

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Blake Lundy Unit #1	Bedrooms:	2	Address Type:	Street Address
Building Type:	User	Conditioned Area:	916	Lot #	
Owner Name:	Blake Lundy Construction	Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Blake Lundy Construction	Rotate Angle:	0	Street:	Route 41
Permit Office:	Columbia	Cross Ventilation:	No	County:	Columbia
Jurisdiction:	221200	Whole House Fan:	No	City, State, Zip:	Lake City ,
Family Type:	Single-family				FL , 32024
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

✓	Design Location	TMY Site	Design Temp		Int Design Temp		Heating Degree Days	Design Moisture	Daily Temp Range
			97.5 %	2.5 %	Winter	Summer			
_____	FL, Gainesville	FL_GAINESVILLE_REGI	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Entire House	916	7328

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Bed 2 Unit 1	148	1184	No	1	1	1	Yes	Yes	Yes
2	WIC2 Unit1	41	328	No	0		1	Yes	Yes	Yes
3	Bath2 Unit1	44	352	No	0		1	No	Yes	Yes
4	Laundry Unit1	52	416	No	0		1	No	Yes	Yes
5	Bath1 Unit1	44	352	No	0		1	No	Yes	Yes
6	WIC1 Unit1	39	312	No	0		1	No	Yes	Yes
7	Bed 1 Unit 1	132	1056	No	1	1	1	Yes	Yes	Yes
8	Living Unit 1	241	1928	No	1		1	Yes	Yes	Yes
9	Dining Unit 1	65	520	No	0		1	Yes	Yes	Yes
10	Kitchen Unit 1	110	880	Yes	0		1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter	R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Bed 2 Unit 1	21.5 ft		0	148 ft²	----	1	0	0
_____	2	Slab-On-Grade Edge Insulatio	WIC2 Unit1	5.5 ft		0	41.3 ft²	----	1	0	0
_____	3	Slab-On-Grade Edge Insulatio	Bath2 Unit1	1 ft		0	44 ft²	----	1	0	0
_____	4	Slab-On-Grade Edge Insulatio	Laundry Unit1	1 ft		0	52 ft²	----	1	0	0
_____	5	Slab-On-Grade Edge Insulatio	Bath1 Unit1	1 ft		0	44 ft²	----	1	0	0
_____	6	Slab-On-Grade Edge Insulatio	WIC1 Unit1	1 ft		0	38.5 ft²	----	1	0	0
_____	7	Slab-On-Grade Edge Insulatio	Bed 1 Unit 1	15.5 ft		0	132 ft²	----	1	0	0

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FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter	R-Value	Area	Joist	R-Value	Tile	Wood	Carpet
_____	8	Slab-On-Grade Edge Insulatio	Living Unit 1	27.5 ft		0	241.3 ft²	----		1	0	0
_____	9	Slab-On-Grade Edge Insulatio	Dining Unit 1	6.5 ft		0	65 ft²	----		1	0	0
_____	10	Slab-On-Grade Edge Insulatio	Kitchen Unit 1	21 ft		0	110 ft²	----		1	0	0

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	1024 ft²	230 ft²	Medium	N	0.9	No	0.9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	916 ft²	N	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Bed 2 Unit 1	30	Blown	148 ft²	0.1	Wood
_____	2	Under Attic (Vented)	WIC2 Unit1	30	Blown	41 ft²	0.1	Wood
_____	3	Under Attic (Vented)	Bath2 Unit1	30	Blown	44 ft²	0.1	Wood
_____	4	Under Attic (Vented)	Laundry Unit1	30	Blown	52 ft²	0.1	Wood
_____	5	Under Attic (Vented)	Bath1 Unit1	30	Blown	44 ft²	0.1	Wood
_____	6	Under Attic (Vented)	WIC1 Unit1	30	Blown	39 ft²	0.1	Wood
_____	7	Under Attic (Vented)	Bed 1 Unit 1	30	Blown	132 ft²	0.1	Wood
_____	8	Under Attic (Vented)	Living Unit 1	30	Blown	241 ft²	0.1	Wood
_____	9	Under Attic (Vented)	Dining Unit 1	30	Blown	65 ft²	0.1	Wood
_____	10	Under Attic (Vented)	Kitchen Unit 1	30	Blown	110 ft²	0.1	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	Bed 2 Unit 1	13	12	0	8	0	96.0 ft²	0	0.25	0.23	0
_____	2	E	Exterior	Frame - Wood	Bed 2 Unit 1	13	4	6	8	0	36.0 ft²	0	0.25	0.23	0
_____	3	W	Exterior	Frame - Wood	Bed 2 Unit 1	13	5	0	8	0	40.0 ft²	0	0.25	0.23	0
_____	4	N	Exterior	Frame - Wood	WIC2 Unit1	13	5	6	8	0	44.0 ft²	0	0.25	0.23	0
_____	5	S	Exterior	Frame - Wood	Bed 1 Unit 1	13	12	0	8	0	96.0 ft²	0	0.25	0.23	0
_____	6	W	Exterior	Frame - Wood	Bed 1 Unit 1	13	3	6	8	0	28.0 ft²	0	0.25	0.23	0
_____	7	S	Exterior	Frame - Wood	Living Unit 1	13	15	6	8	0	124.0 ft²	0	0.25	0.23	0
_____	8	W	Exterior	Frame - Wood	Living Unit 1	13	12	0	8	0	96.0 ft²	0	0.25	0.23	0
_____	9	W	Exterior	Frame - Wood	Dining Unit 1	13	6	6	8	0	52.0 ft²	0	0.25	0.23	0
_____	10	N	Exterior	Frame - Wood	Kitchen Unit 1	13	10	0	8	0	80.0 ft²	0	0.25	0.23	0
_____	11	W	Exterior	Frame - Wood	Kitchen Unit 1	13	11	0	8	0	88.0 ft²	0	0.25	0.23	0

INPUT SUMMARY CHECKLIST REPORT**DOORS**

✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft In	Height Ft In	Area
✓	1	S	Insulated	Living Unit 1	Metal	.39	3	6	20 ft²
✓	2	N	Insulated	Kitchen Unit 1	Metal	.39	2 8	6 8	17.8 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth Separation	Int Shade	Screening
✓	1	N	1	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in 1 ft 0 in	Drapes/blinds	Exterior 5
✓	2	S	5	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in 1 ft 0 in	Drapes/blinds	Exterior 5
✓	3	S	7	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	3 ft 6 in 1 ft 0 in	Drapes/blinds	Exterior 5
✓	4	S	7	Vinyl	Low-E Double	Yes	0.45	0.36	N	2.0 ft²	3 ft 6 in 1 ft 0 in	None	None
✓	5	W	9	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in 1 ft 0 in	Drapes/blinds	Exterior 5
✓	6	N	10	Vinyl	Low-E Double	Yes	0.45	0.36	N	6.0 ft²	5 ft 0 in 1 ft 0 in	None	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000254	610.7	33.52	63.05	.0956	5

HEATING SYSTEM

✓	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
✓	1	Electric Heat Pump/	Split	Singl	HSPF:8.2	22 kBtu/hr	1	sys#1

COOLING SYSTEM

✓	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
✓	1	Central Unit/	Split	Singl	SEER: 14	22 kBtu/hr	800 cfm	0.7	1	sys#1

HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	Tankless	Laundry Unit1	0.99	1 gal	55.1 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
✓	None	None			ft²		

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DUCTS																									
✓	#	---- Supply ----			---- Return ----			Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC #											
		Location	R-Value	Area	Location	Area	Heat							Cool											
	1	Attic	6	96 ft²	Attic	35 ft²	Default	Leakage	Attic	(Default)	(Default)			1	1										
TEMPERATURES																									
Programable 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																									
Schedule Type		Hours																							
		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	68	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	68	66												
MASS																									
Mass Type		Area		Thickness		Furniture		Fraction		Space															
Default(8 lbs/sq.ft.		0 ft²		0 ft				0.3		Bed 2 Unit 1															
Default(8 lbs/sq.ft.		ft²		ft				0.3		WIC2 Unit1															
Default(8 lbs/sq.ft.		ft²		ft				0.3		Bath2 Unit1															
Default(8 lbs/sq.ft.		ft²		ft				0.3		Laundry Unit1															
Default(8 lbs/sq.ft.		ft²		ft				0.3		Bath1 Unit1															
Default(8 lbs/sq.ft.		ft²		ft				0.3		WIC1 Unit1															
Default(8 lbs/sq.ft.		ft²		ft				0.3		Bed 1 Unit 1															
Default(8 lbs/sq.ft.		ft²		ft				0.3		Living Unit 1															
Default(8 lbs/sq.ft.		ft²		ft				0.3		Dining Unit 1															
Default(8 lbs/sq.ft.		ft²		ft				0.3		Kitchen Unit 1															

