

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 74

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

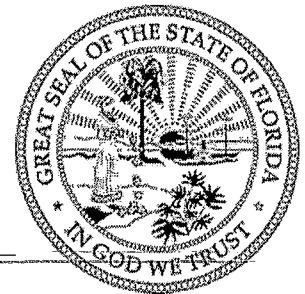
, Lake City, FL, 3-2024

1 New construction or existing	New (From Plans)	9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family	a. Frame - Wood, Exterior	R=13.0	1602.00 ft ²
3. Number of units, if multiple family	1	b N/A	R=	ft ²
4 Number of Bedrooms	3	c N/A	R=	ft ²
5 Is this a worst case?	No	d N/A	R=	ft ²
6. Conditioned floor area (ft ²)	1808	10 Ceiling Types	Insulation	Area
7. Windows**	Description	a Under Attic (Vented)	R=30.0	1808.00 ft ²
a U-Factor	Sgl, U=0.50	b N/A	R=	ft ²
SHGC	SHGC=0.50	c N/A	R=	ft ²
b U-Factor	N/A	11 Ducts		R ft ²
SHGC		a Sup Attic, Ret: Attic, AH: Main	6	361.6
c U-Factor	N/A	12 Cooling systems	kBtu/hr	Efficiency
SHGC		a Central Unit	34.0	SEER 15.00
d U-Factor	N/A	13 Heating systems	kBtu/hr	Efficiency
SHGC		a Electric Heat Pump	34.0	HSPF 8.20
Area Weighted Average Overhang Depth	0.847 ft.	14 Hot water systems	Cap	40 gallons
Area Weighted Average SHGC	0.500	a Electric	EF	0.96
8. Floor Types	Insulation	b Conservation features		
a Slab-On-Grade Edge Insulation	R=0.0	None		
b N/A	R=			
c N/A	R=	15 Credits		CF, 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.

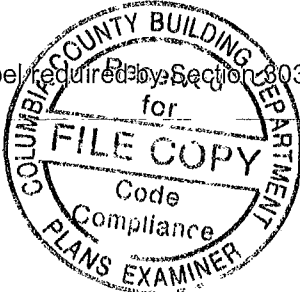
Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



*Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida EnergyGauge Rating. Contact the EnergyGauge Hotline at (321) 638-1492 or see the EnergyGauge web site at energygauge.com for information and a list of certified Raters. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

**Label required by Section 803.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.



EnergyGauge® USA - FlaRes2010 Section 405.4.1 Compliant Software

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

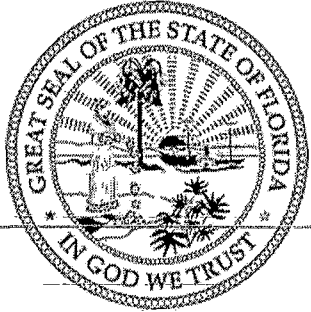
Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name. Hentzelman Street: City, State, Zip Lake City , FL , 3-2024 Owner. Joshua Hentzelman Design Location FL, Gainesville	Builder Name Trademark Construction Group Permit Office Permit Number Jurisdiction
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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 3 5. Is this a worst case? No 6. Conditioned floor area above grade (ft²) 1808 Conditioned floor area below grade (ft²) 0 7. Windows(147 0 sqft.) Description Area a. U-Factor Sgl, U=0.50 147 00 ft² SHGC SHGC=0.50 b. U-Factor N/A ft² SHGC c. U-Factor N/A ft² SHGC d. U-Factor N/A ft² SHGC Area Weighted Average Overhang Depth. 0.847 ft. Area Weighted Average SHGC 0.500 8. Floor Types (1808 0 sqft.) Insulation Area a. Slab-On-Grade Edge Insulation R=0.0 1808 00 ft² b. N/A R= ft² c. N/A R= ft²	9. Wall Types(1602 0 sqft.) Insulation Area a. Frame - Wood, Exterior R=13.0 1602 00 ft² b. N/A R= ft² c. N/A R= ft² d. N/A R= ft² 10. Ceiling Types (1808.0 sqft.) Insulation Area a. Under Attic (Vented) R=30.0 1808 00 ft² b. N/A R= ft² c. N/A R= ft² 11. Ducts R ft² a. Sup. Attic, Ret. Attic, AH Main 6 361.6 12. Cooling systems kBtu/hr Efficiency a. Central Unit 34.0 SEER 15.00 13. Heating systems kBtu/hr Efficiency a. Electric Heat Pump 34.0 HSPF 8.20 14. Hot water systems a. Electric Cap 40 gallons EF 0.960 b. Conservation features None 15. Credits CF, Pstat
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Glass/Floor Area. 0.081	Total Proposed Modified Loads: 29.63 Total Standard Reference Loads. 39.85	PASS
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I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: _____ DATE: _____ I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: _____ DATE: _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. BUILDING OFFICIAL: _____ DATE: _____
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- Compliance requires completion of a Florida Air Barrier and Insulation Inspection Checklist

