

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 91

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

„FL,

1. New construction or existing	New (From Plans)	10. Wall Types(1251.0 sqft.)	Insulation	Area
2. Single family or multiple family	Detached	a. Frame - Wood, Exterior	R=13.0	1251.00 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?	No	d. N/A		
6. Conditioned floor area above grade (ft ²)	1120	11. Ceiling Types(1120.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Single assembly, with (Unvented)	R=30.0	1120.00 ft ²
7. Windows**	Description	b. N/A		
a. U-Factor:	Dbl, U=0.26	c. N/A		
SHGC:	SHGC=0.20	12. Roof(Metal, Unvent)	Deck R=0.0	1458 ft ²
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft ²
SHGC:		a. Sup: Main, Ret: Main, AH: Main	6	224
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	1.696 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.200	a. Central Unit	30.0	SEER2:16.00
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Heat Pump	30.0	HSPF2:8.50
SHGC(AVG):	N/A	16. Hot Water Systems		
9. Floor Types	Insulation	a. Propane	Cap: 50 gallons	
a. Slab-On-Grade Edge Insulation	R= 0.0		EF: 0.590	
b. N/A	R=	b. Conservation features		
c. N/A	R=			
		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: RW Hadden

Date: 2/23/2024

Address of New Home: 268 SE STARDUST PL

City/FL Zip: „FL, LAKE CITY, FL 32024



*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

Glass/Floor Area: 0.137	Total Proposed Modified Loads:	29.94	PASS
	Total Baseline Loads:	32.76	
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.			

The Seal of the State of Florida is a circular emblem. It features a central scene with a woman in a long dress standing on a shore, holding a torch. A palm tree stands behind her. In the background, a ship is visible on the water. The sun is rising or setting behind the ship, with rays emanating from it. The words "GREAT SEAL OF THE STATE OF FLORIDA" are inscribed around the top inner edge of the seal, and "IN GOD WE TRUST" is inscribed around the bottom inner edge. Two small stars separate the top and bottom text.

- 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 4.73 ACH50 (R402.4.1.2).

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Behr Residence	Bedrooms:	1	Address type:	Street Address
Building Type:	User	Conditioned Area:	1120	Lot #:	---
Owner:		Total Stories:	1	Block/SubDivision:	---
Builder Home ID:		Worst Case:	No	PlatBook:	---
Builder Name:		Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	FL,
Family Type:	Detached	Terrain:	Rural		
New/Existing:	New (From Plans)	Shielding:	Moderate/Rural		
Year Construct:	2023				
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, Gainesville	FL_GAINESVILLE_REGIONA	32 92	70 75	1305.5	51	Medium

BLOCKS

✓ Number	Name	Area	Volume
___ 1	Block1	1120	10080 cu ft

SPACES

✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___ 1	Main	1120	10080	Yes	2	1	Yes	Yes	Yes

FLOORS

(Total Exposed Area = 1120 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	Main	139	1120 sqft	0	---	0.563	2 (ft)/0 (ft)	0.20	0.60 0.20

ROOF

✓ #	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt Tested	Deck Insul.	Pitch (deg)
___ 1	Gable or shed	Metal	1458 ft²	466 ft²	Unf. Gal.	N	0.7	No	0.7	No	0 39.81

ATTIC

✓ #	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___ 1	No attic	Unvented	0	1120 ft²	N	N

CEILING

(Total Exposed Area = 1120 sq.ft.)

✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type
___ 1	Single assembly, with airspace(Unvented)	Main	30.0	Blown	1120.0ft²	0.055	0.11	Wood

INPUT SUMMARY CHECKLIST REPORT

WALLS

(Total Exposed Area = 1251 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	N	Exterior	Frame - Wood	Main	13.0	12.0	7	9.0	0	113.3	0.094		0.23	0.75	0 %
2	W	Exterior	Frame - Wood	Main	13.0	5.0	0	9.0	0	45.0	0.094		0.23	0.75	0 %
3	N	Exterior	Frame - Wood	Main	13.0	17.0	2	9.0	0	154.5	0.094		0.23	0.75	0 %
4	E	Exterior	Frame - Wood	Main	13.0	39.0	9	9.0	0	357.8	0.094		0.23	0.75	0 %
5	S	Exterior	Frame - Wood	Main	13.0	29.0	9	9.0	0	267.8	0.094		0.23	0.75	0 %
6	W	Exterior	Frame - Wood	Main	13.0	34.0	9	9.0	0	312.8	0.094		0.23	0.75	0 %

DOORS

(Total Exposed Area = 56 sq.ft.)

✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
1	N	Exterior	Insulated	Main	None	0.40	2.00	8	6.00	8	17.8ft²
2	S	Exterior	Insulated	Main	None	0.40	3.00	0	6.00	8	20.0ft²
3	W	Exterior	Insulated	Main	None	0.40	2.00	8	6.00	8	17.8ft²

WINDOWS

(Total Exposed Area = 153 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	N	1	Vinyl	Low-E Double	Y	0.26	0.20	N	N	6.0	1	2.00	3.00	6.5	2.3	None	None
2	W	2	Vinyl	Low-E Double	Y	0.26	0.20	N	N	6.0	1	2.00	3.00	1.5	2.3	None	None
3	N	3	Vinyl	Low-E Double	Y	0.26	0.20	N	N	12.0	2	2.00	3.00	1.5	2.3	None	None
4	N	3	Vinyl	Low-E Double	Y	0.26	0.20	N	N	10.0	1	2.00	5.00	1.5	2.3	None	None
5	E	4	Vinyl	Low-E Double	Y	0.26	0.20	N	N	40.0	3	2.67	5.00	1.5	2.3	None	None
6	E	4	Vinyl	Low-E Double	Y	0.26	0.20	N	N	15.0	1	3.00	5.00	1.5	2.3	None	None
7	S	5	Vinyl	Low-E Double	Y	0.26	0.20	N	N	40.0	4	2.00	5.00	1.5	2.3	None	None
8	W	6	Vinyl	Low-E Double	Y	0.26	0.20	N	N	24.0	4	2.00	3.00	1.5	2.3	None	None

INFILTRATION

✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
1	Wholehouse	Proposed ACH(50)	0.00027	795	43.60	81.85	0.0972	4.7	All	10080 cu ft

MASS

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

HEATING SYSTEM

✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	---Geothermal HeatPump---				Ducts	Block
						Entry	Power	Volt	Current		
___ 1	Electric Heat Pump	None/Single		HSPF2: 8.50	30.0		0.00	0.00	0.00	sys#1	1

INPUT SUMMARY CHECKLIST REPORT

COOLING SYSTEM

✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
1	Central Unit	None/Single		SEER2:16.0	30.0	900	0.85	sys#1	1

HOT WATER SYSTEM

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length
1	Propane	None	Exterior	0.59 (0.59)	50.00 gal	40 gal	120 deg	Standard	None	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 #	Location	Supply R-Value	Area	Return R-Value	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN	RLF	HVAC # Heat Cool
1	Main	6.0	224 ft²	Main	6.0	56 ft²	Default Leakage	Main	(Default)	(Default)		1 1

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans: N

Cooling	<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input type="checkbox"/> Nov	<input type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Venting	<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input type="checkbox"/> 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	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	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 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 68	68 66	68 66