ENERGY PERFORMANCE LEVEL (EPL) ALTERNATIVE DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 94

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

Route 41, Lake City, FL, 32024

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	780.00 ft ²
3. Number of units, if multiple family	1	b. N/A	R=	ft ²
4. Number of Bedrooms	2	c. N/A	R=	ft ²
5. Is this a worst case?	No	d. N/A		
6. Conditioned floor area (ft ²)	916	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	916.00 ft ²
a. U-Factor:	Dbl, U=0.47	b. N/A	R=	ft ²
SHGC:	SHGC=0.31	c. N/A	R=	ft ²
b. U-Factor:	Dbl, U=0.45	11. Ducts		R ft ²
SHGC:	SHGC=0.36	a. Sup: Attic, Ret: Attic, AH: Attic		6 96
c. U-Factor:	N/A			
SHGC:		12. Cooling systems	kBtu/hr	Efficiency
d. U-Factor:	N/A	a. Central Unit	22.0	SEER:14.00
SHGC:				
Area Weighted Average Overhang Depth:	2.640 ft.	13. Heating systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.316	a. Electric Heat Pump	22.0	HSPF:8.20
8. Floor Types	Insulation	Area		
a. Slab-On-Grade Edge Insulation	R=0.0	916.10 ft ²		
b. N/A	R=	ft ²		
c. N/A	R=	ft ²		
		14. Hot water systems		
		a. Electric		Cap: 1 gallons
				EF: 0.99
		b. Conservation features		
		None		
		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. Email EnergyGauge tech support at techsupport@energygauge.com 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 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

Project Name: Blake Lundy Unit #2
 Street: Route 41
 City, State, Zip: Lake City, FL, 32024
 Owner: Blake Lundy Construction
 Design Location: FL, Gainesville

Builder Name: Blake Lundy Construction
 Permit Office: Columbia
 Permit Number:
 Jurisdiction: 221200
 County: Columbia (Florida Climate Zone 2)

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 2
 5. Is this a worst case? No
 6. Conditioned floor area above grade (ft²) 916
 Conditioned floor area below grade (ft²) 0

7. Windows (53.0 sqft.) Description Area
 a. U-Factor: Dbl, U=0.47 51.00 ft²
 SHGC: SHGC=0.31
 b. U-Factor: Dbl, U=0.45 2.00 ft²
 SHGC: SHGC=0.36
 c. U-Factor: N/A ft²
 SHGC:
 d. U-Factor: N/A ft²
 SHGC:
 Area Weighted Average Overhang Depth: 2.821 ft.
 Area Weighted Average SHGC: 0.312
 8. Floor Types (916.1 sqft.) Insulation Area
 a. Slab-On-Grade Edge Insulation R=0.0 916.10 ft²
 b. N/A R= ft²
 c. N/A R= ft²

9. Wall Types (568.0 sqft.) Insulation Area
 a. Frame - Wood, Exterior R=13.0 568.00 ft²
 b. N/A R= ft²
 c. N/A R= ft²
 d. N/A R= ft²
 10. Ceiling Types (916.0 sqft.) Insulation Area
 a. Under Attic (Vented) R=30.0 916.00 ft²
 b. N/A R= ft²
 c. N/A R= ft²
 11. Ducts R ft²
 a. Sup: Attic, Ret: Attic, AH: Laundry Unit 2 6 91

12. Cooling systems kBtu/hr Efficiency
 a. Central Unit 22.0 SEER:14.00

13. Heating systems kBtu/hr Efficiency
 a. Electric Heat Pump 22.0 HSPF:8.20

14. Hot water systems
 a. Electric Tankless Cap: 1 gallons
 EF: 0.990
 b. Conservation features
 None

15. Credits CF, Pstat

Glass/Floor Area: 0.058

Total Proposed Modified Loads: 25.06

Total Baseline Loads: 26.05

PASS

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

PREPARED BY: John Pirkel
 DATE: 10/12/2020

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 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).

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# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Blake Lundy Construction	Rotate Angle:	0	Street:	Route 41
Permit Office:	Columbia	Cross Ventilation:	No	County:	Columbia
Jurisdiction:	221200	Whole House Fan:	No	City, State, Zip:	Lake City ,
Family Type:	Single-family				FL , 32024
New/Existing:	New (From Plans)				
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
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SPACES

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2	Bath 1 Unit 2	44	352	No	0		1	No	Yes	Yes
3	WIC1 Unit 2	39	312	No	0		1	No	Yes	Yes
4	Bed 1 Unit 2	132	1056	No	1	1	1	Yes	Yes	Yes
5	Bed 2 Unit 2	148	1184	No	1	1	1	Yes	Yes	Yes
6	Bath2 Unit 2	44	352	No	0		1	No	Yes	Yes
7	Laundry Unit 2	52	416	No	0		1	No	Yes	Yes
8	Living Unit 2	241	1928	No	1		1	Yes	Yes	Yes
9	Dining Unit 2	65	520	No	0		1	No	Yes	Yes
10	Kitchen Unit 2	110	880	Yes	0		1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter	R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	WIC2 Unit 2	5.5 ft		0	41.3 ft²	----	1	0	0
_____	2	Slab-On-Grade Edge Insulatio	Bath 1 Unit 2	1 ft		0	44 ft²	----	1	0	0
_____	3	Slab-On-Grade Edge Insulatio	WIC1 Unit 2	1 ft		0	38.5 ft²	----	1	0	0
_____	4	Slab-On-Grade Edge Insulatio	Bed 1 Unit 2	15.5 ft		0	132 ft²	----	1	0	0
_____	5	Slab-On-Grade Edge Insulatio	Bed 2 Unit 2	21.5 ft		0	148 ft²	----	1	0	0
_____	6	Slab-On-Grade Edge Insulatio	Bath2 Unit 2	1 ft		0	44 ft²	----	1	0	0
_____	7	Slab-On-Grade Edge Insulatio	Laundry Unit 2	1 ft		0	52 ft²	----	1	0	0

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✓	8	Slab-On-Grade Edge Insulatio	Living Unit 2	15.5 ft		0	241.3 ft²		----	1	0	0
✓	9	Slab-On-Grade Edge Insulatio	Dining Unit 2	1 ft		0	65 ft²		----	1	0	0
✓	10	Slab-On-Grade Edge Insulatio	Kitchen Unit 2	13 ft		0	110 ft²		----	1	0	0

