FORM R405-2020

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 96

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

, , FL,

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Detached
3. Number of units, if multiple family		1
4. Number of Bedrooms		2
5. Is this a worst case?		No
6. Conditioned floor area (ft²)		1503
7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.40	117.00 ft²
SHGC:	SHGC=0.20	
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:		1.500 ft.
Area Weighted Average SHGC:		0.200
8. Skylights	Description	Area
a. U-Factor(AVG):	N/A	ft²
SHGC(AVG):	N/A	

9. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1503.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

10. Wall Type and Insulation	Insulation	Area
a. Concrete Block - Int Insul, Exterior	R=5.0	1278.70 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

11. Ceiling Type and insulation level	Insulation	Area
a. Under Attic (Vented)	R=30.0	1503.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

12. Ducts, location & insulation level	R	ft²
a. Sup: Attic, Ret: Attic, AH: Main	6	300.6

13. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	34.6	SEER:14.00

14. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	32.8	HSPF:8.20

15. Hot water systems	
a. Electric	Cap: 40 gallons EF: 0.92
b. Conservation features None	
Credits (Performance method)	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: John D Smith Date: 6-17-21

Address of New Home: 537 NE Deep Creek Glen City/FL Zip: Lake City FL 32055

*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.

FORM R405-2020

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	Housecraft Law	Builder Name:	Housecraft Homes
Street:		Permit Office:	
City, State, Zip:	, FL ,	Permit Number:	
Owner:	Law	Jurisdiction:	
Design Location:	FL, Gainesville	County:	Columbia (Florida Climate Zone 2)

1. New construction or existing	New (From Plans)			
2. Single family or multiple family	Detached			
3. Number of units, if multiple family	1			
4. Number of Bedrooms	2			
5. Is this a worst case?	No			
6. Conditioned floor area above grade (ft²)	1503			
Conditioned floor area below grade (ft²)	0			
7. Windows(117.0 sqft.)	Description		Area	
a. U-Factor:	Dbl, U=0.40		117.00	ft²
SHGC:	SHGC=0.20			
b. U-Factor:	N/A			ft²
SHGC:				
c. U-Factor:	N/A			ft²
SHGC:				
Area Weighted Average Overhang Depth:			1.500	ft.
Area Weighted Average SHGC:			0.200	
8. Skylights			Area	
c. U-Factor:(AVG)	N/A			ft²
SHGC(AVG):	N/A			
9. Floor Types (1503.0 sqft.)		Insulation	Area	
a. Slab-On-Grade Edge Insulation		R=0.0	1503.00	ft²
b. N/A		R=		ft²
c. N/A		R=		ft²

10. Wall Type(1278.7 sqft.)	Insulation	Area	
a. Concrete Block - Int Insul, Exterior	R=5.0	1278.70	ft²
b. N/A	R=		ft²
c. N/A	R=		ft²
d. N/A	R=		ft²
11. Ceiling Types.(1503.0 sqft.)	Insulation	Area	
a. Under Attic (Vented)	R=30.0	1503.00	ft²
b. N/A	R=		ft²
c. N/A	R=		ft²
12. Ducts		R	ft²
a. Sup: Attic, Ret: Attic, AH: Main		6	300.6
13. Cooling systems	kBtu/hr	Efficiency	
a. Central Unit	34.6	SEER:14.00	
14. Heating systems	kBtu/hr	Efficiency	
a. Electric Heat Pump	32.8	HSPF:8.20	
15. Hot water systems			
a. Electric		Cap: 40 gallons	
		EF: 0.920	
b. Conservation features			
None			
16. Credits		CF, Pstat	

Glass/Floor Area: 0.078

Total Proposed Modified Loads: 36.20

Total Baseline Loads: 37.55

PASS

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

PREPARED BY: [signature] (Freight Surf Inc)

DATE: 6/9/21

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

OWNER/AGENT: [signature]

DATE: 6-17-21

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____

- **Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.**
- **Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 5.00 ACH50 (R402.4.1.2).**