TOT OUT	QN OUT	AHU SEALED	RLF	HVAC # Heat Cool
___ 1	1st Floor 6.0 68 ft²	1st Floor 6.0 0 ft²	Prop. Leak Free	1st Floor	--- ---	0.030	Yes	0.50	1 1

TEMPERATURES

Programable Thermostat: Y				Ceiling Fans: N									
Cooling	☐ Jan	☐ Feb	☐ Mar	☐ Apr	☐ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☐ Oct	☐ Nov	☐ Dec	
Heating	☒ Jan	☒ Feb	☒ Mar	☐ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☐ Oct	☒ Nov	☒ Dec	
Venting	☐ Jan	☐ Feb	☒ Mar	☒ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☒ Oct	☒ Nov	☐ Dec	
✓	Thermostat Schedule: HERS 2006 Reference												
	Schedule Type	1	2	3	4	5	6	Hours 7	8	9	10	11	12
___	Cooling (WD)	AM 78 PM 80	78 80	78 78	78 78	78 78	78 78	78 78	78 78	80 78	80 78	80 78	80 78
___	Cooling (WEH)	AM 78 PM 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78
___	Heating (WD)	AM 66 PM 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	68 66
___	Heating (WEH)	AM 66 PM 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	68 66

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OFFICIAL PERMIT RECORD

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 95

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

1400 Henrietta Ave ,West Palm Beach,FL,33401

1. New construction or existing	New (From Plans)	10. Wall Types(561.8 sqft.)	Insulation	Area
2. Single family or multiple family	Attached	a. Concrete Block - Int Insul, Exterior	R=10.0	561.80 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	1	c. N/A		
5. Is this a worst case?	Yes	d. N/A		
6. Conditioned floor area above grade (ft ²)	614	11. Ceiling Types(614.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Under Neighbor (Vented)	R=1.0	614.00 ft ²
7. Windows**	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25	12. Roof(Comp. Shingles, Vented) Deck	R=1.0	665 ft ²
b. U-Factor:	Sgl, U=0.50	13. Ducts, location & insulation level	R	ft ²
SHGC:	SHGC=0.55	a. Sup: 1st Floor, Ret: 1st Floor, AH: 1st Floor	6	68
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	2.000 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.386	a. Central Unit	17.5	SEER2:15.20
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Strip Heat	13.1	COP:1.00
SHGC(AVG):	N/A			
9. Floor Types	Insulation	16. Hot Water Systems		
a. Slab-On-Grade Edge Insulation	R= 0.0	a. Electric		Cap: 40 gallons
b. N/A	R=			EF: 0.920
c. N/A	R=	b. Conservation features		
				None
		17. 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: 1400 Henrietta Ave

City/FL Zip: West Palm Beach,FL,33401



CITY OF WEST PALM BEACH
BUILDING DIVISION
 *Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficiency 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.

PERMIT # 25120639-COM-BLDG

07/20/2026

FORM R405-2023

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: 24-1088 Henrietta - Unit A 2nd Floor		Builder Name:	
Street: 1400 Henrietta Ave		Permit Office:	
City, State, Zip: West Palm Beach, FL, 33401		Permit Number:	
Owner:		Jurisdiction:	
Design Location: FL, NAPLES_MUNICIPAL		County: Palm Beach(Florida Climate Zone 1)	

1. New construction or existing	New (From Plans)	10. Wall Types(694.3 sqft.)	Insulation	Area
2. Single family or multiple family	Attached	a. Concrete Block - Int Insul, Exterior R=10.0	694.30 ft ²	
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	1	c. N/A		
5. Is this a worst case?	Yes	d. N/A		
6. Conditioned floor area above grade (ft ²)	614	11. Ceiling Types(614.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Flat ceiling under att (Vented)	R=38.0	614.00 ft ²
7. Windows(66.0 sqft.)	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25	12. Roof(Comp. Shingles, Vented) Deck R=0.5		665 ft ²
b. U-Factor:	Sgl, U=0.50	13. Ducts, location & insulation level	R	ft ²
SHGC:	SHGC=0.55	a. Sup: 2nd Floor, Ret: 2nd Floor, AH: 2nd Floor	6	68
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	2.000 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.386	a. Central Unit	17.5	SEER2:15.20
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Strip Heat	13.1	COP:1.00
SHGC(AVG):	N/A	16. Hot Water Systems		
9. Floor Types	Insulation	a. Electric		Cap: 40 gallons
a. Floor Over Other Space	R= 0.0	b. Conservation features		UEF: 0.920
b. N/A	R=			
c. N/A	R=			
		17. Credits		None
				Pstat

Glass/Floor Area: 0.107

Total Proposed Modified Loads: 26.60

Total Baseline Loads: 29.83

PASS

NOTE: Proposed residence must have annual total normalized Modified Loads that are less than or equal to 95 percent of the annual total loads of the standard reference design in order to comply.

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: _____



Digitally signed by Michael J. Bishop
DN: cn=Michael J. Bishop,
ou=Qualifier+421420000010A0C4B1C000000E1E,
c=US, email=mjbishop@floridapower.com
Location: THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY MICHAEL J. BISHOP, P.E.
PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED AND THE
SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.
Date: 2025.09.12 14:23:37 -0400

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 with a proposed duct leakage Qn requires a PERFORMANCE Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires a PERFORMANCE envelope leakage test report with envelope leakage no greater than 7.00 ACH50 (R402.4.1.2).

PERMIT # 25120639-COM-BLDG

07/20/2026

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Page 1

OFFICIAL PERMIT RECORD

INPUT SUMMARY CHECKLIST REPORT

PROJECT												
Title:	24-1088 Henrietta - Unit A 2nd Floor				Address type:		Street Address					
Building Type:	User		Bedrooms:	1		Lot #:	---					
Owner:			Conditioned Area:	614		Block/SubDivision:	---					
Builder Home ID:			Total Stories:	2		PlatBook:	---					
Builder Name:			Worst Case:	Yes		Street:	1400 Henrietta Ave					
Permit Office:			Rotate Angle:	180		County:	Palm Beach					
Jurisdiction:			Cross Ventilation:			City, State, Zip:	West Palm Beach, FL, 33401					
Family Type:	Attached		Whole House Fan:									
New/Existing:	New (From Plans)		Terrain:	Suburban								
Year Construct:	2025		Shielding:	Suburban								
Comment:												
CLIMATE												
✓ Design Location	Tmy Site		Design Temp		Int Design Temp		Heating		Design		Daily temp	
			97.5% 2.5%		Winter Summer		Degree Days		Moisture		Range	
___ FL, NAPLES_MUNICIPAL	FL_NAPLES_MUNICIPAL		46 90		70 75		288.5		58		Medium	
BLOCKS												
✓ Number	Name		Area		Volume							
___ 1	Block1		614		6551 cu ft							
SPACES												
✓ Number	Name		Area		Volume		Kitchen		Occupants		Bedrooms	
											Finished	
											Cooled	
											Heated	
___ 1	2nd Floor		614		6551		Yes		2		1	
											Yes	
											Yes	
											Yes	
FLOORS (Total Exposed Area = 0 sq.ft.)												
✓ #	Floor Type		Space		Exposed Perim(ft)		Area		R-Value Perim. Joist		U-Factor	
											Slab Insul. Vert/Horiz	
											Tile	
											Wood	
											Carpet	
___ 1	Floor Over Other Space		2nd Floor		---		614 sqft		---		0.0	
											0.173	