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	1024 ft²	230 ft²	Medium	N	0.9	No	0.9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
✓	1	Full attic	Vented	300	916 ft²	N	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing	Frac	Truss Type
✓	1	Under Attic (Vented)	WIC2 Unit 2	30	Blown	41 ft²	0.1		Wood
✓	2	Under Attic (Vented)	Bath 1 Unit 2	30	Blown	44 ft²	0.1		Wood
✓	3	Under Attic (Vented)	WIC1 Unit 2	30	Blown	39 ft²	0.1		Wood
✓	4	Under Attic (Vented)	Bed 1 Unit 2	30	Blown	132 ft²	0.1		Wood
✓	5	Under Attic (Vented)	Bed 2 Unit 2	30	Blown	148 ft²	0.1		Wood
✓	6	Under Attic (Vented)	Bath2 Unit 2	30	Blown	44 ft²	0.1		Wood
✓	7	Under Attic (Vented)	Laundry Unit 2	30	Blown	52 ft²	0.1		Wood
✓	8	Under Attic (Vented)	Living Unit 2	30	Blown	241 ft²	0.1		Wood
✓	9	Under Attic (Vented)	Dining Unit 2	30	Blown	65 ft²	0.1		Wood
✓	10	Under Attic (Vented)	Kitchen Unit 2	30	Blown	110 ft²	0.1		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	WIC2 Unit 2	13	5	6	8	0	44.0 ft²	0	0.25	0.8	0
✓	2	E	Exterior	Frame - Wood	Bed 1 Unit 2	13	3	6	8	0	28.0 ft²	0	0.25	0.8	0
✓	3	S	Exterior	Frame - Wood	Bed 1 Unit 2	13	12	0	8	0	96.0 ft²	0	0.25	0.8	0
✓	4	N	Exterior	Frame - Wood	Bed 2 Unit 2	13	12	0	8	0	96.0 ft²	0	0.25	0.8	0
✓	5	E	Exterior	Frame - Wood	Bed 2 Unit 2	13	5	0	8	0	40.0 ft²	0	0.25	0.8	0
✓	6	W	Exterior	Frame - Wood	Bed 2 Unit 2	13	4	6	8	0	36.0 ft²	0	0.25	0.8	0
✓	7	S	Exterior	Frame - Wood	Living Unit 2	13	15	6	8	0	124.0 ft²	0	0.25	0.8	0
✓	8	N	Exterior	Frame - Wood	Kitchen Unit 2	13	10	0	8	0	80.0 ft²	0	0.25	0.8	0
✓	9	E	Exterior	Frame - Wood	Kitchen Unit 2	13	3	0	8	0	24.0 ft²	0	0.25	0.8	0

INPUT SUMMARY CHECKLIST REPORT**DOORS**

✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft In	Height Ft In	Area
✓	1	S	Wood	Living Unit 2	None	.39	3	6	20 ft²
✓	2	N	Insulated	Kitchen Unit 2	None	.39	2 8	6 8	17.8 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth Separation	Int Shade	Screening
✓	1	S	3	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in 1 ft 0 in	Drapes/blinds	Exterior 5
✓	2	N	4	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in 1 ft 0 in	Drapes/blinds	Exterior 5
✓	3	S	7	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	3 ft 6 in 1 ft 0 in	Drapes/blinds	Exterior 5
✓	4	S	7	Vinyl	Low-E Double	Yes	0.45	0.36	N	2.0 ft²	3 ft 6 in 1 ft 0 in	None	None
✓	5	N	8	Vinyl	Low-E Double	Yes	0.47	0.31	N	6.0 ft²	5 ft 0 in 1 ft 0 in	None	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000254	610.7	33.52	63.05	.0956	5

HEATING SYSTEM

✓	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
✓	1	Electric Heat Pump/	Split	Singl	HSPF:8.2	22 kBtu/hr	1	sys#1

COOLING SYSTEM

✓	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
✓	1	Central Unit/	Split	Singl	SEER: 14	22 kBtu/hr	800 cfm	0.7	1	sys#1

HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	Tankless	Laundry Unit	20.99	1 gal	55.1 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
✓	None	None			ft²		

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 91 ft²	Attic 36 ft²	Default Leakage	Laundry Uni	(Default)	(Default)			1 1

INPUT SUMMARY CHECKLIST REPORT**TEMPERATURES**

Programable 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	78	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	68	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	WIC2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bath 1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	WIC1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bed 1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bed 2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bath2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Laundry Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Living Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Dining Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Kitchen Unit 2

ENERGY PERFORMANCE LEVEL (EPL) ALTERNATIVE DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 96

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

Route 41, Lake City, FL, 32024

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	568.00 ft ²
3. Number of units, if multiple family	1	b. N/A	R=	ft ²
4. Number of Bedrooms	2	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)	916	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	916.00 ft ²
a. U-Factor:	Dbl, U=0.47	b. N/A	R=	ft ²
SHGC:	SHGC=0.31	c. N/A	R=	ft ²
b. U-Factor:	Dbl, U=0.45	11. Ducts		R ft ²
SHGC:	SHGC=0.36	a. Sup: Attic, Ret: Attic, AH: Laundry Unit 2		6 91
c. U-Factor:	N/A			
SHGC:				
d. U-Factor:	N/A	12. Cooling systems	kBtu/hr	Efficiency
SHGC:		a. Central Unit	22.0	SEER:14.00
Area Weighted Average Overhang Depth:	2.821 ft.			
Area Weighted Average SHGC:	0.312	13. Heating systems	kBtu/hr	Efficiency
8. Floor Types	Insulation	a. Electric Heat Pump	22.0	HSPF:8.20
a. Slab-On-Grade Edge Insulation	R=0.0	14. Hot water systems		
b. N/A	R=	a. Electric		Cap: 1 gallons
c. N/A	R=	b. Conservation features		EF: 0.99
		None		
		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. Email EnergyGauge tech support at techsupport@energygauge.com 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 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

Project Name: Blake Lundy Unit #3
 Street: Route 41
 City, State, Zip: Lake City, FL, 32024
 Owner: Blake Lundy Construction
 Design Location: FL, Gainesville

Builder Name: Blake Lundy Construction
 Permit Office: Columbia
 Permit Number:
 Jurisdiction: 221200
 County: Columbia (Florida Climate Zone 2)

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 2
 5. Is this a worst case? No
 6. Conditioned floor area above grade (ft²) 916
 Conditioned floor area below grade (ft²) 0

7. Windows (53.0 sqft.)	Description	Area
a. U-Factor:	Dbl, U=0.47	51.00 ft²
SHGC:	SHGC=0.31	
b. U-Factor:	Dbl, U=0.45	2.00 ft²
SHGC:	SHGC=0.36	
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		2.821 ft.
Area Weighted Average SHGC:		0.312

8. Floor Types (916.1 sqft.)

	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	916.10 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types (568.0 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	568.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types (916.0 sqft.)

	Insulation	Area
a. Under Attic (Vented)	R=30.0	916.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts

	R	ft²
a. Sup: Attic, Ret: Attic, AH: Laundry Unit 3	6	91

12. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	22.0	SEER:14.00

13. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	22.0	HSPF:8.20

14. Hot water systems		
a. Electric Tankless		Cap: 1 gallons
		EF: 0.990

b. Conservation features
None

15. Credits CF, Pstat

Glass/Floor Area: 0.058

Total Proposed Modified Loads: 24.46

Total Baseline Loads: 25.82

PASS

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

PREPARED BY: John Pirkle
 DATE: 10/12/2020

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 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:	Blake Lundy Unit #3	Bedrooms:	2	Address Type:	Street Address
Building Type:	User	Conditioned Area:	916	Lot #	
Owner Name:	Blake Lundy Construction	Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Blake Lundy Construction	Rotate Angle:	0	Street:	Route 41
Permit Office:	Columbia	Cross Ventilation:	No	County:	Columbia
Jurisdiction:	221200	Whole House Fan:	No	City, State, Zip:	Lake City ,
Family Type:	Single-family				FL , 32024
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

✓	Design Location	TMY Site	Design Temp		Int Design Temp		Heating Degree Days	Design Moisture	Daily Temp Range
			97.5 %	2.5 %	Winter	Summer			
_____	FL, Gainesville	FL_GAINESVILLE_REGI	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Entire House	916	7328

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	WIC2 Unit 3	41	328	No	0		1	Yes	Yes	Yes
2	Bath 1 Unit 3	44	352	No	0		1	No	Yes	Yes
3	WIC1 Unit 3	39	312	No	0		1	No	Yes	Yes
4	Bed 1 Unit 3	132	1056	No	1	1	1	Yes	Yes	Yes
5	Bed 2 Unit 3	148	1184	No	1	1	1	Yes	Yes	Yes
6	Bath2 Unit 3	44	352	No	0		1	No	Yes	Yes
7	Laundry Unit 3	52	416	No	0		1	No	Yes	Yes
8	Living Unit 3	241	1928	No	1		1	Yes	Yes	Yes
9	Dining Unit 3	65	520	No	0		1	No	Yes	Yes
10	Kitchen Unit 3	110	880	Yes	0		1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulation	WIC2 Unit 3	5.5 ft	0	41.3 ft²	----	1	0	0
_____	2	Slab-On-Grade Edge Insulation	Bath 1 Unit 3	1 ft	0	44 ft²	----	1	0	0
_____	3	Slab-On-Grade Edge Insulation	WIC1 Unit 3	1 ft	0	38.5 ft²	----	1	0	0
_____	4	Slab-On-Grade Edge Insulation	Bed 1 Unit 3	15.5 ft	0	132 ft²	----	1	0	0
_____	5	Slab-On-Grade Edge Insulation	Bed 2 Unit 3	21.5 ft	0	148 ft²	----	1	0	0
_____	6	Slab-On-Grade Edge Insulation	Bath2 Unit 3	1 ft	0	44 ft²	----	1	0	0
_____	7	Slab-On-Grade Edge Insulation	Laundry Unit 3	1 ft	0	52 ft²	----	1	0	0

