

Project Name: Knoll Residence Street: City, State, Zip: Lake City, FL, Owner: Design Location: FL, Gainesville	Builder Name: Permit Office: Permit Number: Jurisdiction: County: Columbia(Florida Climate Zone 2)
---	---

<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>4</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>3155</td> <td></td> </tr> <tr> <td>Conditioned floor area below grade (ft²)</td> <td>0</td> <td></td> </tr> <tr> <td>7. Windows(300.0 sqft.)</td> <td>Description</td> <td>Area</td> </tr> <tr> <td>a. U-Factor:</td> <td>Dbl, U=0.26</td> <td>300.00 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 colspan="2">Area Weighted Average Overhang Depth:</td> <td>3.687 ft</td> </tr> <tr> <td colspan="2">Area Weighted Average SHGC:</td> <td>0.200</td> </tr> <tr> <td>8. Skylights</td> <td>Description</td> <td>Area</td> </tr> <tr> <td>U-Factor:(AVG)</td> <td>N/A</td> <td>N/A ft²</td> </tr> <tr> <td>SHGC(AVG):</td> <td>N/A</td> <td></td> </tr> <tr> <td>9. Floor Types</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td>a. Slab-On-Grade Edge Insulation</td> <td>R= 0.0</td> <td>2718.00 ft²</td> </tr> <tr> <td>b. Floor over Garage</td> <td>R= 0.0</td> <td>437.00 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	4		5. Is this a worst case?	No		6. Conditioned floor area above grade (ft ²)	3155		Conditioned floor area below grade (ft ²)	0		7. Windows(300.0 sqft.)	Description	Area	a. U-Factor:	Dbl, U=0.26	300.00 ft ²	SHGC:	SHGC=0.20		b. U-Factor:	N/A	ft ²	SHGC:			c. U-Factor:	N/A	ft ²	SHGC:			Area Weighted Average Overhang Depth:		3.687 ft	Area Weighted Average SHGC:		0.200	8. Skylights	Description	Area	U-Factor:(AVG)	N/A	N/A ft ²	SHGC(AVG):	N/A		9. Floor Types	Insulation	Area	a. Slab-On-Grade Edge Insulation	R= 0.0	2718.00 ft ²	b. Floor over Garage	R= 0.0	437.00 ft ²	c. N/A	R=	ft ²	<table style="width: 100%;"> <tr> <td style="width: 30%;">10. Wall Types(3320.6 sqft.)</td> <td style="width: 30%;">Insulation</td> <td style="width: 40%;">Area</td> </tr> <tr> <td>a. Frame - Wood, Exterior</td> <td>R=13.0</td> <td>3152.60 ft²</td> </tr> <tr> <td>b. Frame - Wood, Adjacent</td> <td>R=13.0</td> <td>168.00 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(3155.0 sqft.)</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td>a. Roof Deck (Unvented)</td> <td>R=0.0</td> <td>2718.00 ft²</td> </tr> <tr> <td>b. Cathedral/Single Assembly (Unvented)</td> <td>R=0.0</td> <td>437.00 ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>12. Ducts, location & insulation level</td> <td>R</td> <td>ft²</td> </tr> <tr> <td>a. a. Sup: Main, Ret: Main, AH: Garage</td> <td>6</td> <td>543.6</td> </tr> <tr> <td>b.</td> <td></td> <td></td> </tr> <tr> <td>c.</td> <td></td> <td></td> </tr> <tr> <td>13. Cooling Systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td>a. Central Unit</td> <td>60.0</td> <td>SEER:15.00</td> </tr> <tr> <td>14. Heating Systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td>a. Electric Heat Pump</td> <td>60.0</td> <td>HSPF:8.50</td> </tr> <tr> <td>15. Hot Water Systems</td> <td></td> <td></td> </tr> <tr> <td>a. ElectricTankless</td> <td></td> <td>Cap: 1 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></td> <td></td> <td>None</td> </tr> <tr> <td>16. Credits</td> <td></td> <td>Pstat</td> </tr> </table>	10. Wall Types(3320.6 sqft.)	Insulation	Area	a. Frame - Wood, Exterior	R=13.0	3152.60 ft ²	b. Frame - Wood, Adjacent	R=13.0	168.00 ft ²	c. N/A	R=	ft ²	d. N/A	R=	ft ²	11. Ceiling Types(3155.0 sqft.)	Insulation	Area	a. Roof Deck (Unvented)	R=0.0	2718.00 ft ²	b. Cathedral/Single Assembly (Unvented)	R=0.0	437.00 ft ²	c. N/A	R=	ft ²	12. Ducts, location & insulation level	R	ft ²	a. a. Sup: Main, Ret: Main, AH: Garage	6	543.6	b.			c.			13. Cooling Systems	kBtu/hr	Efficiency	a. Central Unit	60.0	SEER:15.00	14. Heating Systems	kBtu/hr	Efficiency	a. Electric Heat Pump	60.0	HSPF:8.50	15. Hot Water Systems			a. ElectricTankless		Cap: 1 gallons			EF: 0.920	b. Conservation features					None	16. Credits		Pstat
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	4																																																																																																																																										
5. Is this a worst case?	No																																																																																																																																										
6. Conditioned floor area above grade (ft ²)	3155																																																																																																																																										
Conditioned floor area below grade (ft ²)	0																																																																																																																																										
7. Windows(300.0 sqft.)	Description	Area																																																																																																																																									
a. U-Factor:	Dbl, U=0.26	300.00 ft ²																																																																																																																																									
SHGC:	SHGC=0.20																																																																																																																																										
b. U-Factor:	N/A	ft ²																																																																																																																																									
SHGC:																																																																																																																																											