											0.00	
											0.00	
											1.00	
ROOF												
✓ #	Type		Materials		Roof Area		Gable Area		Framing. Fract.		Roof Color	
											Rad Barr	
											Solar Absor.	
											SA Tested	
											Emitt Tested	
											Deck Insul.	
											Pitch (deg)	
___ 1	Hip		Composition shingles		665 ft²		0 ft²		0.11		Light	
											N	
											0.8	
											No	
											0.9	
											No	
											0.5	
											22.62	
ATTIC												
✓ #	Type		Ventilation		Vent Ratio (1 in)		Area		RBS		IRCC	
___ 1	Full attic		Vented		300		614 ft²		N		N	
CEILING (Total Exposed Area = 614 sq.ft.)												
✓ #	Ceiling Type		Space		R-Value		Ins. Type		Area		U-Factor	
											Framing Frac.	
											Truss Type	
___ 1	Flat ceiling under attic(Vented)		2nd Floor		38.0		Double Batt		614.0ft²		0.024	
											0.11	
											Wood	

CITY OF WEST PALM BEACH
BUILDING DIVISION

PERMIT # 25120639-COM-BLDG
07/20/2026
7/3/2025 11:39:08 AM
OFFICIAL PERMIT RECORD

INPUT SUMMARY CHECKLIST REPORT

WALLS															(Total Exposed Area = 694 sq.ft.)				
Note: First wall orientation below is as entered. Actual orientation is modified by the rotate angle (180 degrees) as shown in the "Project" section on page 1.																			
✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area sq.ft.	U-Factor	Sheath R-Value	Frm. Frac.	Solar Absor.	Below Grade				
___ 1	W=>E	Exterior	Conc. Blk - Int Ins	2nd Floor	10.0	39.0	0	10.6	0	413.4	0.071	1.5	0	0.75	0.0 %				
___ 2	E=>W	Exterior	Conc. Blk - Int Ins	2nd Floor	10.0	26.5	0	10.6	0	280.9	0.071	1.5	0	0.75	0.0 %				

DOORS												(Total Exposed Area = 21 sq.ft.)		
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area			
___ 1	W=>E	Exterior	Insulated	2nd Floor	None	0.46	3.00	0	7.00	0	21.0ft²			

WINDOWS															(Total Exposed Area = 66 sq.ft.)		
✓ #	Ornt	Wall ID	Frame	Panes	NFRC U-Factor	SHGC	Imp	Storm	Total Area (ft²)	Same Units	Width (ft)	Height (ft)	--Overhang-- Depth (ft)	Sep. (ft)	Interior Shade	Screen	
___ 1	W=>E	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	30.0	2	3.00	5.00	2.0	2.0	Drapes/blinds	None
___ 2	W=>E	1	Metal	Single (Clear)	Y	0.50	0.55	Y	N	30.0	1	6.00	5.00	2.0	2.0	Drapes/blinds	None
___ 3	W=>E	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	6.0	1	2.00	3.00	2.0	2.0	Drapes/blinds	None

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00047	764	41.93	78.73	0.1871	7.0	All	6551 cu ft

MASS					
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	2nd Floor

HEATING SYSTEM											
✓ #	System Type	Subtype	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal Entry	Heat Pump Power	Volt	Current	Ducts	Block
___ 1	Electric Strip Heat	None		COP: 1.00	13.1		0.00	0.00	0.00	sys#1	1

COOLING SYSTEM									
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
___ 1	Central Unit	None/Single		SEER2:15.2	17.5	615	0.75	sys#1	1

CITY OF WEST PALM BEACH

BUILDING DIVISION



WEST PALM BEACH

PERMIT # 25120639-COM-BLDG

07/20/2026

INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixt. Flow	Trap	Pipe Ins.	Pipe length
___ 1	Electric	None	2nd Floor	0.93 (0.92)	40.0 gal	40 gal	120 deg	Standard	Yes	=>R-3	99
	Recirculation System	Recirc Control Type	Loop length	Branch length	Pump power	DWHR	Facilities Connected	Equal Flow	DWHR Eff	Other Credits	
___ 1	No		NA	NA	NA	No	NA	NA	NA	None	

DUCTS

✓ Duct #	-----Supply----- Location R-Value Area	-----Return----- Location R-Value Area	Leakage Type	AHU Location	CFM 25 TOT OUT	QN OUT	AHU SEALED	RLF	HVAC # Heat Cool
___ 1	2nd Floor 6.0 68 ft²	2nd Floor 6.0 0 ft²	Prop. Leak Free	2nd Floor	--- ---	0.030	Yes	0.50	1 1

TEMPERATURES

Programable Thermostat: Y					Ceiling Fans: N								
Cooling	☐ Jan	☐ Feb	☐ Mar	☐ Apr	☐ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☐ Oct	☐ Nov	☐ Dec	
Heating	☒ Jan	☒ Feb	☒ Mar	☐ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☐ Oct	☒ Nov	☒ Dec	
Venting	☐ Jan	☐ Feb	☒ Mar	☒ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☒ Oct	☒ Nov	☐ Dec	
✓	Thermostat Schedule: HERS 2006 Reference												
	Schedule Type	1	2	3	4	5	6	Hours 7	8	9	10	11	12
___	Cooling (WD)	AM 78 PM 80	78 80	78 78	78 78	78 78	78 78	78 78	78 78	80 78	80 78	80 78	80 78
___	Cooling (WEH)	AM 78 PM 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78
___	Heating (WD)	AM 66 PM 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	68 66
___	Heating (WEH)	AM 66 PM 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	68 66

CITY OF WEST PALM BEACH
BUILDING DIVISION



WEST PALM BEACH

PERMIT # 25120639-COM-BLDG

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OFFICIAL PERMIT RECORD

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 89

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

1400 Henrietta Ave ,West Palm Beach,FL,33401

1. New construction or existing	New (From Plans)	10. Wall Types(694.3 sqft.)	Insulation	Area
2. Single family or multiple family	Attached	a. Concrete Block - Int Insul, Exterior	R=10.0	694.30 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	1	c. N/A		
5. Is this a worst case?	Yes	d. N/A		
6. Conditioned floor area above grade (ft ²)	614	11. Ceiling Types(614.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Flat ceiling under att (Vented)	R=38.0	614.00 ft ²
7. Windows**	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25	12. Roof(Comp. Shingles, Vented) Deck	R=0.5	665 ft ²
b. U-Factor:	Sgl, U=0.50	13. Ducts, location & insulation level	R	ft ²
SHGC:	SHGC=0.55	a. Sup: 2nd Floor, Ret: 2nd Floor, AH: 2nd Floor	6	68
c. U-Factor:	N/A	b.		
SHGC:	ft ²	c.		
Area Weighted Average Overhang Depth:	2.000 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.386	a. Central Unit	17.5	SEER2:15.20
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Strip Heat	13.1	COP:1.00
SHGC(AVG):	N/A	16. Hot Water Systems		
9. Floor Types	Insulation	a. Electric		Cap: 40 gallons
a. Floor Over Other Space	R= 0.0			UEF: 0.920
b. N/A	R=	b. Conservation features		
c. N/A	R=	17. Credits		None
	ft ²			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: 1400 Henrietta Ave

City/FL Zip: West Palm Beach,FL,33401



CITY OF WEST PALM BEACH
BUILDING DIVISION
 Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficiency 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.