INPUT SUMMARY CHECKLIST REPORT

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
✓	8	Slab-On-Grade Edge Insulation	Living Unit 3	15.5 ft	0	241.3 ft²	----	1	0	0
✓	9	Slab-On-Grade Edge Insulation	Dining Unit 3	1 ft	0	65 ft²	----	1	0	0
✓	10	Slab-On-Grade Edge Insulation	Kitchen Unit 3	13 ft	0	110 ft²	----	1	0	0

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	1024 ft²	230 ft²	Medium	N	0.9	No	0.9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
✓	1	Full attic	Vented	300	916 ft²	N	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
✓	1	Under Attic (Vented)	WIC2 Unit 3	30	Blown	41 ft²	0.1	Wood
✓	2	Under Attic (Vented)	Bath 1 Unit 3	30	Blown	44 ft²	0.1	Wood
✓	3	Under Attic (Vented)	WIC1 Unit 3	30	Blown	39 ft²	0.1	Wood
✓	4	Under Attic (Vented)	Bed 1 Unit 3	30	Blown	132 ft²	0.1	Wood
✓	5	Under Attic (Vented)	Bed 2 Unit 3	30	Blown	148 ft²	0.1	Wood
✓	6	Under Attic (Vented)	Bath2 Unit 3	30	Blown	44 ft²	0.1	Wood
✓	7	Under Attic (Vented)	Laundry Unit 3	30	Blown	52 ft²	0.1	Wood
✓	8	Under Attic (Vented)	Living Unit 3	30	Blown	241 ft²	0.1	Wood
✓	9	Under Attic (Vented)	Dining Unit 3	30	Blown	65 ft²	0.1	Wood
✓	10	Under Attic (Vented)	Kitchen Unit 3	30	Blown	110 ft²	0.1	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	WIC2 Unit 3	13	5	6	8	0	44.0 ft²	0	0.25	0.8	0
✓	2	E	Exterior	Frame - Wood	Bed 1 Unit 3	13	3	6	8	0	28.0 ft²	0	0.25	0.8	0
✓	3	S	Exterior	Frame - Wood	Bed 1 Unit 3	13	12	0	8	0	96.0 ft²	0	0.25	0.8	0
✓	4	N	Exterior	Frame - Wood	Bed 2 Unit 3	13	12	0	8	0	96.0 ft²	0	0.25	0.8	0
✓	5	E	Exterior	Frame - Wood	Bed 2 Unit 3	13	5	0	8	0	40.0 ft²	0	0.25	0.8	0
✓	6	W	Exterior	Frame - Wood	Bed 2 Unit 3	13	4	6	8	0	36.0 ft²	0	0.25	0.8	0
✓	7	S	Exterior	Frame - Wood	Living Unit 3	13	15	6	8	0	124.0 ft²	0	0.25	0.8	0
✓	8	N	Exterior	Frame - Wood	Kitchen Unit 3	13	10	0	8	0	80.0 ft²	0	0.25	0.8	0
✓	9	E	Exterior	Frame - Wood	Kitchen Unit 3	13	3	0	8	0	24.0 ft²	0	0.25	0.8	0

INPUT SUMMARY CHECKLIST REPORT

DOORS

✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
✓	1	S	Wood	Living Unit 3	None	.39	3		6	8	20 ft²
✓	2	N	Insulated	Kitchen Unit 3	None	.39	2	8	6	8	17.8 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Separation	Int Shade	Screening
✓	1	S	3	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in	1 ft 0 in	Drapes/blinds	Exterior 5
✓	2	N	4	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in	1 ft 0 in	Drapes/blinds	Exterior 5
✓	3	S	7	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	3 ft 6 in	1 ft 0 in	Drapes/blinds	Exterior 5
✓	4	S	7	Vinyl	Low-E Double	Yes	0.45	0.36	N	2.0 ft²	3 ft 6 in	1 ft 0 in	None	None
✓	5	N	8	Vinyl	Low-E Double	Yes	0.47	0.31	N	6.0 ft²	5 ft 0 in	1 ft 0 in	None	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000254	610.7	33.52	63.05	.0956	5

HEATING SYSTEM

✓	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
✓	1	Electric Heat Pump/	Split	Single	HSPF:8.2	22 kBtu/hr	1	sys#1

COOLING SYSTEM

✓	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
✓	1	Central Unit/	Split	Single	SEER: 14	22 kBtu/hr	800 cfm	0.7	1	sys#1

HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	Tankless	Laundry Unit 3	0.99	1 gal	55.1 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
✓	None	None			ft²		

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	91 ft²	Attic	36 ft²	Default Leakage	Laundry Uni	(Default)	c(Default)	c		1	1

INPUT SUMMARY CHECKLIST REPORT**TEMPERATURES**

Programable 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	WIC2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bath 1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	WIC1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bed 1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bed 2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bath2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Laundry Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Living Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Dining Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Kitchen Unit 2

ENERGY PERFORMANCE LEVEL (EPL) ALTERNATIVE DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 95

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

Route 41, Lake City, FL, 32024

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	568.00 ft ²
3. Number of units, if multiple family	1	b. N/A	R=	ft ²
4. Number of Bedrooms	2	c. N/A	R=	ft ²
5. Is this a worst case?	No	d. N/A		
6. Conditioned floor area (ft ²)	916	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	916.00 ft ²
a. U-Factor:	Dbl, U=0.47	b. N/A	R=	ft ²
SHGC:	SHGC=0.31	c. N/A	R=	ft ²
b. U-Factor:	Dbl, U=0.45	11. Ducts		R ft ²
SHGC:	SHGC=0.36	a. Sup: Attic, Ret: Attic, AH: Laundry Unit 3		6 91
c. U-Factor:	N/A			
SHGC:		12. Cooling systems	kBtu/hr	Efficiency
d. U-Factor:	N/A	a. Central Unit	22.0	SEER:14.00
SHGC:				
Area Weighted Average Overhang Depth:	2.821 ft.	13. Heating systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.312	a. Electric Heat Pump	22.0	HSPF:8.20
8. Floor Types	Insulation	Area		
a. Slab-On-Grade Edge Insulation	R=0.0	916.10 ft ²		
b. N/A	R=	ft ²		
c. N/A	R=	ft ²		
		14. Hot water systems		Cap: 1 gallons
		a. Electric		EF: 0.99
		b. Conservation features		
		None		
		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. Email EnergyGauge tech support at techsupport@energygauge.com 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 R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

Project Name: Blake Lundy Unit #4 Street: Route 41 City, State, Zip: Lake City , FL , 32024 Owner: Blake Lundy Construction Design Location: FL, Gainesville	Builder Name: Blake Lundy Construction Permit Office: Columbia Permit Number: Jurisdiction: 221200 County: Columbia (Florida Climate Zone 2)
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Glass/Floor Area: 0.058	Total Proposed Modified Loads: 24.46	PASS
	Total Baseline Loads: 25.82	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: John Pirkle DATE: 10/12/2020 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 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:	Blake Lundy Unit #4	Bedrooms:	2	Address Type:	Street Address
Building Type:	User	Conditioned Area:	916	Lot #	
Owner Name:	Blake Lundy Construction	Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Blake Lundy Construction	Rotate Angle:	0	Street:	Route 41
Permit Office:	Columbia	Cross Ventilation:	No	County:	Columbia
Jurisdiction:	221200	Whole House Fan:	No	City, State, Zip:	Lake City ,
Family Type:	Single-family				FL , 32024
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