c. U-Factor:	N/A	ft ²																																																																																																																																									
SHGC:																																																																																																																																											
Area Weighted Average Overhang Depth:		3.687 ft																																																																																																																																									
Area Weighted Average SHGC:		0.200																																																																																																																																									
8. Skylights	Description	Area																																																																																																																																									
U-Factor:(AVG)	N/A	N/A ft ²																																																																																																																																									
SHGC(AVG):	N/A																																																																																																																																										
9. Floor Types	Insulation	Area																																																																																																																																									
a. Slab-On-Grade Edge Insulation	R= 0.0	2718.00 ft ²																																																																																																																																									
b. Floor over Garage	R= 0.0	437.00 ft ²																																																																																																																																									
c. N/A	R=	ft ²																																																																																																																																									
10. Wall Types(3320.6 sqft.)	Insulation	Area																																																																																																																																									
a. Frame - Wood, Exterior	R=13.0	3152.60 ft ²																																																																																																																																									
b. Frame - Wood, Adjacent	R=13.0	168.00 ft ²																																																																																																																																									
c. N/A	R=	ft ²																																																																																																																																									
d. N/A	R=	ft ²																																																																																																																																									
11. Ceiling Types(3155.0 sqft.)	Insulation	Area																																																																																																																																									
a. Roof Deck (Unvented)	R=0.0	2718.00 ft ²																																																																																																																																									
b. Cathedral/Single Assembly (Unvented)	R=0.0	437.00 ft ²																																																																																																																																									
c. N/A	R=	ft ²																																																																																																																																									
12. Ducts, location & insulation level	R	ft ²																																																																																																																																									
a. a. Sup: Main, Ret: Main, AH: Garage	6	543.6																																																																																																																																									
b.																																																																																																																																											
c.																																																																																																																																											
13. Cooling Systems	kBtu/hr	Efficiency																																																																																																																																									
a. Central Unit	60.0	SEER:15.00																																																																																																																																									
14. Heating Systems	kBtu/hr	Efficiency																																																																																																																																									
a. Electric Heat Pump	60.0	HSPF:8.50																																																																																																																																									
15. Hot Water Systems																																																																																																																																											
a. ElectricTankless		Cap: 1 gallons																																																																																																																																									
		EF: 0.920																																																																																																																																									
b. Conservation features																																																																																																																																											
		None																																																																																																																																									
16. Credits		Pstat																																																																																																																																									