PROJECT											
Title	Hentzelman	Bedrooms	3	Address Type	Street Address						
Building Type	User	Conditioned Area	1808	Lot #							
Owner	Joshua Hentzelman	Total Stories	1	Block/SubDivision							
# of Units	1	Worst Case	No	PlatBook							
Builder Name.	Trademark Construction Grou	Rotate Angle	0	Street							
Permit Office		Cross Ventilation		County	Columbia						
Jurisdiction		Whole House Fan		City, State, Zip	Lake City , FL , 3-2024						
Family Type	Single-family										
New/Existing	New (From Plans)										
Comment											
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, Gainesville	FL_GAINESVILLE_REGI	2	32	92	70	75	1305 5	51	Medium	
BLOCKS											
	Number	Name	Area	Volume							
	1	Block1	1808	16272							
SPACES											
	Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
	1	Main	1808	16272	Yes	4	3	1	Yes	Yes	Yes
FLOORS											
✓	#	Floor Type	Space	Perimeter	R-Value	Area			Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Main	180 ft	0	1808 ft²	_____	_____	0 25	0 75	0
ROOF											
✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor	SA Tested	Emitt	Emitt Tested	Deck Insul Pitch (deg)
_____	1	Gable or shed	Composition shingles	2022 ft²	452 ft²	Medium	0.96	No	0.9	No	0 26.6
ATTIC											
✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC				
_____	1	Full attic	Vented	300	1808 ft²	N	N				
CEILING											
✓	#	Ceiling Type	Space	R-Value	Area	Framing Frac	Truss Type				
_____	1	Under Attic (Vented)	Main	30	1808 ft²	0 11	Wood				

WALLS

✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft In	Height Ft In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
1	N	Exterior	Frame - Wood	Main	13	33	9	297.0 ft²		0.23	0.75	0
2	E	Exterior	Frame - Wood	Main	13	56	9	504.0 ft²		0.23	0.75	0
3	S	Exterior	Frame - Wood	Main	13	33	9	297.0 ft²		0.23	0.75	0
4	W	Exterior	Frame - Wood	Main	13	56	9	504.0 ft²		0.23	0.75	0

DOORS

✓ #	Ornt	Door Type	Space	Storms	U-Value	Width Ft In	Height Ft In	Area
1	N	Insulated	Main	None	46	3	6 8	20 ft²
2	E	Wood	Main	None	46	6	6 8	40 ft²
3	W	Wood	Main	None	46	6	6 8	40 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation

✓ #	Ornt	Wall ID	Frame	Panels	NFRC	U-Factor	SHGC	Area	Overhang Depth	Separation	Int Shade	Screening
1	W	4	Vinyl	Low-E Single	Yes	0.5	0.5	75.0 ft²	1 ft 6 in	0 ft 0 in	Drapes/blinds	None
2	N	1	Vinyl	Low-E Single	Yes	0.5	0.5	12.0 ft²	1 ft 0 in	0 ft 0 in	Drapes/blinds	None
3	E	2	Vinyl	Low-E Single	Yes	0.5	0.5	60.0 ft²	0 ft 0 in	0 ft 0 in	Drapes/blinds	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Best Guess	0003	1422.7	78.11	146.89	231	5.246