✓	Design Location	TMY Site	Design Temp		Int Design Temp		Heating Degree Days	Design Moisture	Daily Temp Range
			97.5 %	2.5 %	Winter	Summer			
_____	FL, Gainesville	FL_GAINESVILLE_REGI	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Entire House	916	7328

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	WIC2 Unit 4	41	328	No	0		1	Yes	Yes	Yes
2	Bath 1 Unit 4	44	352	No	0		1	No	Yes	Yes
3	WIC1 Unit 4	39	312	No	0		1	No	Yes	Yes
4	Bed 1 Unit 4	132	1056	No	1	1	1	Yes	Yes	Yes
5	Bed 2 Unit 4	148	1184	No	1	1	1	Yes	Yes	Yes
6	Bath2 Unit 4	44	352	No	0		1	No	Yes	Yes
7	Laundry Unit 4	52	416	No	0		1	No	Yes	Yes
8	Living Unit 4	241	1928	No	1		1	Yes	Yes	Yes
9	Dining Unit 4	65	520	No	0		1	No	Yes	Yes
10	Kitchen Unit 4	110	880	Yes	0		1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulation	WIC2 Unit 4	5.5 ft	0	41.3 ft²	----	1	0	0
_____	2	Slab-On-Grade Edge Insulation	Bath 1 Unit 4	1 ft	0	44 ft²	----	1	0	0
_____	3	Slab-On-Grade Edge Insulation	WIC1 Unit 4	1 ft	0	38.5 ft²	----	1	0	0
_____	4	Slab-On-Grade Edge Insulation	Bed 1 Unit 4	15.5 ft	0	132 ft²	----	1	0	0
_____	5	Slab-On-Grade Edge Insulation	Bed 2 Unit 4	21.5 ft	0	148 ft²	----	1	0	0
_____	6	Slab-On-Grade Edge Insulation	Bath2 Unit 4	1 ft	0	44 ft²	----	1	0	0
_____	7	Slab-On-Grade Edge Insulation	Laundry Unit 4	1 ft	0	52 ft²	----	1	0	0

INPUT SUMMARY CHECKLIST REPORT

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
✓	8	Slab-On-Grade Edge Insulation	Living Unit 4	15.5 ft	0	241.3 ft²	----	1	0	0
✓	9	Slab-On-Grade Edge Insulation	Dining Unit 4	1 ft	0	65 ft²	----	1	0	0
✓	10	Slab-On-Grade Edge Insulation	Kitchen Unit 4	13 ft	0	110 ft²	----	1	0	0

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	1024 ft²	230 ft²	Medium	N	0.9	No	0.9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
✓	1	Full attic	Vented	300	916 ft²	N	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
✓	1	Under Attic (Vented)	WIC2 Unit 4	30	Blown	41 ft²	0.1	Wood
✓	2	Under Attic (Vented)	Bath 1 Unit 4	30	Blown	44 ft²	0.1	Wood
✓	3	Under Attic (Vented)	WIC1 Unit 4	30	Blown	39 ft²	0.1	Wood
✓	4	Under Attic (Vented)	Bed 1 Unit 4	30	Blown	132 ft²	0.1	Wood
✓	5	Under Attic (Vented)	Bed 2 Unit 4	30	Blown	148 ft²	0.1	Wood
✓	6	Under Attic (Vented)	Bath2 Unit 4	30	Blown	44 ft²	0.1	Wood
✓	7	Under Attic (Vented)	Laundry Unit 4	30	Blown	52 ft²	0.1	Wood
✓	8	Under Attic (Vented)	Living Unit 4	30	Blown	241 ft²	0.1	Wood
✓	9	Under Attic (Vented)	Dining Unit 4	30	Blown	65 ft²	0.1	Wood
✓	10	Under Attic (Vented)	Kitchen Unit 4	30	Blown	110 ft²	0.1	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	WIC2 Unit 4	13	5	6	8	0	44.0 ft²	0	0.25	0.8	0
✓	2	E	Exterior	Frame - Wood	Bed 1 Unit 4	13	3	6	8	0	28.0 ft²	0	0.25	0.8	0
✓	3	S	Exterior	Frame - Wood	Bed 1 Unit 4	13	12	0	8	0	96.0 ft²	0	0.25	0.8	0
✓	4	N	Exterior	Frame - Wood	Bed 2 Unit 4	13	12	0	8	0	96.0 ft²	0	0.25	0.8	0
✓	5	E	Exterior	Frame - Wood	Bed 2 Unit 4	13	5	0	8	0	40.0 ft²	0	0.25	0.8	0
✓	6	W	Exterior	Frame - Wood	Bed 2 Unit 4	13	4	6	8	0	36.0 ft²	0	0.25	0.8	0
✓	7	S	Exterior	Frame - Wood	Living Unit 4	13	15	6	8	0	124.0 ft²	0	0.25	0.8	0
✓	8	N	Exterior	Frame - Wood	Kitchen Unit 4	13	10	0	8	0	80.0 ft²	0	0.25	0.8	0
✓	9	E	Exterior	Frame - Wood	Kitchen Unit 4	13	3	0	8	0	24.0 ft²	0	0.25	0.8	0

INPUT SUMMARY CHECKLIST REPORT

DOORS

✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
✓	1	S	Wood	Living Unit 4	None	.39	3		6	8	20 ft²
✓	2	N	Insulated	Kitchen Unit 4	None	.39	2	8	6	8	17.8 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Separation	Int Shade	Screening
✓	1	S	3	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in	1 ft 0 in	Drapes/blinds	Exterior 5
✓	2	N	4	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in	1 ft 0 in	Drapes/blinds	Exterior 5
✓	3	S	7	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	3 ft 6 in	1 ft 0 in	Drapes/blinds	Exterior 5
✓	4	S	7	Vinyl	Low-E Double	Yes	0.45	0.36	N	2.0 ft²	3 ft 6 in	1 ft 0 in	None	None
✓	5	N	8	Vinyl	Low-E Double	Yes	0.47	0.31	N	6.0 ft²	5 ft 0 in	1 ft 0 in	None	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000254	610.7	33.52	63.05	.0956	5

HEATING SYSTEM

✓	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
✓	1	Electric Heat Pump/	Split	Single	HSPF:8.2	22 kBtu/hr	1	sys#1

COOLING SYSTEM

✓	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
✓	1	Central Unit/	Split	Single	SEER: 14	22 kBtu/hr	800 cfm	0.7	1	sys#1

HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	Tankless	Laundry Unit 4	0.99	1 gal	55.1 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
✓	None	None			ft²		

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	91 ft²	Attic	36 ft²	Default Leakage	Laundry Uni	(Default)	c(Default)	c		1	1

INPUT SUMMARY CHECKLIST REPORT**TEMPERATURES**

Programable 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	WIC2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bath 1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	WIC1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bed 1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bed 2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bath2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Laundry Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Living Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Dining Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Kitchen Unit 2

ENERGY PERFORMANCE LEVEL (EPL) ALTERNATIVE DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 95

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

Route 41, Lake City, FL, 32024

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	568.00 ft ²
3. Number of units, if multiple family	1	b. N/A	R=	ft ²
4. Number of Bedrooms	2	c. N/A	R=	ft ²
5. Is this a worst case?	No	d. N/A		
6. Conditioned floor area (ft ²)	916	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	916.00 ft ²
a. U-Factor:	Dbl, U=0.47	b. N/A	R=	ft ²
SHGC:	SHGC=0.31	c. N/A	R=	ft ²
b. U-Factor:	Dbl, U=0.45	11. Ducts		R ft ²
SHGC:	SHGC=0.36	a. Sup: Attic, Ret: Attic, AH: Laundry Unit 4		6 91
c. U-Factor:	N/A			
SHGC:		12. Cooling systems	kBtu/hr	Efficiency
d. U-Factor:	N/A	a. Central Unit	22.0	SEER:14.00
SHGC:				
Area Weighted Average Overhang Depth:	2.821 ft.	13. Heating systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.312	a. Electric Heat Pump	22.0	HSPF:8.20
8. Floor Types	Insulation	Area		
a. Slab-On-Grade Edge Insulation	R=0.0	916.10 ft ²		
b. N/A	R=	ft ²		
c. N/A	R=	ft ²		
		14. Hot water systems		Cap: 1 gallons
		a. Electric		EF: 0.99
		b. Conservation features		
		None		
		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. Email EnergyGauge tech support at techsupport@energygauge.com 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 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