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Page 1 of 1

OFFICIAL PERMIT RECORD

FORM R405-2023

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: 24-1088 Henrietta - Unit B 1st Floor		Builder Name:	
Street: 1400 Henrietta Ave		Permit Office:	
City, State, Zip: West Palm Beach, FL, 33401		Permit Number:	
Owner:		Jurisdiction:	
Design Location: FL, NAPLES_MUNICIPAL		County: Palm Beach(Florida Climate Zone 1)	

1. New construction or existing	New (From Plans)	10. Wall Types(826.8 sqft.)	Insulation	Area
2. Single family or multiple family	Attached	a. Concrete Block - Int Insul, Exterior R=10.0		826.80 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	2	c. N/A		
5. Is this a worst case?	Yes	d. N/A		
6. Conditioned floor area above grade (ft ²)	855	11. Ceiling Types(855.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Under Neighbor (Vented)	R=1.0	855.00 ft ²
7. Windows(81.0 sqft.)	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25	12. Roof(Comp. Shingles, Vented) Deck R=0.5		926 ft ²
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft ²
SHGC:		a. Sup: 1st Floor, Ret: 1st Floor, AH: 1st Floor	6	164
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	2.000 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.250	a. Central Unit	22.4	SEER2:16.00
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Strip Heat	13.1	COP:1.00
SHGC(AVG):	N/A	16. Hot Water Systems		
9. Floor Types	Insulation	a. Electric		Cap: 40 gallons
a. Slab-On-Grade Edge Insulation	R= 0.0			UEF: 0.920
b. N/A	R=	b. Conservation features		
c. N/A	R=			None
		17. Credits		Pstat

Glass/Floor Area: 0.095

Total Proposed Modified Loads: 28.34

Total Baseline Loads: 33.14

PASS

NOTE: Proposed residence must have annual total normalized Modified Loads that are less than or equal to 95 percent of the annual total loads of the standard reference design in order to comply.

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: _____



Digitally signed by Michael J Bishop
 DN: cn=Michael J Bishop,
 o=Quintessence, ou=Quintessence, email=AG410C00000195A9C4B1C000009E1E,
 c=US
 Location: THIS ITEM HAS BEEN ELECTRONICALLY
 SIGNED AND SEALED BY MICHAEL J. BISHOP, P.E.
 USING A DIGITAL SIGNATURE AND DATE.
 PRINTED COPIES OF THIS DOCUMENT ARE NOT
 CONSIDERED SIGNED AND SEALED AND THE
 SIGNATURE MUST BE VERIFIED ON ANY
 ELECTRONIC COPIES.
 Date: 2025.09.12 14:23:49 -0400

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 with a proposed duct leakage Qn requires a PERFORMANCE Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires a PERFORMANCE envelope leakage test report with envelope leakage no greater than 7.00 ACH50 (R402.4.1.2).

PERMIT # 25120639-COM-BLDG

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Page 1

OFFICIAL PERMIT RECORD

INPUT SUMMARY CHECKLIST REPORT

PROJECT													
Title: 24-1088 Henrietta - Unit B 1st Floor		Bedrooms: 2			Address type: Street Address								
Building Type: User		Conditioned Area: 855			Lot #: ---								
Owner:		Total Stories: 2			Block/SubDivision: ---								
Builder Home ID:		Worst Case: Yes			PlatBook: ---								
Builder Name:		Rotate Angle: 180			Street: 1400 Henrietta Ave								
Permit Office:		Cross Ventilation:			County: Palm Beach								
Jurisdiction:		Whole House Fan:			City, State, Zip: West Palm Beach, FL, 33401								
Family Type: Attached		Terrain: Suburban											
New/Existing: New (From Plans)		Shielding: Suburban											
Year Construct: 2025													
Comment:													
CLIMATE													
✓	Design Location	Tmy Site	Design Temp 97.5% 2.5%		Int Design Temp Winter Summer		Heating Degree Days	Design Moisture	Daily temp Range				
	___ FL, NAPLES_MUNICIPAL	FL_NAPLES_MUNICIPAL	46	90	70	75	288.5	58	Medium				
BLOCKS													
✓	Number	Name	Area	Volume									
	___ 1	Block1	855	9123 cu ft									
SPACES													
✓	Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated			
	___ 1	1st Floor	855	9123	Yes	2	2	Yes	Yes	Yes			
FLOORS (Total Exposed Area = 855 sq.ft.)													
✓	#	Floor Type	Space	Exposed Perim(ft)	Area	R-Value Perim.	U-Factor Joist	Slab Insul. Vert/Horiz	Tile	Wood	Carpet		
	___ 1	Slab-On-Grade Edge Ins	1st Floor		855 sqft	0.0 ---	0.304	0 (ft)/0 (ft)	0.00	0.00	1.00		
ROOF													
✓	#	Type	Materials	Roof Area	Gable Area	Framing. Fract.	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt Tested	Deck Insul.	Pitch (deg)
	___ 1	Hip	Composition shingles	926 ft²	0 ft²	0.11	Light	N	0.8	No	0.9	No	0.5 22.62
ATTIC													
✓	#	Type	Ventilation	Vent Ratio (1 in)		Area	RBS	IRCC					
	___ 1	Full attic	Vented	300		855 ft²	N	N					
CEILING (Total Exposed Area = 0 sq.ft.)													
✓	#	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type				
	___ 1	Under Neighbor(Vented)	1st Floor	1.0	Double Batt	855.0ft²	0.181	0.11	Wood				
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INPUT SUMMARY CHECKLIST REPORT

WALLS															(Total Exposed Area = 827 sq.ft.)				
Note: First wall orientation below is as entered. Actual orientation is modified by the rotate angle (180 degrees) as shown in the "Project" section on page 1.																			
✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area sq.ft.	U-Factor	Sheath R-Value	Frm. Frac.	Solar Absor.	Below Grade				
___ 1	W=>E	Exterior	Conc. Blk - Int Ins	1st Floor	10.0	39.0	0	10.6	0	413.4	0.071	1.5	0	0.75	0.0 %				
___ 2	E=>W	Exterior	Conc. Blk - Int Ins	1st Floor	10.0	39.0	0	10.6	0	413.4	0.071	1.5	0	0.75	0.0 %				

DOORS															(Total Exposed Area = 42 sq.ft.)				
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area								
___ 1	W=>E	Exterior	Insulated	1st Floor	None	0.46	3.00	0	7.00	0	21.0ft²								
___ 2	E=>W	Exterior	Insulated	1st Floor	None	0.46	3.00	0	7.00	0	21.0ft²								

WINDOWS															(Total Exposed Area = 81 sq.ft.)				
✓ #	Ornt	Wall ID	Frame	Panes	NFRC U-Factor	SHGC	Imp	Storm	Total Area (ft²)	Same Units	Width (ft)	Height (ft)	--Overhang-- Depth (ft)	Sep. (ft)	Interior Shade	Screen			
___ 1	W=>E	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	75.0	5	3.00	5.00	2.0	2.0	Drapes/blinds	None		
___ 2	W=>E	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	6.0	1	2.00	3.00	2.0	2.0	Drapes/blinds	None		

INFILTRATION														
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume				
___ 1	Wholehouse	Proposed ACH(50)	0.00047	1064	58.39	109.63	0.1871	7.0	All	9123 cu ft				

MASS														
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space									
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	1st Floor									

HEATING SYSTEM														
✓ #	System Type	Subtype	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal Entry	Heat Pump Power	Volt	Current	Ducts	Block			
___ 1	Electric Strip Heat	None		COP: 1.00	13.1		0.00	0.00	0.00	sys#1	1			

COOLING SYSTEM														
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block					
___ 1	Central Unit	Split/Single		SEER2:16.0	22.4	750	0.75	sys#1	1					

