

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 99

The lower the Energy Performance Index, the more efficient the home.

250 Camphor Court, Lake City, FL

1. New construction or existing	New (From Plans)		10. Wall Type and Insulation	Insulation	Area
2. Single family or multiple family	Detached		a. Concrete Block - Int Insul, Exterior	R=5.0	1997.50 ft ²
3. Number of units, if multiple family	1		b. Frame - Wood, Adjacent	R=13.0	430.00 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)	2125		11. Ceiling Type and insulation level	Insulation	Area
7. Windows**	Description	Area	a. Under Attic (Vented)	R=30.0	2125.00 ft ²
a. U-Factor:	Dbl, U=0.40	291.33 ft ²	b. N/A	R=	ft ²
SHGC:	SHGC=0.20		c. N/A	R=	ft ²
b. U-Factor:	N/A	ft ²	12. Ducts, location & insulation level	R	ft ²
SHGC:			a. Sup: Attic, Ret: Attic, AH: Garage	6	320
c. U-Factor:	N/A	ft ²	13. Cooling systems	kBtu/hr	Efficiency
SHGC:			a. Central Unit	34.4	SEER:14.00
d. U-Factor:	N/A	ft ²	14. Heating systems	kBtu/hr	Efficiency
SHGC:			a. Electric Heat Pump	32.8	HSPF:8.20
Area Weighted Average Overhang Depth:	1.500 ft		15. Hot water systems	Cap: 40 gallons	
Area Weighted Average SHGC:	0.200		a. Electric	EF: 0.92	
8. Skylights	Description	Area	b. Conservation features	None	
a. U-Factor(AVG):	N/A	ft ²	Credits (Performance method)	CF, Pstat	
SHGC(AVG):	N/A				
9. Floor Types	Insulation	Area			
a. Slab-On-Grade Edge Insulation	R=0.0	2125.00 ft ²			
b. N/A	R=	ft ²			
c. N/A	R=	ft ²			

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: [Signature]

Date: 8/27/21

Address of New Home: 250 Camphor Ct.

City/FL Zip: Lake City, FL



*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.

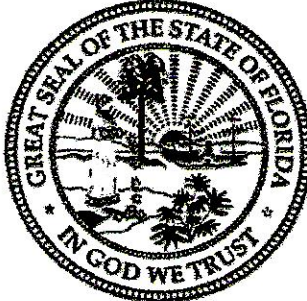
FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