Project Name: Blake Lundy Unit #5
 Street: Route 41
 City, State, Zip: Lake City, FL, 32024
 Owner: Blake Lundy Construction
 Design Location: FL, Gainesville

Builder Name: Blake Lundy Construction
 Permit Office: Columbia
 Permit Number:
 Jurisdiction: 221200
 County: Columbia (Florida Climate Zone 2)

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 2
 5. Is this a worst case? No
 6. Conditioned floor area above grade (ft²) 916
 Conditioned floor area below grade (ft²) 0

7. Windows (53.0 sqft.)	Description	Area
a. U-Factor:	Dbl, U=0.47	51.00 ft²
SHGC:	SHGC=0.31	
b. U-Factor:	Dbl, U=0.45	2.00 ft²
SHGC:	SHGC=0.36	
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		2.821 ft.
Area Weighted Average SHGC:		0.312

8. Floor Types (916.1 sqft.)

	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	916.10 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types (568.0 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	568.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types (916.0 sqft.)

	Insulation	Area
a. Under Attic (Vented)	R=30.0	916.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts

	R	ft²
a. Sup: Attic, Ret: Attic, AH: Laundry Unit 5	6	91

12. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	22.0	SEER:14.00

13. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	22.0	HSPF:8.20

14. Hot water systems		
a. Electric Tankless		Cap: 1 gallons
		EF: 0.990

b. Conservation features
None

15. Credits CF, Pstat

Glass/Floor Area: 0.058
 Total Proposed Modified Loads: 24.46
 Total Baseline Loads: 25.82

PASS

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

PREPARED BY: John Pirkle
 DATE: 10/12/2020

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 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:	Blake Lundy Unit #5	Bedrooms:	2	Address Type:	Street Address
Building Type:	User	Conditioned Area:	916	Lot #	
Owner Name:	Blake Lundy Construction	Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Blake Lundy Construction	Rotate Angle:	0	Street:	Route 41
Permit Office:	Columbia	Cross Ventilation:	No	County:	Columbia
Jurisdiction:	221200	Whole House Fan:	No	City, State, Zip:	Lake City ,
Family Type:	Single-family				FL , 32024
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

✓	Design Location	TMY Site	Design Temp		Int Design Temp		Heating Degree Days	Design Moisture	Daily Temp Range
			97.5 %	2.5 %	Winter	Summer			
_____	FL, Gainesville	FL_GAINESVILLE_REGI	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Entire House	916	7328

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	WIC2 Unit 5	41	328	No	0		1	Yes	Yes	Yes
2	Bath 1 Unit 5	44	352	No	0		1	No	Yes	Yes
3	WIC1 Unit 5	39	312	No	0		1	No	Yes	Yes
4	Bed 1 Unit 5	132	1056	No	1	1	1	Yes	Yes	Yes
5	Bed 2 Unit 5	148	1184	No	1	1	1	Yes	Yes	Yes
6	Bath2 Unit 5	44	352	No	0		1	No	Yes	Yes
7	Laundry Unit 5	52	416	No	0		1	No	Yes	Yes
8	Living Unit 5	241	1928	No	1		1	Yes	Yes	Yes
9	Dining Unit 5	65	520	No	0		1	No	Yes	Yes
10	Kitchen Unit 5	110	880	Yes	0		1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulation	WIC2 Unit 5	5.5 ft	0	41.3 ft²	----	1	0	0
_____	2	Slab-On-Grade Edge Insulation	Bath 1 Unit 5	1 ft	0	44 ft²	----	1	0	0
_____	3	Slab-On-Grade Edge Insulation	WIC1 Unit 5	1 ft	0	38.5 ft²	----	1	0	0
_____	4	Slab-On-Grade Edge Insulation	Bed 1 Unit 5	15.5 ft	0	132 ft²	----	1	0	0
_____	5	Slab-On-Grade Edge Insulation	Bed 2 Unit 5	21.5 ft	0	148 ft²	----	1	0	0
_____	6	Slab-On-Grade Edge Insulation	Bath2 Unit 5	1 ft	0	44 ft²	----	1	0	0
_____	7	Slab-On-Grade Edge Insulation	Laundry Unit 5	1 ft	0	52 ft²	----	1	0	0

INPUT SUMMARY CHECKLIST REPORT

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	8	Slab-On-Grade Edge Insulation	Living Unit 5	15.5 ft	0	241.3 ft²	----	1	0	0
_____	9	Slab-On-Grade Edge Insulation	Dining Unit 5	1 ft	0	65 ft²	----	1	0	0
_____	10	Slab-On-Grade Edge Insulation	Kitchen Unit 5	13 ft	0	110 ft²	----	1	0	0

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	1024 ft²	230 ft²	Medium	N	0.9	No	0.9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	916 ft²	N	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	WIC2 Unit 5	30	Blown	41 ft²	0.1	Wood
_____	2	Under Attic (Vented)	Bath 1 Unit 5	30	Blown	44 ft²	0.1	Wood
_____	3	Under Attic (Vented)	WIC1 Unit 5	30	Blown	39 ft²	0.1	Wood
_____	4	Under Attic (Vented)	Bed 1 Unit 5	30	Blown	132 ft²	0.1	Wood
_____	5	Under Attic (Vented)	Bed 2 Unit 5	30	Blown	148 ft²	0.1	Wood
_____	6	Under Attic (Vented)	Bath2 Unit 5	30	Blown	44 ft²	0.1	Wood
_____	7	Under Attic (Vented)	Laundry Unit 5	30	Blown	52 ft²	0.1	Wood
_____	8	Under Attic (Vented)	Living Unit 5	30	Blown	241 ft²	0.1	Wood
_____	9	Under Attic (Vented)	Dining Unit 5	30	Blown	65 ft²	0.1	Wood
_____	10	Under Attic (Vented)	Kitchen Unit 5	30	Blown	110 ft²	0.1	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	WIC2 Unit 5	13	5	6	8	0	44.0 ft²	0	0.25	0.8	0
_____	2	E	Exterior	Frame - Wood	Bed 1 Unit 5	13	3	6	8	0	28.0 ft²	0	0.25	0.8	0
_____	3	S	Exterior	Frame - Wood	Bed 1 Unit 5	13	12	0	8	0	96.0 ft²	0	0.25	0.8	0
_____	4	N	Exterior	Frame - Wood	Bed 2 Unit 5	13	12	0	8	0	96.0 ft²	0	0.25	0.8	0
_____	5	E	Exterior	Frame - Wood	Bed 2 Unit 5	13	5	0	8	0	40.0 ft²	0	0.25	0.8	0
_____	6	W	Exterior	Frame - Wood	Bed 2 Unit 5	13	4	6	8	0	36.0 ft²	0	0.25	0.8	0
_____	7	S	Exterior	Frame - Wood	Living Unit 5	13	15	6	8	0	124.0 ft²	0	0.25	0.8	0
_____	8	N	Exterior	Frame - Wood	Kitchen Unit 5	13	10	0	8	0	80.0 ft²	0	0.25	0.8	0
_____	9	E	Exterior	Frame - Wood	Kitchen Unit 5	13	3	0	8	0	24.0 ft²	0	0.25	0.8	0

INPUT SUMMARY CHECKLIST REPORT

DOORS

✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
✓	1	S	Wood	Living Unit 5	None	.39	3		6	8	20 ft²
✓	2	N	Insulated	Kitchen Unit 5	None	.39	2	8	6	8	17.8 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Separation	Int Shade	Screening
✓	1	S	3	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in	1 ft 0 in	Drapes/blinds	Exterior 5
✓	2	N	4	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in	1 ft 0 in	Drapes/blinds	Exterior 5
✓	3	S	7	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	3 ft 6 in	1 ft 0 in	Drapes/blinds	Exterior 5
✓	4	S	7	Vinyl	Low-E Double	Yes	0.45	0.36	N	2.0 ft²	3 ft 6 in	1 ft 0 in	None	None
✓	5	N	8	Vinyl	Low-E Double	Yes	0.47	0.31	N	6.0 ft²	5 ft 0 in	1 ft 0 in	None	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000254	610.7	33.52	63.05	.0956	5