CITY OF WEST PALM BEACH
BUILDING DIVISION


WEST PALM BEACH

PERMIT # 25120639-COM-BLDG

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OFFICIAL PERMIT RECORD

INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixt. Flow	Trap	Pipe Ins.	Pipe length
___ 1	Electric	None	1st Floor	0.93 (0.92)	40.0 gal	40 gal	120 deg	Standard	Yes	=>R-3	99
	Recirculation System	Recirc Control Type	Loop length	Branch length	Pump power	DWHR	Facilities Connected	Equal Flow	DWHR Eff	Other Credits	
___ 1	No		NA	NA	NA	No	NA	NA	NA	None	

DUCTS

✓ Duct #	-----Supply----- Location R-Value Area	-----Return----- Location R-Value Area	Leakage Type	AHU Location	CFM 25 TOT OUT	QN OUT	AHU SEALED	RLF	HVAC # Heat Cool
___ 1	1st Floor 6.0 164 ft²	1st Floor 6.0 0 ft²	Prop. Leak Free	1st Floor	--- ---	0.030	Yes	0.50	1 1

MECHANICAL VENTILATION

✓ Type	Supply CFM	Exhaust CFM	HRV	Fan	Run Time	Heating System	Cooling System
___ Runtime Vent	45.0	0.0	0.0	0.0 W	0 %	1 - Electric Strip Heat	1 - Central Unit

TEMPERATURES

Programable Thermostat: Y				Ceiling Fans: N									
Cooling	☐ Jan	☐ Feb	☐ Mar	☐ Apr	☐ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☐ Oct	☐ Nov	☐ Dec	
Heating	☒ Jan	☒ Feb	☒ Mar	☐ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☐ Oct	☒ Nov	☒ Dec	
Venting	☐ Jan	☐ Feb	☒ Mar	☒ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☒ Oct	☒ Nov	☐ Dec	
✓ Thermostat Schedule: HERS 2006 Reference	Schedule Type	1	2	3	4	5	6	Hours 7	8	9	10	11	12
___ Cooling (WD)	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 (WEH)	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 (WD)	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 (WEH)	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

CITY OF WEST PALM BEACH

BUILDING DIVISION



WEST PALM BEACH

PERMIT # 25120639-COM-BLDG

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OFFICIAL PERMIT RECORD

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 86

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

1400 Henrietta Ave ,West Palm Beach,FL,33401

1. New construction or existing	New (From Plans)	10. Wall Types(826.8 sqft.)	Insulation	Area
2. Single family or multiple family	Attached	a. Concrete Block - Int Insul, Exterior	R=10.0	826.80 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	2	c. N/A		
5. Is this a worst case?	Yes	d. N/A		
6. Conditioned floor area above grade (ft ²)	855	11. Ceiling Types(855.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Under Neighbor (Vented)	R=1.0	855.00 ft ²
7. Windows**	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25			
b. U-Factor:	N/A	12. Roof(Comp. Shingles, Vented) Deck	R=0.5	926 ft ²
SHGC:		13. Ducts, location & insulation level	R	ft ²
c. U-Factor:	N/A	a. Sup: 1st Floor, Ret: 1st Floor, AH: 1st Floor	6	164
SHGC:		b.		
Area Weighted Average Overhang Depth:	2.000 ft	c.		
Area Weighted Average SHGC:	0.250	14. Cooling Systems	kBtu/hr	Efficiency
8. Skylights	Description	a. Central Unit	22.4	SEER2:16.00
U-Factor:(AVG)	N/A			
SHGC(AVG):	N/A	15. Heating Systems	kBtu/hr	Efficiency
9. Floor Types	Insulation	a. Electric Strip Heat	13.1	COP:1.00
a. Slab-On-Grade Edge Insulation	R= 0.0			
b. N/A	R=			
c. N/A	R=	16. Hot Water Systems		
		a. Electric		Cap: 40 gallons
				UEF: 0.920
		b. Conservation features		
				None
		17. 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: 1400 Henrietta Ave

City/FL Zip: West Palm Beach,FL,33401



CITY OF WEST PALM BEACH
BUILDING DIVISION
 *Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficiency 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.

PERMIT # 25120639-COM-BLDG

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OFFICIAL PERMIT RECORD

FORM R405-2023

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: 24-1088 Henrietta - Unit B 2nd Floor		Builder Name:	
Street: 1400 Henrietta Ave		Permit Office:	
City, State, Zip: West Palm Beach, FL, 33401		Permit Number:	
Owner:		Jurisdiction:	
Design Location: FL, NAPLES_MUNICIPAL		County: Palm Beach(Florida Climate Zone 1)	

1. New construction or existing	New (From Plans)	10. Wall Types(826.8 sqft.)	Insulation	Area
2. Single family or multiple family	Attached	a. Concrete Block - Int Insul, Exterior R=10.0		826.80 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	2	c. N/A		
5. Is this a worst case?	Yes	d. N/A		
6. Conditioned floor area above grade (ft ²)	855	11. Ceiling Types(855.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Flat ceiling under att (Vented)	R=38.0	855.00 ft ²
7. Windows(81.0 sqft.)	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25	12. Roof(Comp. Shingles, Vented) Deck R=0.5		926 ft ²
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft ²
SHGC:		a. Sup: 2nd Floor, Ret: 2nd Floor, AH: 2nd Floor	6	68
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	2.000 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.250	a. Central Unit	22.4	SEER2:16.00
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Strip Heat	13.1	COP:1.00
SHGC(AVG):	N/A	16. Hot Water Systems		
9. Floor Types	Insulation	a. Electric		Cap: 40 gallons
a. Floor Over Other Space	R= 0.0			UEF: 0.920
b. N/A	R=	b. Conservation features		
c. N/A	R=			None
		17. Credits		Pstat

Glass/Floor Area: 0.095

Total Proposed Modified Loads: 32.01

Total Baseline Loads: 37.88

PASS

NOTE: Proposed residence must have annual total normalized Modified Loads that are less than or equal to 95 percent of the annual total loads of the standard reference design in order to comply.

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: _____



Digitally signed by Michael J Bishop
DN: cn=Michael J Bishop,
o=Unaffiliated, c=US
Location: THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY MICHAEL J. BISHOP, PE
USING A DIGITAL SIGNATURE AND DATE
PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED AND THE
SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.
Date: 2025.09.12 14:24:01-0400'

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 with a proposed duct leakage Qn requires a PERFORMANCE Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires a PERFORMANCE envelope leakage test report with envelope leakage no greater than 7.00 ACH50 (R402.4.1.2).