Glass/Floor Area: 0.095	Total Proposed Modified Loads: 72.54	
	Total Baseline Loads: 78.25	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: _____ DATE: 10-10-22 _____ 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: _____
---	---

10/10/2022 9:54:47 AM EnergyGauge® USA 7.0.00 - FlaRes2020 FBC 7th Edition (2020) Compliant Software Page 1

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Knoll Residence	Bedrooms:	4	Address type:	Lot
Building Type:	User	Conditioned Area:	3155	Lot #:	
Owner:		Total Stories:	1	Block/SubDivision:	
Builder Name:		Worst Case:	No	PlatBook:	The Oaks S/D
Permit Office:		Rotate Angle:	0	Street:	
Jurisdiction:		Cross Ventilation:		County:	Columbia
Family Type:	Detached	Whole House Fan:		City, State, Zip:	Lake City, FL,
New/Existing:	New (From Plans)	Terrain:	Rural		
Year Construct:	2022	Shielding:	Moderate/Rural		
Comment:					

CLIMATE

✓ Design Location	Tmy Site	Design Temp 97.5%	2.5%	Int Design Temp Winter	Summer	Heating Degree Days	Design Moisture	Daily temp Range
___ FL, Gainesville	FL_GAINESVILLE_REGIONA	32	92	70	75	1305.5	51	Medium

BLOCKS

✓ Number	Name	Area	Volume
___ 1	Block1	3155	27958

SPACES

✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___ 1	Main	2718	24462	Yes	8	4	Yes	Yes	Yes
___ 2	bonus Room	437	3496	No	0	0	Yes	Yes	Yes

FLOORS

(Total Exposed Area = 3155 sq.ft.)

✓ #	Floor Type	Space	Exposed Perim	Perimeter R-Value	Area	U-Factor	Joist R-Value	Tile	Wood	Carpet
___ 1	Slab-On-Grade Edge Ins	Main	314	0	2718 ft	0.563	---	0.20	0.60	0.20
___ 2	Floor over Garage	bonus Room	---	---	437 ft	0.173	0	0.00	0.00	1.00

ROOF

✓ #	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
___ 1	Hip	Composition shingles	3792 ft²	0 ft²	Medium	N	0.85	No	0.9	No	0	33.69

ATTIC

✓ #	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___ 1	No attic	Unvented	0	3155 ft²	N	N

INPUT SUMMARY CHECKLIST REPORT

CEILING														(Total Exposed Area = 3155 sq.ft.)	
✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type							
___ 1	Under Attic(Unvented)	Main	30.0	Blown	2718.0ft²	0.053	0.11	Wood							
___ 2	Cathedral/Single Assembly(Unvented)	bonus Room	30.0	Blown	437.0ft²	0.060	0.11	Wood							