HEATING SYSTEM

✓	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
✓	1	Electric Heat Pump/	Split	Single	HSPF:8.2	22 kBtu/hr	1	sys#1

COOLING SYSTEM

✓	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
✓	1	Central Unit/	Split	Single	SEER: 14	22 kBtu/hr	800 cfm	0.7	1	sys#1

HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	Tankless	Laundry Unit 5	0.99	1 gal	55.1 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
✓	None	None			ft²		

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	91 ft²	Attic	36 ft²	Default Leakage	Laundry Uni	(Default)	c(Default)	c		1	1

INPUT SUMMARY CHECKLIST REPORT

TEMPERATURES

Programable 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	78	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	68	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	WIC2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bath 1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	WIC1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bed 1 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bed 2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Bath2 Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Laundry Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Living Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Dining Unit 2
Default(8 lbs/sq.ft.	ft ²	ft	0.3	Kitchen Unit 2

ENERGY PERFORMANCE LEVEL (EPL) ALTERNATIVE DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 95

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

Route 41, Lake City, FL, 32024

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	568.00 ft ²
3. Number of units, if multiple family	1	b. N/A	R=	ft ²
4. Number of Bedrooms	2	c. N/A	R=	ft ²
5. Is this a worst case?	No	d. N/A		
6. Conditioned floor area (ft ²)	916	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	916.00 ft ²
a. U-Factor:	Dbl, U=0.47	b. N/A	R=	ft ²
SHGC:	SHGC=0.31	c. N/A	R=	ft ²
b. U-Factor:	Dbl, U=0.45	11. Ducts		R ft ²
SHGC:	SHGC=0.36	a. Sup: Attic, Ret: Attic, AH: Laundry Unit 5		6 91
c. U-Factor:	N/A			
SHGC:		12. Cooling systems	kBtu/hr	Efficiency
d. U-Factor:	N/A	a. Central Unit	22.0	SEER:14.00
SHGC:				
Area Weighted Average Overhang Depth:	2.821 ft.	13. Heating systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.312	a. Electric Heat Pump	22.0	HSPF:8.20
8. Floor Types	Insulation	Area		
a. Slab-On-Grade Edge Insulation	R=0.0	916.10 ft ²		
b. N/A	R=	ft ²		
c. N/A	R=	ft ²		
		14. Hot water systems		
		a. Electric		Cap: 1 gallons
				EF: 0.99
		b. Conservation features		
		None		
		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. Email EnergyGauge tech support at techsupport@energygauge.com 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 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

Project Name: Blake Lundy Unit #6
 Street: Route 41
 City, State, Zip: Lake City, FL, 32024
 Owner: Blake Lundy Construction
 Design Location: FL, Gainesville

Builder Name: Blake Lundy Construction
 Permit Office: Columbia
 Permit Number:
 Jurisdiction: 221200
 County: Columbia (Florida Climate Zone 2)

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 2
 5. Is this a worst case? No
 6. Conditioned floor area above grade (ft²) 916
 Conditioned floor area below grade (ft²) 0

7. Windows (68.0 sqft.) Description Area
 a. U-Factor: Dbl, U=0.47 60.00 ft²
 SHGC: SHGC=0.31
 b. U-Factor: Dbl, U=0.45 8.00 ft²
 SHGC: SHGC=0.36
 c. U-Factor: N/A ft²
 SHGC:
 d. U-Factor: N/A ft²
 SHGC:
 Area Weighted Average Overhang Depth: 2.640 ft.
 Area Weighted Average SHGC: 0.316
 8. Floor Types (916.1 sqft.) Insulation Area
 a. Slab-On-Grade Edge Insulation R=0.0 916.10 ft²
 b. N/A R= ft²
 c. N/A R= ft²

9. Wall Types (780.0 sqft.) Insulation Area
 a. Frame - Wood, Exterior R=13.0 780.00 ft²
 b. N/A R= ft²
 c. N/A R= ft²
 d. N/A R= ft²
 10. Ceiling Types (916.0 sqft.) Insulation Area
 a. Under Attic (Vented) R=30.0 916.00 ft²
 b. N/A R= ft²
 c. N/A R= ft²
 11. Ducts R ft²
 a. Sup: Attic, Ret: Attic, AH: Attic 6 96

12. Cooling systems kBtu/hr Efficiency
 a. Central Unit 22.0 SEER:14.00

13. Heating systems kBtu/hr Efficiency
 a. Electric Heat Pump 22.0 HSPF:8.20

14. Hot water systems
 a. Electric Tankless Cap: 1 gallons
 b. Conservation features EF: 0.990
 None

15. Credits CF, Pstat

Glass/Floor Area: 0.074

Total Proposed Modified Loads: 25.68

Total Baseline Loads: 27.45

PASS

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

PREPARED BY: John Pirkle
 DATE: 10/12/2020

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 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:	Blake Lundy Unit #6	Bedrooms:	2	Address Type:	Street Address
Building Type:	User	Conditioned Area:	916	Lot #	
Owner Name:	Blake Lundy Construction	Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Blake Lundy Construction	Rotate Angle:	0	Street:	Route 41
Permit Office:	Columbia	Cross Ventilation:	No	County:	Columbia
Jurisdiction:	221200	Whole House Fan:	No	City, State, Zip:	Lake City ,
Family Type:	Single-family				FL , 32024
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

✓	Design Location	TMY Site	Design Temp		Int Design Temp		Heating Degree Days	Design Moisture	Daily Temp Range
			97.5 %	2.5 %	Winter	Summer			
_____	FL, Gainesville	FL_GAINESVILLE_REGI	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Entire House	916	7328

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Bed 2 Unit 6	148	1184	No	1	1	1	Yes	Yes	Yes
2	WIC2 Unit 6	41	328	No	0		1	Yes	Yes	Yes
3	Bath2 Unit 6	44	352	No	0		1	No	Yes	Yes
4	Laundry Unit 6	52	416	No	0		1	No	Yes	Yes
5	Bath1 Unit 6	44	352	No	0		1	No	Yes	Yes
6	WIC1 Unit 6	39	312	No	0		1	No	Yes	Yes
7	Bed 1 Unit 6	132	1056	No	1	1	1	Yes	Yes	Yes
8	Living Unit 6	241	1928	No	1		1	Yes	Yes	Yes
9	Dining Unit 6	65	520	No	0		1	Yes	Yes	Yes
10	Kitchen Unit 6	110	880	Yes	0		1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulation	Bed 2 Unit 6	21.5 ft	0	148 ft²	----	1	0	0
_____	2	Slab-On-Grade Edge Insulation	WIC2 Unit 6	5.5 ft	0	41.3 ft²	----	1	0	0
_____	3	Slab-On-Grade Edge Insulation	Bath2 Unit 6	1 ft	0	44 ft²	----	1	0	0
_____	4	Slab-On-Grade Edge Insulation	Laundry Unit 6	1 ft	0	52 ft²	----	1	0	0
_____	5	Slab-On-Grade Edge Insulation	Bath1 Unit 6	1 ft	0	44 ft²	----	1	0	0
_____	6	Slab-On-Grade Edge Insulation	WIC1 Unit 6	1 ft	0	38.5 ft²	----	1	0	0
_____	7	Slab-On-Grade Edge Insulation	Bed 1 Unit 6	15.5 ft	0	132 ft²	----	1	0	0

INPUT SUMMARY CHECKLIST REPORT

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
✓	8	Slab-On-Grade Edge Insulation	Living Unit 6	27.5 ft	0	241.3 ft²	----	1	0	0
✓	9	Slab-On-Grade Edge Insulation	Dining Unit 6	6.5 ft	0	65 ft²	----	1	0	0
✓	10	Slab-On-Grade Edge Insulation	Kitchen Unit 6	21 ft	0	110 ft²	----	1	0	0