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OFFICIAL PERMIT RECORD

INPUT SUMMARY CHECKLIST REPORT

PROJECT												
Title:	24-1088 Henrietta - Unit B 2nd Floor				Address type:		Street Address					
Building Type:	User		Bedrooms:	2		Lot #:	---					
Owner:			Conditioned Area:	855		Block/SubDivision:	---					
Builder Home ID:			Total Stories:	2		PlatBook:	---					
Builder Name:			Worst Case:	Yes		Street:	1400 Henrietta Ave					
Permit Office:			Rotate Angle:	0		County:	Palm Beach					
Jurisdiction:			Cross Ventilation:			City, State, Zip:	West Palm Beach, FL, 33401					
Family Type:	Attached		Whole House Fan:									
New/Existing:	New (From Plans)		Terrain:	Suburban								
Year Construct:	2025		Shielding:	Suburban								
Comment:												
CLIMATE												
✓ Design Location	Tmy Site		Design Temp		Int Design Temp		Heating		Design		Daily temp	
			97.5% 2.5%		Winter Summer		Degree Days		Moisture		Range	
___ FL, NAPLES_MUNICIPAL	FL_NAPLES_MUNICIPAL		46 90		70 75		288.5		58		Medium	
BLOCKS												
✓ Number	Name		Area		Volume							
___ 1	Block1		855		9123 cu ft							
SPACES												
✓ Number	Name		Area		Volume		Kitchen		Occupants		Bedrooms	
											Finished Cooled Heated	
___ 1	2nd Floor		855		9123		Yes 2		2		Yes Yes Yes	
FLOORS (Total Exposed Area = 0 sq.ft.)												
✓ #	Floor Type		Space		Exposed Area		R-Value U-Factor		Slab Insul.		Tile Wood Carpet	
					Perim(ft)		Perim. Joist		Vert/Horiz			
___ 1	Floor Over Other Space		2nd Floor		--- 855 sqft		--- 0.0 0.173		-----		0.00 0.00 1.00	
ROOF												
✓ #	Type		Materials		Roof Area		Gable Area		Framing. Fract.		Roof Color	
											Rad Barr Solar Absor. SA Tested Emitt Tested Deck Insul. Pitch (deg)	
___ 1	Hip		Composition shingles		926 ft²		0 ft²		0.11		Light N 0.8 No 0.9 No 0.5 22.62	
ATTIC												
✓ #	Type		Ventilation		Vent Ratio (1 in)		Area		RBS		IRCC	
___ 1	Full attic		Vented		300		855 ft²		N		N	
CEILING (Total Exposed Area = 855 sq.ft.)												
✓ #	Ceiling Type		Space		R-Value		Ins. Type		Area		U-Factor Framing Frac. Truss Type	
___ 1	Flat ceiling under attic(Vented)		2nd Floor		38.0		Double Batt		855.0ft²		0.024 0.11 Wood	

CITY OF WEST PALM BEACH
BUILDING DIVISION

PERMIT # 25120639-COM-BLDG
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OFFICIAL PERMIT RECORD

INPUT SUMMARY CHECKLIST REPORT

WALLS																(Total Exposed Area = 827 sq.ft.)			
✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area sq.ft.	U-Factor	Sheath R-Value	Frm. Frac.	Solar Absor.	Below Grade				
___ 1	W	Exterior	Conc. Blk - Int Ins	2nd Floor	10.0	39.0	0	10.6	0	413.4	0.071	1.5	0	0.75	0.0 %				
___ 2	E	Exterior	Conc. Blk - Int Ins	2nd Floor	10.0	39.0	0	10.6	0	413.4	0.071	1.5	0	0.75	0.0 %				

DOORS												(Total Exposed Area = 42 sq.ft.)			
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area				
___ 1	W	Exterior	Insulated	2nd Floor	None	0.46	3.00	0	7.00	0	21.0ft²				
___ 2	E	Exterior	Insulated	2nd Floor	None	0.46	3.00	0	7.00	0	21.0ft²				

WINDOWS																(Total Exposed Area = 81 sq.ft.)			
✓ #	Ornt	Wall ID	Frame	Panes	NFRC U-Factor	SHGC	Imp	Storm	Total Area (ft²)	Same Units	Width (ft)	Height (ft)	--Overhang-- Depth (ft)	Sep. (ft)	Interior Shade	Screen			
___ 1	W	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	75.0	5	3.00	5.00	2.0	2.0	Drapes/blinds	None		
___ 2	W	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	6.0	1	2.00	3.00	2.0	2.0	Drapes/blinds	None		

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00047	1064	58.39	109.63	0.1871	7.0	All	9123 cu ft

MASS					
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	2nd Floor

HEATING SYSTEM											
✓ #	System Type	Subtype	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal Entry	HeatPump Power	Volt	Current	Ducts	Block
___ 1	Electric Strip Heat	None		COP: 1.00	13.1		0.00	0.00	0.00	sys#1	1

COOLING SYSTEM									
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
___ 1	Central Unit	Split/Single		SEER2:16.0	22.4	750	0.75	sys#1	1

CITY OF WEST PALM BEACH

BUILDING DIVISION



WEST PALM BEACH

PERMIT # 25120639-COM-BLDG

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INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixt. Flow	Trap	Pipe Ins.	Pipe length
___ 1	Electric	None	2nd Floor	0.93 (0.92)	40.0 gal	40 gal	120 deg	Standard	Yes	=>R-3	99
	Recirculation System	Recirc Control Type	Loop length	Branch length	Pump power	DWHR	Facilities Connected	Equal Flow	DWHR Eff	Other Credits	
___ 1	No		NA	NA	NA	No	NA	NA	NA	None	

DUCTS

✓ Duct #	-----Supply----- Location R-Value Area	-----Return----- Location R-Value Area	Leakage Type	AHU Location	CFM 25 TOT OUT	QN OUT	AHU SEALED	RLF	HVAC # Heat Cool
___ 1	2nd Floor 6.0 68 ft²	2nd Floor 6.0 0 ft²	Prop. Leak Free	2nd Floor	--- ---	0.030	Yes	0.50	1 1

MECHANICAL VENTILATION

✓ Type	Supply CFM	Exhaust CFM	HRV	Fan	Run Time	Heating System	Cooling System
___ Runtime Vent	45.0	0.0	0.0	0.0 W	0 %	1 - Electric Strip Heat	1 - Central Unit

TEMPERATURES

Programable Thermostat: Y				Ceiling Fans: N									
Cooling	☐ Jan	☐ Feb	☐ Mar	☐ Apr	☐ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☐ Oct	☐ Nov	☐ Dec	
Heating	☒ Jan	☒ Feb	☒ Mar	☐ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☐ Oct	☒ Nov	☒ Dec	
Venting	☐ Jan	☐ Feb	☒ Mar	☒ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☒ Oct	☒ Nov	☐ Dec	
✓ Thermostat Schedule: HERS 2006 Reference	Schedule Type	1	2	3	4	5	6	Hours 7	8	9	10	11	12
___ Cooling (WD)	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 (WEH)	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 (WD)	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 (WEH)	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

CITY OF WEST PALM BEACH

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WEST PALM BEACH

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OFFICIAL PERMIT RECORD

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 85

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

1400 Henrietta Ave ,West Palm Beach,FL,33401

1. New construction or existing	New (From Plans)	10. Wall Types(826.8 sqft.)	Insulation	Area
2. Single family or multiple family	Attached	a. Concrete Block - Int Insul, Exterior	R=10.0	826.80 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	2	c. N/A		
5. Is this a worst case?	Yes	d. N/A		
6. Conditioned floor area above grade (ft ²)	855	11. Ceiling Types(855.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Flat ceiling under att (Vented)	R=38.0	855.00 ft ²
7. Windows**	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25	d. N/A		
b. U-Factor:	N/A	12. Roof(Comp. Shingles, Vented) Deck	R=0.5	926 ft ²
SHGC:		13. Ducts, location & insulation level	R	ft ²
c. U-Factor:	N/A	a. Sup: 2nd Floor, Ret: 2nd Floor, AH: 2nd Floor	6	68
SHGC:		b.		
Area Weighted Average Overhang Depth:	2.000 ft	c.		
Area Weighted Average SHGC:	0.250	14. Cooling Systems	kBtu/hr	Efficiency
8. Skylights	Description	a. Central Unit	22.4	SEER2:16.00
U-Factor:(AVG)	N/A	15. Heating Systems	kBtu/hr	Efficiency
SHGC(AVG):	N/A	a. Electric Strip Heat	13.1	COP:1.00
9. Floor Types	Insulation	16. Hot Water Systems		
a. Floor Over Other Space	R= 0.0	a. Electric		Cap: 40 gallons
b. N/A	R=			UEF: 0.920
c. N/A	R=	b. Conservation features		
		17. Credits		None
				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: 1400 Henrietta Ave

City/FL Zip: West Palm Beach,FL,33401



CITY OF WEST PALM BEACH
BUILDING DIVISION
 Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficiency 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.