ProjectName: HousecraftAnderson Street: 250 Camphor Court City, State, Zip: Lake City, FL, Owner: Anderson DesignLocation: FL, Gainesville	BuilderName: HousecraftHomes Permit Office: Permit Number: Jurisdiction: County: Columbia (Florida Climate Zone 2)
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<table style="width: 100%;"> <tr> <td style="width: 30%;">1. New construction or existing</td> <td style="width: 30%;">New (From Plans)</td> <td style="width: 40%;"></td> </tr> <tr> <td>2. Single family or multiple family</td> <td>Detached</td> <td></td> </tr> <tr> <td>3. Number of units, if multiple family</td> <td>1</td> <td></td> </tr> <tr> <td>4. Number of Bedrooms</td> <td>3</td> <td></td> </tr> <tr> <td>5. Is this a worst case?</td> <td>No</td> <td></td> </tr> <tr> <td>6. Conditioned floor area above grade (ft²)</td> <td>2125</td> <td></td> </tr> <tr> <td>Conditioned floor area below grade (ft²)</td> <td>0</td> <td></td> </tr> <tr> <td>7. Windows (291.3 sqft.)</td> <td>Description</td> <td>Area</td> </tr> <tr> <td>a. U-Factor:</td> <td>DbI, U=0.40</td> <td>291.33 ft²</td> </tr> <tr> <td>SHGC:</td> <td>SHGC=0.20</td> <td></td> </tr> <tr> <td>b. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>c. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>Area Weighted Average Overhang Depth:</td> <td>1.500 ft.</td> <td></td> </tr> <tr> <td>Area Weighted Average SHGC:</td> <td>0.200</td> <td></td> </tr> <tr> <td>8. Skylights</td> <td>Area</td> <td></td> </tr> <tr> <td>c. U-Factor:(AVG)</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC(AVG):</td> <td>N/A</td> <td></td> </tr> <tr> <td>9. Floor Types (2125.0 sqft.)</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td>a. Slab-On-Grade Edge Insulation</td> <td>R=0.0</td> <td>2125.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> </table>	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	3		5. Is this a worst case?	No		6. Conditioned floor area above grade (ft²)	2125		Conditioned floor area below grade (ft²)	0		7. Windows (291.3 sqft.)	Description	Area	a. U-Factor:	DbI, U=0.40	291.33 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 (2125.0 sqft.)	Insulation	Area	a. Slab-On-Grade Edge Insulation	R=0.0	2125.00 ft²	b. N/A	R=	ft²	c. N/A	R=	ft²	<table style="width: 100%;"> <tr> <td style="width: 30%;">10. Wall Types(2427.5 sqft.)</td> <td style="width: 30%;">Insulation</td> <td style="width: 40%;">Area</td> </tr> <tr> <td>a. Concrete Block - Int Insul, Exterior</td> <td>R=5.0</td> <td>1997.50 ft²</td> </tr> <tr> <td>b. Frame - Wood, Adjacent</td> <td>R=13.0</td> <td>430.00 ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>d. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>11. Ceiling Types (2125.0 sqft.)</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td>a. Under Attic (Vented)</td> <td>R=30.0</td> <td>2125.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>12. Ducts</td> <td></td> <td>R ft²</td> </tr> <tr> <td>a. Sup: Attic, Ret: Attic, AH: Garage</td> <td></td> <td>6 320</td> </tr> <tr> <td>13. Cooling systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td>a. Central Unit</td> <td>34.4</td> <td>SEER:14.00</td> </tr> <tr> <td>14. Heating systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td>a. Electric Heat Pump</td> <td>32.8</td> <td>HSPF:8.20</td> </tr> <tr> <td>15. Hot water systems</td> <td></td> <td></td> </tr> <tr> <td>a. Electric</td> <td></td> <td>Cap: 40 gallons</td> </tr> <tr> <td></td> <td></td> <td>EF: 0.920</td> </tr> <tr> <td>b. Conservation features</td> <td></td> <td></td> </tr> <tr> <td>None</td> <td></td> <td></td> </tr> <tr> <td>16. Credits</td> <td></td> <td>CF, Pstat</td> </tr> </table>	10. Wall Types(2427.5 sqft.)	Insulation	Area	a. Concrete Block - Int Insul, Exterior	R=5.0	1997.50 ft²	b. Frame - Wood, Adjacent	R=13.0	430.00 ft²	c. N/A	R=	ft²	d. N/A	R=	ft²	11. Ceiling Types (2125.0 sqft.)	Insulation	Area	a. Under Attic (Vented)	R=30.0	2125.00 ft²	b. N/A	R=	ft²	c. N/A	R=	ft²	12. Ducts		R ft²	a. Sup: Attic, Ret: Attic, AH: Garage		6 320	13. Cooling systems	kBtu/hr	Efficiency	a. Central Unit	34.4	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
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Glass/Floor Area: 0.137	Total Proposed Modified Loads: 58.50	PASS
	Total Baseline Loads: 59.09	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <u>John B. Smith</u> (Tight Seal Enr) DATE: <u>8/19/21</u> I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: <u>John B. Smith</u> DATE: <u>9/27/21</u>	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.  BUILDING OFFICIAL: _____ DATE: _____
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- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.
- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 5.00 ACH50 (R402.4.1.2).

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	HousecraftAnderson	Bedrooms:	3	Address Type:	Street Address
Building Type:	User	Conditioned Area:	2125	Lot #	
Owner Name:	Anderson	Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	Plat Book:	
Builder Name:	Housecraft Homes	Rotate Angle:	0	Street:	250 Camphor Court
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	Lake City , FL ,
Family Type:	Detached				
New/Existing:	New (From Plans)				
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_REGI	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	2125	19125

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	2125	19125	Yes	3	3	1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulation	Main	225 ft	0	2125 ft²	_____	0.22	0.22	0.56

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Gable or shed	Composition shingles	2376 ft²	532 ft²	Medium	N	0.96	No	0.9	No	0	26.57

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	2125 ft²	N	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Main	30	Blown	2125 ft²	0.11	Wood

