

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

1. New construction or existing	New (From Plans)	10. Wall Types(2485.5 sqft.)	Insulation	Area
2. Single family or multiple family	Detached	a. Frame - Wood, Exterior	R=13.0	2068.50 ft ²
3. Number of units, if multiple family	1	b. Frame - Wood, Adjacent	R=13.0	417.00 ft ²
4. Number of Bedrooms	4	c. N/A		
5. Is this a worst case?	No	d. N/A		
6. Conditioned floor area above grade (ft ²)	2212	11. Ceiling Types(2212.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Single assembly, no ai (Unvented)	R=30.0	2212.00 ft ²
7. Windows(317.2 sqft.)	Description	b. N/A		
a. U-Factor:	Dbl, U=0.26	c. N/A		
SHGC:	SHGC=0.20	12. Roof(Comp. Shingles, Unvent) Deck	R=30.0	2561 ft ²
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft ²
SHGC:		a. Sup: Main, Ret: Main, AH: Garage	6	442
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	1.500 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.200	a. Central Unit	48.0	SEER2:14.80
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Heat Pump	48.0	HSPF2:7.50
SHGC(AVG):	N/A	16. Hot Water Systems		
9. Floor Types	Insulation	a. Electric	Cap: 50 gallons	
a. Slab-On-Grade Edge Insulation	R= 0.0		EF: 0.920	
b. N/A	R=	b. Conservation features		
c. N/A	R=			
		17. Credits		None
				CF, Pstat

PASS

DATE:

- Page 1

Page 2

INPUT SUMMARY CHECKLIST REPORT

WALLS															(Total Exposed Area = 2486 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	20.0	0	9.0	0	180.0	0.094		0.23	0.75	0 %				
___ 2	E	Exterior	Frame - Wood	Main	13.0	12.0	4	9.0	0	111.0	0.094		0.23	0.75	0 %				
___ 3	N	Exterior	Frame - Wood	Main	13.0	27.0	4	10.0	0	273.3	0.094		0.23	0.75	0 %				
___ 4	W	Exterior	Frame - Wood	Main	13.0	19.0	10	9.0	0	178.5	0.094		0.23	0.75	0 %				
___ 5	N	Exterior	Frame - Wood	Main	13.0	21.0	8	9.0	0	195.0	0.094		0.23	0.75	0 %				
___ 6	E	Exterior	Frame - Wood	Main	13.0	27.0	4	9.0	0	246.0	0.094		0.23	0.75	0 %				
___ 7	S	Garage	Frame - Wood	Main	13.0	46.0	4	9.0	0	417.0	0.094		0.23	0.75	0 %				
___ 8	S	Exterior	Frame - Wood	Main	13.0	20.0	10	10.0	0	208.3	0.094		0.23	0.75	0 %				
___ 9	W	Exterior	Frame - Wood	Main	13.0	2.0	0	10.0	0	20.0	0.094		0.23	0.75	0 %				
___ 10	S	Exterior	Frame - Wood	Main	13.0	8.0	4	10.0	0	83.3	0.094		0.23	0.75	0 %				
___ 11	E	Exterior	Frame - Wood	Main	13.0	2.0	0	9.0	0	18.0	0.094		0.23	0.75	0 %				
___ 12	S	Exterior	Frame - Wood	Main	13.0	12.0	0	9.0	0	108.0	0.094		0.23	0.75	0 %				
___ 13	W	Exterior	Frame - Wood	Main	13.0	11.0	6	9.0	0	103.5	0.094		0.23	0.75	0 %				
___ 14	S	Exterior	Frame - Wood	Main	13.0	6.0	6	9.0	0	58.5	0.094		0.23	0.75	0 %				
___ 15	W	Exterior	Frame - Wood	Main	13.0	31.0	8	9.0	0	285.0	0.094		0.23	0.75	0 %				

DOORS												(Total Exposed Area = 140 sq.ft.)		
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area			
___ 1	E	Exterior	Insulated	Main	None	0.40	3.00	0	8.00	0	24.0ft²			
___ 2	N	Exterior	Insulated	Main	None	0.40	5.00	0	8.00	0	40.0ft²			
___ 3	W	Exterior	Insulated	Main	None	0.40	3.00	0	8.00	0	24.0ft²			
___ 4	S	Garage	Insulated	Main	None	0.40	3.00	0	8.00	0	24.0ft²			
___ 5	S	Exterior	Insulated	Main	None	0.40	3.00	6	8.00	0	28.0ft²			