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OFFICIAL PERMIT RECORD

FORM R405-2023

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: 24-1088 Henrietta - Unit C 1st Floor		Builder Name:	
Street: 1400 Henrietta Ave		Permit Office:	
City, State, Zip: West Palm Beach, FL, 33401		Permit Number:	
Owner:		Jurisdiction:	
Design Location: FL, NAPLES_MUNICIPAL		County: Palm Beach(Florida Climate Zone 1)	

1. New construction or existing	New (From Plans)	10. Wall Types(858.6 sqft.)	Insulation	Area
2. Single family or multiple family	Attached	a. Concrete Block - Int Insul, Exterior R=10.0		858.60 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	3	c. N/A		
5. Is this a worst case?	Yes	d. N/A		
6. Conditioned floor area above grade (ft ²)	1025	11. Ceiling Types(1025.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Under Neighbor (Vented)	R=1.0	1025.00 ft ²
7. Windows(81.0 sqft.)	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25	12. Roof(Comp. Shingles, Vented) Deck R=0.5		1110 ft ²
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft ²
SHGC:		a. Sup: 1st Floor, Ret: 1st Floor, AH: 1st Floor	6	215
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	2.000 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.250	a. Central Unit	27.9	SEER2:15.20
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Strip Heat	13.1	COP:1.00
SHGC(AVG):	N/A	16. Hot Water Systems		
9. Floor Types	Insulation	a. Electric		Cap: 40 gallons
a. Slab-On-Grade Edge Insulation	R= 0.0			UEF: 0.920
b. N/A	R=	b. Conservation features		
c. N/A	R=			None
		17. Credits		Pstat

Glass/Floor Area: 0.079

Total Proposed Modified Loads: 34.25

Total Baseline Loads: 37.22

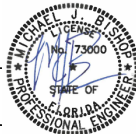
PASS

NOTE: Proposed residence must have annual total normalized Modified Loads that are less than or equal to 95 percent of the annual total loads of the standard reference design in order to comply.

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: _____



Digitally signed by Michael J Bishop
DN: cn=Michael J Bishop,
o=Qualifier=A01410C00000195A9C483C00009E1E,
c=Unaffiliated, CHS
Location: THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY MICHAEL J. BISHOP, PE
USING A DIGITAL SIGNATURE AND DATE. PRINTED
COPIES OF THIS DOCUMENT ARE NOT
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SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.
Date: 2025.09.12 14:24:12-0400'

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.

- Default duct leakage does not require a Duct Leakage Test Report.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires a PERFORMANCE envelope leakage test report with envelope leakage no greater than 7.00 ACH50 (R402.4.1.2).

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OFFICIAL PERMIT RECORD

INPUT SUMMARY CHECKLIST REPORT

PROJECT													
Title: 24-1088 Henrietta - Unit C 1st Floor		Bedrooms: 3			Address type: Street Address								
Building Type: User		Conditioned Area: 1025			Lot #: ---								
Owner:		Total Stories: 2			Block/SubDivision: ---								
Builder Home ID:		Worst Case: Yes			PlatBook: ---								
Builder Name:		Rotate Angle: 0			Street: 1400 Henrietta Ave								
Permit Office:		Cross Ventilation:			County: Palm Beach								
Jurisdiction:		Whole House Fan:			City, State, Zip: West Palm Beach, FL, 33401								
Family Type: Attached		Terrain: Suburban											
New/Existing: New (From Plans)		Shielding: Suburban											
Year Construct: 2025													
Comment:													
CLIMATE													
✓	Design Location	Tmy Site	Design Temp 97.5%	2.5%	Int Design Temp Winter	Summer	Heating Degree Days	Design Moisture	Daily temp Range				
	___ FL, NAPLES_MUNICIPAL	FL_NAPLES_MUNICIPAL	46	90	70	75	288.5	58	Medium				
BLOCKS													
✓	Number	Name	Area	Volume									
	___ 1	Block1	1025	10937 cu ft									
SPACES													
✓	Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated			
	___ 1	1st Floor	1025	10937	Yes	4	3	Yes	Yes	Yes			
FLOORS (Total Exposed Area = 1025 sq.ft.)													
✓	#	Floor Type	Space	Exposed Perim(ft)	Area	R-Value Perim.	U-Factor Joist	Slab Insul. Vert/Horiz	Tile	Wood	Carpet		
	___ 1	Slab-On-Grade Edge Ins	1st Floor		1025 sqft	0.0	---	0.304	0 (ft)/0 (ft)	0.00	0.00	1.00	
ROOF													
✓	#	Type	Materials	Roof Area	Gable Area	Framing. Fract.	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt Tested	Deck Insul.	Pitch (deg)
	___ 1	Hip	Composition shingles	1110 ft²	0 ft²	0.11	Light	N	0.8	No	0.9	No	0.5 22.62
ATTIC													
✓	#	Type	Ventilation	Vent Ratio (1 in)			Area	RBS	IRCC				
	___ 1	Full attic	Vented	300			1025 ft²	N	N				
CEILING (Total Exposed Area = 0 sq.ft.)													
✓	#	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type				
	___ 1	Under Neighbor(Vented)	1st Floor	1.0	Double Batt	1025.0ft²	0.181	0.11	Wood				
7/8/2025 5:03:58 PM EnergyGauge® USA 8.0.00 - FlaRes2023 FBC 8th Edition (2023) Compliant Software Page 2													

INPUT SUMMARY CHECKLIST REPORT

WALLS															(Total Exposed Area = 859 sq.ft.)			
✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area sq.ft.	U-Factor	Sheath R-Value	Frm. Frac.	Solar Absor.	Below Grade			
___ 1	W	Exterior	Conc. Blk - Int Ins	1st Floor	10.0	39.0	0	10.6	0	413.4	0.071	1.5	0	0.75	0.0 %			
___ 2	E	Exterior	Conc. Blk - Int Ins	1st Floor	10.0	42.0	0	10.6	0	445.2	0.071	1.5	0	0.75	0.0 %			

DOORS												(Total Exposed Area = 42 sq.ft.)		
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area			
___ 1	W	Exterior	Insulated	1st Floor	None	0.46	3.00	0	7.00	0	21.0ft²			
___ 2	E	Exterior	Insulated	1st Floor	None	0.46	3.00	0	7.00	0	21.0ft²			

WINDOWS															(Total Exposed Area = 81 sq.ft.)			
✓ #	Ornt	Wall ID	Frame	Panes	NFRC U-Factor	SHGC	Imp	Storm	Total Area (ft²)	Same Units	Width (ft)	Height (ft)	--Overhang-- Depth (ft)	Sep. (ft)	Interior Shade	Screen		
___ 1	W	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	75.0	5	3.00	5.00	2.0	2.0	Drapes/blinds	None	
___ 2	W	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	6.0	1	2.00	3.00	2.0	2.0	Drapes/blinds	None	

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00047	1276	70.00	131.42	0.1871	7.0	All	10937 cu ft