INPUT SUMMARY CHECKLIST REPORT

WALLS

✓ #	Omt	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	S	Garage	Frame - Wood	Main	13	23		10		230.0 ft²		0.111	0.150000	0
2	E	Garage	Frame - Wood	Main	13	20		10		200.0 ft²		0.111	0.150000	0
3	S	Exterior	Concrete Block - Int Insul	Main	5	43		10		430.0 ft²		0	0.150000	0
4	W	Exterior	Concrete Block - Int Insul	Main	5	53	6	10		535.0 ft²		0	0.150000	0
5	N	Exterior	Concrete Block - Int Insul	Main	5	67	3	10		672.5 ft²		0	0.150000	0
6	E	Exterior	Concrete Block - Int Insul	Main	5	36		10		360.0 ft²		0	0.150000	0

DOORS

✓ #	Omt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
1	S	Insulated	Main	None	.46	2	8	8		21.3 ft²
2	S	Insulated	Main	None	.46	3		8		24 ft²
3	W	Insulated	Main	None	.46	1		8		8 ft²
4	N	Insulated	Main	None	.46	1		8		8 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓ #	Omt	Wall ID	Frame	Panels	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Separation	Int Shade	Screening
1	S	3	Vinyl	Low-EDouble	Yes	0.4	0.2	N	13.3 ft²	1 ft 6 in	1 ft 6 in	Drapes/blinds	None
2	S	3	Vinyl	Low-EDouble	Yes	0.4	0.2	N	75.0 ft²	1 ft 6 in	1 ft 6 in	Drapes/blinds	None
3	W	4	Vinyl	Low-EDouble	Yes	0.4	0.2	N	15.0 ft²	1 ft 6 in	1 ft 6 in	Drapes/blinds	None
4	W	4	Vinyl	Low-EDouble	Yes	0.4	0.2	N	3.0 ft²	1 ft 6 in	1 ft 6 in	Drapes/blinds	None
5	W	4	Vinyl	Low-EDouble	Yes	0.4	0.2	N	4.0 ft²	1 ft 6 in	1 ft 6 in	Drapes/blinds	None
6	W	4	Vinyl	Low-EDouble	Yes	0.4	0.2	N	40.0 ft²	1 ft 6 in	1 ft 6 in	Drapes/blinds	None
7	N	5	Vinyl	Low-EDouble	Yes	0.4	0.2	N	45.0 ft²	1 ft 6 in	1 ft 6 in	Drapes/blinds	None
8	N	5	Vinyl	Low-EDouble	Yes	0.4	0.2	N	88.0 ft²	1 ft 6 in	1 ft 6 in	Drapes/blinds	None
9	E	6	Vinyl	Low-EDouble	Yes	0.4	0.2	N	5.0 ft²	1 ft 6 in	1 ft 6 in	Drapes/blinds	None
10	E	6	Vinyl	Low-EDouble	Yes	0.4	0.2	N	3.0 ft²	1 ft 6 in	1 ft 6 in	Drapes/blinds	None

GARAGE

✓ #	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
1	552 ft²	552 ft²	64 ft	8 ft	1

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000286	1593.8	87.44	164.15	.1027	5

INPUT SUMMARY CHECKLIST REPORT

HEATING SYSTEM

☒	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
☐	1	Electric Heat Pump/	None	Single	HSPF:8.2	32.8 kBtu/hr	1	sys#1

COOLING SYSTEM

☒	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
☐	1	Central Unit/	None	Single	SEER: 14	34.4 kBtu/hr	1032 cfm	0.75	1	sys#1

HOT WATER SYSTEM

☒	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
☐	1	Electric	None	Garage	0.92	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

☒	FSEC Cert #	CompanyName	System Model#	Collector Model#	Collector Area	Storage Volume	FEF
☐	None	None			ft ²		

DUCTS

☒	#	— Supply — Location	R-Value	Area	— Return — Location	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat Cool
☐	1	Attic	6	320 ft ²	Attic	106.25 f	Default Leakage	Garage	(Default) c	(Default) c			1 1

TEMPERATURES

Programmable Thermostat: Y		Ceiling Fans:											
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		Hours											
Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

MASS

Mass Type	Area	Thickness	Furniture Fraction	Space
Default (8 lbs/sq.ft.)	0 ft ²	0 ft	0.3	Main