WALLS														(Total Exposed Area = 3321 sq.ft.)	
✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area sq.ft.	U-Factor	Sheath R-Value	Frm. Frac.	Solar Absor.	Below Grade
___ 1	N	Exterior	Frame - Wood	Main	13.0	12.0	0	9.0	0	108.0	0.087	0.625	0.23	0.75	0 %
___ 2	E	Exterior	Frame - Wood	Main	13.0	7.0	11	9.0	0	71.3	0.087	0.625	0.23	0.75	0 %
___ 3	NE	Exterior	Frame - Wood	Main	13.0	7.0	2	9.0	0	64.5	0.087	0.625	0.23	0.75	0 %
___ 4	N	Exterior	Frame - Wood	Main	13.0	9.0	11	10.0	0	99.2	0.087	0.625	0.23	0.75	0 %
___ 5	E	Exterior	Frame - Wood	Main	13.0	9.0	4	10.0	0	93.3	0.087	0.625	0.23	0.75	0 %
___ 6	N	Exterior	Frame - Wood	Main	13.0	23.0	6	10.0	0	235.0	0.087	0.625	0.23	0.75	0 %
___ 7	W	Exterior	Frame - Wood	Main	13.0	11.0	4	9.0	0	102.0	0.087	0.625	0.23	0.75	0 %
___ 8	N	Exterior	Frame - Wood	Main	13.0	13.0	8	9.0	0	123.0	0.087	0.625	0.23	0.75	0 %
___ 9	E	Exterior	Frame - Wood	Main	13.0	15.0	2	9.0	0	136.5	0.087	0.625	0.23	0.75	0 %
___ 10	N	Exterior	Frame - Wood	Main	13.0	2.0	0	9.0	0	18.0	0.087	0.625	0.23	0.75	0 %
___ 11	E	Exterior	Frame - Wood	Main	13.0	16.0	8	9.0	0	150.0	0.087	0.625	0.23	0.75	0 %
___ 12	S	Exterior	Frame - Wood	Main	13.0	2.0	0	9.0	0	18.0	0.087	0.625	0.23	0.75	0 %
___ 13	E	Exterior	Frame - Wood	Main	13.0	11.0	4	10.0	0	113.3	0.087	0.625	0.23	0.75	0 %
___ 14	N	Exterior	Frame - Wood	Main	13.0	4.0	1	9.0	0	36.8	0.087	0.625	0.23	0.75	0 %
___ 15	SW	Garage	Frame - Wood	Main	13.0	18.0	8	9.0	0	168.0	0.087	0.625	0.23	0.75	0 %
___ 16	SW	Exterior	Frame - Wood	Main	13.0	9.0	8	9.0	0	87.0	0.087	0.625	0.23	0.75	0 %
___ 17	W	Exterior	Frame - Wood	Main	13.0	15.0	9	9.0	0	141.8	0.087	0.625	0.23	0.75	0 %
___ 18	S	Exterior	Frame - Wood	Main	13.0	32.0	0	10.0	0	320.0	0.087	0.625	0.23	0.75	0 %
___ 19	E	Exterior	Frame - Wood	Main	13.0	14.0	2	9.0	0	127.5	0.087	0.625	0.23	0.75	0 %
___ 20	S	Exterior	Frame - Wood	Main	13.0	12.0	8	9.0	0	114.0	0.087	0.625	0.23	0.75	0 %
___ 21	W	Exterior	Frame - Wood	Main	13.0	35.0	8	9.0	0	321.0	0.087	0.625	0.23	0.75	0 %
___ 22	S	Exterior	Frame - Wood	Main	13.0	2.0	0	9.0	0	18.0	0.087	0.625	0.23	0.75	0 %
___ 23	W	Exterior	Frame - Wood	Main	13.0	26.0	6	9.0	0	238.5	0.087	0.625	0.23	0.75	0 %
___ 24	NW	Exterior	Frame - Wood	bonus Room	13.0	8.0	0	8.0	0	64.0	0.094		0.23	0.75	0 %
___ 25	NE	Exterior	Frame - Wood	bonus Room	13.0	5.0	4	8.0	0	42.7	0.094		0.23	0.75	0 %
___ 26	SE	Exterior	Frame - Wood	bonus Room	13.0	8.0	0	8.0	0	64.0	0.094		0.23	0.75	0 %
___ 27	SE	Exterior	Frame - Wood	bonus Room	13.0	9.0	4	8.0	0	74.7	0.094		0.23	0.75	0 %
___ 28	SE	Exterior	Frame - Wood	bonus Room	13.0	8.0	0	8.0	0	64.0	0.094		0.23	0.75	0 %
___ 29	SW	Exterior	Frame - Wood	bonus Room	13.0	5.0	4	8.0	0	42.7	0.094		0.23	0.75	0 %
___ 30	NW	Exterior	Frame - Wood	bonus Room	13.0	8.0	0	8.0	0	64.0	0.094		0.23	0.75	0 %

DOORS														(Total Exposed Area = 357 sq.ft.)	
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area				
___ 1	NE	Exterior	Insulated	Main	None	0.40	3.00	0	8.00	0	24.0ft²				
___ 2	N	Exterior	Insulated	Main	None	0.40	9.00	0	8.00	0	72.0ft²				
___ 3	E	Exterior	Insulated	Main	None	0.40	9.00	0	8.00	0	72.0ft²				
___ 4	N	Exterior	Insulated	Main	None	0.40	9.00	0	8.00	0	72.0ft²				
___ 5	N	Exterior	Insulated	Main	None	0.40	2.00	8	8.00	0	21.3ft²				
___ 6	E	Exterior	Insulated	Main	None	0.40	3.00	0	8.00	0	24.0ft²				
___ 7	SW	Garage	Insulated	Main	None	0.40	3.00	0	8.00	0	24.0ft²				
___ 8	S	Exterior	Insulated	Main	None	0.40	6.00	0	8.00	0	48.0ft²				

INPUT SUMMARY CHECKLIST REPORT

WINDOWS														(Total Exposed Area = 300 sq.ft.)	
✓ #	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Storm	Area	----Overhang----		Interior Shade	Screening	
											Depth	Separation			
___ 1	N	1	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	30.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 2	N	6	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	16.0ft²	16.0 ft 6 in	2.0 ft 4 in	None	None	
___ 3	N	8	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	30.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 4	E	9	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	20.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 5	E	11	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	20.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 6	SW	16	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	12.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 7	S	18	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	16.0ft²	9.0 ft 6 in	2.0 ft 4 in	None	None	
___ 8	S	18	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	36.0ft²	9.0 ft 6 in	2.0 ft 4 in	None	None	
___ 9	S	20	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	20.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 10	W	21	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	30.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 11	W	23	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	6.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 12	W	23	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	10.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 13	W	23	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	9.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 14	NE	25	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	15.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 15	SE	27	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	15.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	
___ 16	SW	29	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	15.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None	