MASS					
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	1st Floor

HEATING SYSTEM											
✓ #	System Type	Subtype	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal Entry	Heat Pump Power	Volt	Current	Ducts	Block
___ 1	Electric Strip Heat	None		COP: 1.00	13.1		0.00	0.00	0.00	sys#1	1

COOLING SYSTEM									
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
___ 1	Central Unit	Split/Single		SEER2:15.2	27.9	950	0.75	sys#1	1

CITY OF WEST PALM BEACH

BUILDING DIVISION



WEST PALM BEACH

PERMIT # 25120639-COM-BLDG

07/20/2026

INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixt. Flow	Trap	Pipe Ins.	Pipe length
___ 1	Electric	None	1st Floor	0.93 (0.92)	40.0 gal	40 gal	120 deg	Standard	Yes	=>R-3	99
	Recirculation System	Recirc Control Type	Loop length	Branch length	Pump power	DWHR	Facilities Connected	Equal Flow	DWHR Eff	Other Credits	
___ 1	No		NA	NA	NA	No	NA	NA	NA	None	

DUCTS

✓ Duct #	-----Supply----- Location R-Value Area	-----Return----- Location R-Value Area	Leakage Type	AHU Location	CFM 25 TOT OUT	QN OUT	AHU SEALED	HVAC # Heat Cool
___ 1	1st Floor 6.0 215 ft²	1st Floor 6.0 0 ft²	Default Leakage	1st Floor	(Default) (Default)			1 1

MECHANICAL VENTILATION

✓ Type	Supply CFM	Exhaust CFM	HRV	Fan	Run Time	Heating System	Cooling System
___ Runtime Vent	60.0	0.0	0.0	0.0 W	0 %	1 - Electric Strip Heat	1 - Central Unit

TEMPERATURES

Programable Thermostat: Y				Ceiling Fans: N									
Cooling	☐ Jan	☐ Feb	☐ Mar	☐ Apr	☐ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☐ Oct	☐ Nov	☐ Dec	
Heating	☒ Jan	☒ Feb	☒ Mar	☐ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☐ Oct	☒ Nov	☒ Dec	
Venting	☐ Jan	☐ Feb	☒ Mar	☒ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☒ Oct	☒ Nov	☐ Dec	
✓ Thermostat Schedule: HERS 2006 Reference	Schedule Type	1	2	3	4	5	6	Hours 7	8	9	10	11	12
___ Cooling (WD)	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 (WEH)	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 (WD)	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 (WEH)	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

CITY OF WEST PALM BEACH

BUILDING DIVISION



WEST PALM BEACH

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OFFICIAL PERMIT RECORD

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 92

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

1400 Henrietta Ave ,West Palm Beach,FL,33401

1. New construction or existing	New (From Plans)	10. Wall Types(858.6 sqft.)	Insulation	Area
2. Single family or multiple family	Attached	a. Concrete Block - Int Insul, Exterior	R=10.0	858.60 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	3	c. N/A		
5. Is this a worst case?	Yes	d. N/A		
6. Conditioned floor area above grade (ft ²)	1025	11. Ceiling Types(1025.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Under Neighbor (Vented)	R=1.0	1025.00 ft ²
7. Windows**	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25			
b. U-Factor:	N/A	12. Roof(Comp. Shingles, Vented) Deck	R=0.5	1110 ft ²
SHGC:		13. Ducts, location & insulation level	R	ft ²
c. U-Factor:	N/A	a. Sup: 1st Floor, Ret: 1st Floor, AH: 1st Floor	6	215
SHGC:		b.		
Area Weighted Average Overhang Depth:	2.000 ft	c.		
Area Weighted Average SHGC:	0.250	14. Cooling Systems	kBtu/hr	Efficiency
8. Skylights	Description	a. Central Unit	27.9	SEER2:15.20
U-Factor:(AVG)	N/A			
SHGC(AVG):	N/A	15. Heating Systems	kBtu/hr	Efficiency
9. Floor Types	Insulation	a. Electric Strip Heat	13.1	COP:1.00
a. Slab-On-Grade Edge Insulation	R= 0.0			
b. N/A	R=			
c. N/A	R=	16. Hot Water Systems		
		a. Electric		Cap: 40 gallons
				UEF: 0.920
		b. Conservation features		
				None
		17. 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: 1400 Henrietta Ave

City/FL Zip: West Palm Beach,FL,33401



CITY OF WEST PALM BEACH
BUILDING DIVISION
 *Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficiency 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.

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OFFICIAL PERMIT RECORD

FORM R405-2023

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: 24-1088 Henrietta - Unit C 2nd Floor		Builder Name:	
Street: 1400 Henrietta Ave		Permit Office:	
City, State, Zip: West Palm Beach, FL, 33401		Permit Number:	
Owner:		Jurisdiction:	
Design Location: FL, NAPLES_MUNICIPAL		County: Palm Beach(Florida Climate Zone 1)	

1. New construction or existing	New (From Plans)	10. Wall Types(858.6 sqft.)	Insulation	Area
2. Single family or multiple family	Attached	a. Concrete Block - Int Insul, Exterior R=10.0		858.60 ft ²
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	3	c. N/A		
5. Is this a worst case?	Yes	d. N/A		
6. Conditioned floor area above grade (ft ²)	1025	11. Ceiling Types(1025.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Flat ceiling under att (Vented)	R=38.0	1025.00 ft ²
7. Windows(81.0 sqft.)	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25	12. Roof(Comp. Shingles, Vented)	Deck R=0.5	1110 ft ²
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft ²
SHGC:		a. Sup: 2nd Floor, Ret: 2nd Floor, AH: 2nd Floor	6	215
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	2.000 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.250	a. Central Unit	27.9	SEER2:15.20
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Strip Heat	13.1	COP:1.00
SHGC(AVG):	N/A	16. Hot Water Systems		
9. Floor Types	Insulation	a. Electric		Cap: 40 gallons
a. Slab-On-Grade Edge Insulation	R= 0.0			UEF: 0.920
b. N/A	R=	b. Conservation features		
c. N/A	R=			None
		17. Credits		Pstat

Glass/Floor Area: 0.079

Total Proposed Modified Loads: 37.94

Total Baseline Loads: 41.60

PASS

NOTE: Proposed residence must have annual total normalized Modified Loads that are less than or equal to 95 percent of the annual total loads of the standard reference design in order to comply.

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: _____



Digitally signed by Michael J Bishop
DN: cn=Michael J Bishop,
email=40141000000195ABC481C000009E1E,
o=Unaffiliated, c=US
Location: THIS DOCUMENT HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY MICHAEL J. BISHOP. PE
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED AND THE
SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.
Date: 2025.07.20 12:45:00-0400

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.

- Default duct leakage does not require a Duct Leakage Test Report.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires a PERFORMANCE envelope leakage test report with envelope leakage no greater than 7.00 ACH50 (R402.4.1.2).