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	1024 ft²	230 ft²	Medium	N	0.9	No	0.9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
✓	1	Full attic	Vented	300	916 ft²	N	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
✓	1	Under Attic (Vented)	Bed 2 Unit 6	30	Blown	148 ft²	0.1	Wood
✓	2	Under Attic (Vented)	WIC2 Unit 6	30	Blown	41 ft²	0.1	Wood
✓	3	Under Attic (Vented)	Bath2 Unit 6	30	Blown	44 ft²	0.1	Wood
✓	4	Under Attic (Vented)	Laundry Unit 6	30	Blown	52 ft²	0.1	Wood
✓	5	Under Attic (Vented)	Bath1 Unit 6	30	Blown	44 ft²	0.1	Wood
✓	6	Under Attic (Vented)	WIC1 Unit 6	30	Blown	39 ft²	0.1	Wood
✓	7	Under Attic (Vented)	Bed 1 Unit 6	30	Blown	132 ft²	0.1	Wood
✓	8	Under Attic (Vented)	Living Unit 6	30	Blown	241 ft²	0.1	Wood
✓	9	Under Attic (Vented)	Dining Unit 6	30	Blown	65 ft²	0.1	Wood
✓	10	Under Attic (Vented)	Kitchen Unit 6	30	Blown	110 ft²	0.1	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	Bed 2 Unit 6	13	12	0	8	0	96.0 ft²	0	0.25	0.23	0
✓	2	E	Exterior	Frame - Wood	Bed 2 Unit 6	13	4	6	8	0	36.0 ft²	0	0.25	0.23	0
✓	3	W	Exterior	Frame - Wood	Bed 2 Unit 6	13	5	0	8	0	40.0 ft²	0	0.25	0.23	0
✓	4	N	Exterior	Frame - Wood	WIC2 Unit 6	13	5	6	8	0	44.0 ft²	0	0.25	0.23	0
✓	5	S	Exterior	Frame - Wood	Bed 1 Unit 6	13	12	0	8	0	96.0 ft²	0	0.25	0.23	0
✓	6	W	Exterior	Frame - Wood	Bed 1 Unit 6	13	3	6	8	0	28.0 ft²	0	0.25	0.23	0
✓	7	S	Exterior	Frame - Wood	Living Unit 6	13	15	6	8	0	124.0 ft²	0	0.25	0.23	0
✓	8	W	Exterior	Frame - Wood	Living Unit 6	13	12	0	8	0	96.0 ft²	0	0.25	0.23	0
✓	9	W	Exterior	Frame - Wood	Dining Unit 6	13	6	6	8	0	52.0 ft²	0	0.25	0.23	0
✓	10	N	Exterior	Frame - Wood	Kitchen Unit 6	13	10	0	8	0	80.0 ft²	0	0.25	0.23	0
✓	11	W	Exterior	Frame - Wood	Kitchen Unit 6	13	11	0	8	0	88.0 ft²	0	0.25	0.23	0

INPUT SUMMARY CHECKLIST REPORT

DOORS

✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft In	Height Ft In	Area
✓	1	S	Insulated	Living Unit 6	Metal	.39	3	6	20 ft²
✓	2	N	Insulated	Kitchen Unit 6	Metal	.39	2 8	6 8	17.8 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth Separation	Int Shade	Screening
✓	1	N	1	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in 1 ft 0 in	Drapes/blinds	Exterior 5
✓	2	S	5	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in 1 ft 0 in	Drapes/blinds	Exterior 5
✓	3	S	7	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	3 ft 6 in 1 ft 0 in	Drapes/blinds	Exterior 5
✓	4	S	7	Vinyl	Low-E Double	Yes	0.45	0.36	N	2.0 ft²	3 ft 6 in 1 ft 0 in	None	None
✓	5	W	9	Vinyl	Low-E Double	Yes	0.47	0.31	N	15.0 ft²	2 ft 0 in 1 ft 0 in	Drapes/blinds	Exterior 5
✓	6	N	10	Vinyl	Low-E Double	Yes	0.45	0.36	N	6.0 ft²	5 ft 0 in 1 ft 0 in	None	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000254	610.7	33.52	63.05	.0956	5

HEATING SYSTEM

✓	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
✓	1	Electric Heat Pump/	Split	Single	HSPF:8.2	22 kBtu/hr	1	sys#1

COOLING SYSTEM

✓	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
✓	1	Central Unit/	Split	Single	SEER: 14	22 kBtu/hr	800 cfm	0.7	1	sys#1

HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	Tankless	Laundry Unit 6	0.99	1 gal	55.1 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
✓	None	None			ft²		

INPUT SUMMARY CHECKLIST REPORT

DUCTS															
✓	#	---- Supply ----			---- Return ----		Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC #		
		Location	R-Value	Area	Location	Area							Heat	Cool	
	1	Attic	6	96 ft²	Attic	35 ft²	Default Leakage	Attic	(Default)	c(Default)	c		1	1	
TEMPERATURES															
Programable Thermostat: ☒ Y Ceiling Fans:															
Cooling ☐ Jan Heating ☒ Jan Venting ☐ Jan	☐ Feb ☒ Feb ☐ Feb	☐ Mar ☒ Mar ☒ Mar	☐ Apr ☐ Apr ☒ Apr	☐ May ☐ May ☐ May	☒ Jun ☐ Jun ☐ Jun	☒ Jul ☐ Jul ☐ Jul	☒ Aug ☐ Aug ☐ Aug	☒ Sep ☐ Sep ☐ Sep	☐ Oct ☐ Oct ☒ Oct	☐ Nov ☒ Nov ☒ Nov	☐ Dec ☒ Dec ☒ Dec				
Thermostat Schedule: HERS 2006 Reference Hours															
Schedule Type		1	2	3	4	5	6	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		
MASS															
Mass Type		Area		Thickness		Furniture Fraction		Space							
Default(8 lbs/sq.ft.		0 ft²		0 ft		0.3		Bed 2 Unit 1							
Default(8 lbs/sq.ft.		ft²		ft		0.3		WIC2 Unit1							
Default(8 lbs/sq.ft.		ft²		ft		0.3		Bath2 Unit1							
Default(8 lbs/sq.ft.		ft²		ft		0.3		Laundry Unit1							
Default(8 lbs/sq.ft.		ft²		ft		0.3		Bath1 Unit1							
Default(8 lbs/sq.ft.		ft²		ft		0.3		WIC1 Unit1							
Default(8 lbs/sq.ft.		ft²		ft		0.3		Bed 1 Unit 1							
Default(8 lbs/sq.ft.		ft²		ft		0.3		Living Unit 1							
Default(8 lbs/sq.ft.		ft²		ft		0.3		Dining Unit 1							
Default(8 lbs/sq.ft.		ft²		ft		0.3		Kitchen Unit 1							

ENERGY PERFORMANCE LEVEL (EPL) ALTERNATIVE DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 94

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

Route 41, Lake City, FL, 32024

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	780.00 ft ²
3. Number of units, if multiple family	1	b. N/A	R=	ft ²
4. Number of Bedrooms	2	c. N/A	R=	ft ²
5. Is this a worst case?	No	d. N/A		
6. Conditioned floor area (ft ²)	916	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	916.00 ft ²
a. U-Factor:	Dbl, U=0.47	b. N/A	R=	ft ²
SHGC:	SHGC=0.31	c. N/A	R=	ft ²
b. U-Factor:	Dbl, U=0.45	11. Ducts		R ft ²
SHGC:	SHGC=0.36	a. Sup: Attic, Ret: Attic, AH: Attic		6 96
c. U-Factor:	N/A			
SHGC:		12. Cooling systems	kBtu/hr	Efficiency
d. U-Factor:	N/A	a. Central Unit	22.0	SEER:14.00
SHGC:				
Area Weighted Average Overhang Depth:	2.640 ft.	13. Heating systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.316	a. Electric Heat Pump	22.0	HSPF:8.20
8. Floor Types	Insulation	Area		
a. Slab-On-Grade Edge Insulation	R=0.0	14. Hot water systems		Cap: 1 gallons
b. N/A	R=	a. Electric		EF: 0.99
c. N/A	R=	b. Conservation features		
		None		
		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. Email EnergyGauge tech support at techsupport@energygauge.com 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 R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.