INFILTRATION									
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)
___ 1	Wholehouse	Proposed ACH(50)	0.00028	2330	127.82	239.97	0.1021	5.0	All

GARAGE					
✓ #	Floor Area	Roof Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
___ 1	1064 ft²	1064 ft²	113 ft	9 ft	1

MASS					
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Main
___ 2	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	bonus Room

HEATING SYSTEM										
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	----Geothermal HeatPump----			Ducts	Block
						Entry	Power	Volt	Current	
___ 1	Electric Heat Pump	None/Single		HSPF: 8.50	60.0		0.00	0.00	0.00	sys#1 1

COOLING SYSTEM									
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
___ 1	Central Unit	None/Single		SEER:15.0	60.0	1800	0.85	sys#1	1

INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length
___ 1	Electric	Tankless	Exterior	0.92 (0.92)	1.00 gal	70 gal	120 deg	Standard	None	99
	Recirculation System	Recirc Control Type	Loop length	Branch length	Pump power	DWHR	Facilities Connected	Equal Flow	DWHR Eff	Other Credits
___ 1	No		NA	NA	NA	No	NA	NA	NA	None

DUCTS

✓ Duct #	-----Supply----- Location	R-Value	Area	-----Return----- Location	R-Value	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN	RLF	HVAC # Heat Cool
___ 1	Main	6.0	544 ft²	Main	6.0	136 ft²	Prop. Leak Free	Garage	---	---	0.03	0.50	1 1

TEMPERATURES

Programable Thermostat: Y					Ceiling Fans: N									
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	1	2	3	4	5	6	7	8	9	10	11	12	
	___ Cooling (WD)	AM PM	78 80	78 80	78 80	78 80	78 78	78 78	78 78	78 78	80 78	80 78	80 78	80 78
	___ Cooling (WEH)	AM PM	78 80	78 80	78 80	78 80	78 78	78 78	78 78	78 78	80 78	80 78	80 78	80 78
	___ Heating (WD)	AM PM	65 68	65 68	65 68	65 68	65 68	65 68	65 68	68 68	68 68	68 68	68 68	68 68
	___ Heating (WEH)	AM PM	65 68	65 68	65 68	65 68	65 68	65 68	65 68	68 68	68 68	68 68	68 68	68 68

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 93

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

,Lake City,FL,

1. New construction or existing	New (From Plans)	10. Wall Types(3320.6 sqft.)	Insulation	Area
2. Single family or multiple family	Detached	a. Frame - Wood, Exterior	R=13.0	3152.60 ft ²
3. Number of units, if multiple family	1	b. Frame - Wood, Adjacent	R=13.0	168.00 ft ²
4. Number of Bedrooms	4	c. N/A	R=	ft ²
5. Is this a worst case?	No	d. N/A	R=	ft ²
6. Conditioned floor area above grade (ft ²)	3155	11. Ceiling Types(3155.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Roof Deck (Unvented)	R=0.0	2718.00 ft ²
7. Windows**	Description	b. Cathedral/Single Assembly (Unvented)	R=0.0	437.00 ft ²
a. U-Factor:	Dbl, U=0.26	c. N/A	R=	ft ²
SHGC:	SHGC=0.20	12. Ducts, location & insulation level	R	ft ²
b. U-Factor:	N/A	a. a. Sup: Main, Ret: Main, AH: Garage	6	543.6
SHGC:		b.		
c. U-Factor:	N/A	c.		
SHGC:		13. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average Overhang Depth:	3.687 ft	a. Central Unit	60.0	SEER:15.00
Area Weighted Average SHGC:	0.200	14. Heating Systems	kBtu/hr	Efficiency
8. Skylights	Description	a. Electric Heat Pump	60.0	HSPF:8.50
U-Factor:(AVG)	N/A			
SHGC(AVG):	N/A	15. Hot Water Systems		
9. Floor Types	Insulation	a. ElectricTankless		Cap: 1 gallons
a. Slab-On-Grade Edge Insulation	R= 0.0			EF: 0.920
b. Floor over Garage	R= 0.0	b. Conservation features		
c. N/A	R=			None
		16. Credits		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: 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.