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OFFICIAL PERMIT RECORD

INPUT SUMMARY CHECKLIST REPORT

PROJECT												
Title:	24-1088 Henrietta - Unit C 2nd Floor				Address type:		Street Address					
Building Type:	User		Bedrooms:	3		Lot #:	---					
Owner:			Conditioned Area:	1025		Block/SubDivision:	---					
Builder Home ID:			Total Stories:	2		PlatBook:	---					
Builder Name:			Worst Case:	Yes		Street:	1400 Henrietta Ave					
Permit Office:			Rotate Angle:	0		County:	Palm Beach					
Jurisdiction:			Cross Ventilation:			City, State, Zip:	West Palm Beach, FL, 33401					
Family Type:	Attached		Whole House Fan:									
New/Existing:	New (From Plans)		Terrain:	Suburban								
Year Construct:	2025		Shielding:	Suburban								
Comment:												
CLIMATE												
✓ Design Location	Tmy Site		Design Temp		Int Design Temp		Heating		Design		Daily temp	
			97.5% 2.5%		Winter Summer		Degree Days		Moisture		Range	
___ FL, NAPLES_MUNICIPAL	FL_NAPLES_MUNICIPAL		46 90		70 75		288.5		58		Medium	
BLOCKS												
✓ Number	Name		Area		Volume							
___ 1	Block1		1025		10937 cu ft							
SPACES												
✓ Number	Name		Area		Volume		Kitchen		Occupants		Bedrooms	
											Finished Cooled Heated	
___ 1	2nd Floor		1025		10937		Yes 4		3		Yes Yes Yes	
FLOORS (Total Exposed Area = 1025 sq.ft.)												
✓ #	Floor Type		Space		Exposed Area		R-Value U-Factor		Slab Insul.		Tile Wood Carpet	
					Perim(ft)		Perim. Joist		Vert/Horiz			
___ 1	Slab-On-Grade Edge Ins		2nd Floor		1025 sqft		0.0 --- 0.304		0 (ft)/0 (ft)		0.00 0.00 1.00	
ROOF												
✓ #	Type		Materials		Roof Area		Gable Area		Framing. Fract.		Roof Color	
											Rad Barr Solar Absor. SA Tested Emitt Tested Deck Insul. Pitch (deg)	
___ 1	Hip		Composition shingles		1110 ft²		0 ft²		0.11		Light N 0.8 No 0.9 No 0.5 22.62	
ATTIC												
✓ #	Type		Ventilation		Vent Ratio (1 in)		Area		RBS		IRCC	
___ 1	Full attic		Vented		300		1025 ft²		N		N	
CEILING (Total Exposed Area = 1025 sq.ft.)												
✓ #	Ceiling Type		Space		R-Value		Ins. Type		Area		U-Factor Framing Frac. Truss Type	
___ 1	Flat ceiling under attic(Vented)		2nd Floor		38.0		Double Batt		1025.0ft²		0.024 0.11 Wood	

CITY OF WEST PALM BEACH
BUILDING DIVISION

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INPUT SUMMARY CHECKLIST REPORT

WALLS																(Total Exposed Area = 859 sq.ft.)			
✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area sq.ft.	U-Factor	Sheath R-Value	Frm. Frac.	Solar Absor.	Below Grade				
___ 1	W	Exterior	Conc. Blk - Int Ins	2nd Floor	10.0	39.0	0	10.6	0	413.4	0.071	1.5	0	0.75	0.0 %				
___ 2	E	Exterior	Conc. Blk - Int Ins	2nd Floor	10.0	42.0	0	10.6	0	445.2	0.071	1.5	0	0.75	0.0 %				

DOORS												(Total Exposed Area = 42 sq.ft.)			
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area				
___ 1	W	Exterior	Insulated	2nd Floor	None	0.46	3.00	0	7.00	0	21.0ft²				
___ 2	E	Exterior	Insulated	2nd Floor	None	0.46	3.00	0	7.00	0	21.0ft²				

WINDOWS																(Total Exposed Area = 81 sq.ft.)			
✓ #	Ornt	Wall ID	Frame	Panes	NFRC U-Factor	SHGC	Imp	Storm	Total Area (ft²)	Same Units	Width (ft)	Height (ft)	--Overhang-- Depth (ft)	Sep. (ft)	Interior Shade	Screen			
___ 1	W	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	75.0	5	3.00	5.00	2.0	2.0	Drapes/blinds	None		
___ 2	W	1	Metal	Single (Clear)	Y	0.50	0.25	Y	N	6.0	1	2.00	3.00	2.0	2.0	Drapes/blinds	None		

INFILTRATION											
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume	
___ 1	Wholehouse	Proposed ACH(50)	0.00047	1276	70.00	131.42	0.1871	7.0	All	10937 cu ft	

MASS					
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	2nd Floor

HEATING SYSTEM											
✓ #	System Type	Subtype	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal Entry	Heat Pump Power	Volt	Current	Ducts	Block
___ 1	Electric Strip Heat	None		COP: 1.00	13.1		0.00	0.00	0.00	sys#1	1

COOLING SYSTEM									
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
___ 1	Central Unit	Split/Single		SEER2:15.2	27.9	950	0.75	sys#1	1

CITY OF WEST PALM BEACH

BUILDING DIVISION



WEST PALM BEACH

PERMIT # 25120639-COM-BLDG

07/20/2026

INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixt. Flow	Trap	Pipe Ins.	Pipe length
___ 1	Electric	None	2nd Floor	0.93 (0.92)	40.0 gal	40 gal	120 deg	Standard	Yes	=>R-3	99
	Recirculation System	Recirc Control Type	Loop length	Branch length	Pump power	DWHR	Facilities Connected	Equal Flow	DWHR Eff	Other Credits	
___ 1	No		NA	NA	NA	No	NA	NA	NA	None	

DUCTS

✓ Duct #	-----Supply----- Location R-Value Area	-----Return----- Location R-Value Area	Leakage Type	AHU Location	CFM 25 TOT OUT	QN OUT	AHU SEALED	HVAC # Heat Cool
___ 1	2nd Floor 6.0 215 ft²	2nd Floor 6.0 0 ft²	Default Leakage	2nd Floor	(Default) (Default)			1 1

MECHANICAL VENTILATION

✓ Type	Supply CFM	Exhaust CFM	HRV	Fan	Run Time	Heating System	Cooling System
___ Runtime Vent	60.0	0.0	0.0	0.0 W	0 %	1 - Electric Strip Heat	1 - Central Unit

TEMPERATURES

Programable Thermostat: Y				Ceiling Fans: N									
Cooling	☐ Jan	☐ Feb	☐ Mar	☐ Apr	☐ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☐ Oct	☐ Nov	☐ Dec	
Heating	☒ Jan	☒ Feb	☒ Mar	☐ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☐ Oct	☒ Nov	☒ Dec	
Venting	☐ Jan	☐ Feb	☒ Mar	☒ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☒ Oct	☒ Nov	☐ Dec	
✓ Thermostat Schedule: HERS 2006 Reference	Schedule Type	1	2	3	4	5	6	Hours 7	8	9	10	11	12
___ Cooling (WD)	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 (WEH)	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 (WD)	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 (WEH)	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

CITY OF WEST PALM BEACH

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ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 91

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1400 Henrietta Ave ,West Palm Beach,FL,33401

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3. Number of units, if multiple family	1	b. N/A		
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7. Windows**	Description	b. N/A		
a. U-Factor:	Sgl, U=0.50	c. N/A		
SHGC:	SHGC=0.25			
b. U-Factor:	N/A	12. Roof(Comp. Shingles, Vented)	Deck R=0.5	1110 ft ²
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U-Factor:(AVG)	N/A			
SHGC(AVG):	N/A	15. Heating Systems	kBtu/hr	Efficiency
9. Floor Types	Insulation	a. Electric Strip Heat	13.1	COP:1.00
a. Slab-On-Grade Edge Insulation	R= 0.0			
b. N/A	R=			
c. N/A	R=	16. Hot Water Systems		
		a. Electric		Cap: 40 gallons
				UEF: 0.920
		b. Conservation features		
				None
		17. 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: 1400 Henrietta Ave

City/FL Zip: West Palm Beach,FL,33401



CITY OF WEST PALM BEACH
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 *Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficiency 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.

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