WINDOWS															(Total Exposed Area = 317 sq.ft.)		
✓ #	Ornt	Wall ID	Frame	Panes	NFRC U-Factor	SHGC	Imp	Storm	Total Area (ft²)	Same Units	Width (ft)	Height (ft)	--Overhang-- Depth (ft)	Sep. (ft)	Interior Shade	Screen	
___ 1	N	1	Vinyl	Low-E Double	Y	0.26	0.20	N	N	36.0	2	3.00	6.00	1.5	2.3	None	None
___ 2	N	3	Vinyl	Low-E Double	Y	0.26	0.20	N	N	54.0	3	3.00	6.00	1.5	2.3	None	None
___ 3	N	3	Vinyl	Low-E Double	Y	0.26	0.20	N	N	16.0	2	2.00	4.00	1.5	2.3	None	None
___ 4	N	3	Vinyl	Low-E Double	Y	0.26	0.20	N	N	16.7	2	1.67	5.00	1.5	2.3	None	None
___ 5	W	4	Vinyl	Low-E Double	Y	0.26	0.20	N	N	18.0	1	3.00	6.00	1.5	2.3	None	None
___ 6	N	5	Vinyl	Low-E Double	Y	0.26	0.20	N	N	36.0	3	2.00	6.00	1.5	2.3	None	None
___ 7	E	6	Vinyl	Low-E Double	Y	0.26	0.20	N	N	20.0	2	2.00	5.00	1.5	2.3	None	None
___ 8	E	6	Vinyl	Low-E Double	Y	0.26	0.20	N	N	8.0	1	2.00	4.00	1.5	2.3	None	None
___ 9	E	6	Vinyl	Low-E Double	Y	0.26	0.20	N	N	6.0	2	3.00	1.00	1.5	2.3	None	None
___ 10	S	8	Vinyl	Low-E Double	Y	0.26	0.20	N	N	12.0	1	2.00	6.00	1.5	2.3	None	None
___ 11	S	8	Vinyl	Low-E Double	Y	0.26	0.20	N	N	36.0	2	3.00	6.00	1.5	2.3	None	None
___ 12	S	12	Vinyl	Low-E Double	Y	0.26	0.20	N	N	36.0	2	3.00	6.00	1.5	2.3	None	None
___ 13	W	15	Vinyl	Low-E Double	Y	0.26	0.20	N	N	18.0	1	3.00	6.00	1.5	2.3	None	None
___ 14	W	15	Vinyl	Low-E Double	Y	0.26	0.20	N	N	4.5	1	3.00	1.50	1.5	2.3	None	None

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00027	1569	86.10	161.65	0.0972	4.7	All	19908 cu ft

INPUT SUMMARY CHECKLIST REPORT

GARAGE													
✓ #	Floor Area	Roof Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation								
___ 1	519 ft²	519 ft²	64 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								
HEATING SYSTEM													
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	----Geothermal Entry	Heat Pump Power	----	Volt	Current	Ducts	Block	
___ 1	Electric Heat Pump	None/Single		HSPF2: 7.50	48.0		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		SEER2:14.8	48.0	1440	0.85	sys#1	1				
HOT WATER SYSTEM													
✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length			
___ 1	Electric	None	Garage	0.92 (0.92)	50.00 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 #	Location	-----Supply----- R-Value	Area	Location	-----Return----- R-Value	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN	RLF	HVAC # Heat Cool
___ 1	Main	6.0	442 ft²	Main	6.0	111 ft²	Default Leakage	Garage	(Default)	(Default)			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	Hours 7	8	9	10	11	12
___	Cooling (WD)	AM 80	78 80	78 80	78 80	78 80	78 80	78 80	78 80	78 80	80 78	80 78	80 78
___	Cooling (WEH)	AM 80	78 80	78 80	78 80	78 80	78 80	78 80	78 80	78 80	80 78	80 78	80 78

INPUT SUMMARY CHECKLIST REPORT

TEMPERATURES(Continued)

___ Heating (WD)	AM	65	65	65	65	65	65	65	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
___ Heating (WEH)	AM	65	65	65	65	65	65	65	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 78

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

„FL,

1. New construction or existing	New (From Plans)	10. Wall Types(2485.5 sqft.)	Insulation	Area
2. Single family or multiple family	Detached	a. Frame - Wood, Exterior	R=13.0	2068.50 ft ²
3. Number of units, if multiple family	1	b. Frame - Wood, Adjacent	R=13.0	417.00 ft ²
4. Number of Bedrooms	4	c. N/A		
5. Is this a worst case?	No	d. N/A		
6. Conditioned floor area above grade (ft ²)	2212	11. Ceiling Types(2212.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Single assembly, no ai (Unvented)	R=30.0	2212.00 ft ²
7. Windows**	Description	b. N/A		
a. U-Factor:	Dbl, U=0.26	c. N/A		
SHGC:	SHGC=0.20	12. Roof(Comp. Shingles, Unvent) Deck	R=30.0	2561 ft ²
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft ²
SHGC:		a. Sup: Main, Ret: Main, AH: Garage	6	442
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	1.500 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.200	a. Central Unit	48.0	SEER2:14.80
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Heat Pump	48.0	HSPF2:7.50
SHGC(AVG):	N/A			
9. Floor Types	Insulation	16. Hot Water Systems		
a. Slab-On-Grade Edge Insulation	R= 0.0	a. Electric		Cap: 50 gallons
b. N/A	R=			EF: 0.920
c. N/A	R=	b. Conservation features		
				None
		17. 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: „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.