HEATING SYSTEM

✓ #	System Type	Subtype	Efficiency	Capacity	Block	Ducts
1	Electric Heat Pump	None	HSPF 8.2	34 kBtu/hr	1	sys#1

COOLING SYSTEM

✓ #	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
1	Central Unit	Split	SEER. 15	34 kBtu/hr	1020 cfm	0.75	1	sys#1

HOT WATER SYSTEM

✓ #	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
1	Electric	None	Main	0.96	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

DUCTS

✓ #	---- Supply ----			---- Return ----			Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC #	
	Location	R-Value	Area	Location	Area	Heat							Cool	

TEMPERATURES

Programable Thermostat: Y	Ceiling Fans
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Ceiling Fans

Thermostat Schedule	HERS 2006 Reference											
Schedule Type	1	2	3	4	5	6	7	8	9	10	11	12
Thermostat Schedule	HERS 2006 Reference											
Schedule Type	1	2	3	4	5	6	7	8	9	10	11	12

Florida Code Compliance Checklist

Florida Department of Business and Professional Regulations
Residential Whole Building Performance Method

ADDRESS. <div style="text-align: center; margin-top: 5px;">Lake City, FL, 3-2024</div>	PERMIT #
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MANDATORY REQUIREMENTS SUMMARY - See individual code sections for full details.

COMPONENT	SECTION	SUMMARY OF REQUIREMENT(S)	CHECK
Air leakage	402.4	To be caulked, gasketed, weatherstripped or otherwise sealed Recessed lighting IC-rated as meeting ASTM E 283. Windows and doors = 0.30 cfm/sq.ft. Testing or visual inspection required. Fireplaces gasketed doors & outdoor combustion air. Must complete envelope leakage report or visually verify Table 402.4.2.	
Thermostat & controls	403.1	At least one thermostat shall be provided for each separate heating and cooling system. Where forced-air furnace is primary system, programmable thermostat is required. Heat pumps with supplemental electric heat must prevent supplemental heat when compressor can meet the load.	
Ducts	403.2.2	All ducts, air handlers, filter boxes and building cavities which form the primary air containment passageways for air distribution systems shall be considered ducts or plenum chambers, shall be constructed and sealed in accordance with Section 503.2.7.2 of this code.	
	403.3.3	Building framing cavities shall not be used as supply ducts.	
Water heaters	403.4	Heat trap required for vertical pipe risers. Comply with efficiencies in Table 403.4.3.2. Provide switch or clearly marked circuit breaker (electric) or shutoff (gas). Circulating system pipes insulated to = R-2 + accessible manual OFF switch.	
Mechanical ventilation	403.5	Homes designed to operate at positive pressure or with mechanical ventilation systems shall not exceed the minimum ASHRAE 62 level. No make-up air from attics, crawlspaces, garages or outdoors adjacent to pools or spas.	
Swimming Pools & Spas	403.9	Pool pumps and pool pump motors with a total horsepower (HP) of = 1 HP shall have the capability of operating at two or more speeds. Spas and heated pools must have vapor-retardant covers or a liquid cover or other means proven to reduce heat loss except if 70% of heat from site-recovered energy. Off/timer switch required. Gas heaters minimum thermal efficiency=78% (82% after 4/16/13). Heat pump pool heaters minimum COP= 4.0.	
Cooling/heating equipment	403.6	Sizing calculation performed & attached. Minimum efficiencies per Tables 503.2.3. Equipment efficiency verification required. Special occasion cooling or heating capacity requires separate system or variable capacity system. Electric heat >10kW must be divided into two or more stages.	
Ceilings/knee walls	405.2.1	R-19 space permitting.	