FORM 405-10

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	DECKER	Builder Name:	DON REED CONSTRUCTION
Street:	468 NW HACKNEY TERRACE	Permit Office:	COLUMBIA COUNTY
City, State, Zip:	LAKE CITY , FL , 32055-	Permit Number:	
Owner:	DENNILLE AND A.J. DECKER	Jurisdiction:	
Design Location:	FL, Gainesville		

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	5		
5. Is this a worst case?	No		
6. Conditioned floor area above grade (ft²)	4019		
Conditioned floor area below grade (ft²)	0		
7. Windows(558.4 sqft.)	Description		Area
a. U-Factor:	Dbl, U=0.69		558.44 ft²
SHGC:	SHGC=0.23		
b. U-Factor:	N/A		ft²
SHGC:			
c. U-Factor:	N/A		ft²
SHGC:			
d. U-Factor:	N/A		ft²
SHGC:			
Area Weighted Average Overhang Depth:			1.333 ft.
Area Weighted Average SHGC:			0.230
8. Floor Types (4019.0 sqft.)		Insulation	Area
a. Slab-On-Grade Edge Insulation		R=0.0	2357.00 ft²
b. Floor Over Other Space		R=0.0	1662.00 ft²
c. N/A		R=	ft²

9. Wall Types (4228.3 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	3798.30 ft²
b. Frame - Wood, Adjacent	R=13.0	430.00 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²
10. Ceiling Types (4019.0 sqft.)	Insulation	Area
a. Roof Deck (Vented)	R=19.8	4019.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
11. Ducts		R ft²
a. Sup: Attic, Ret: Attic, AH: RoomsInBlock1		6 803.8
b. Sup: Attic, Ret: Attic, AH: RoomsInBlock1		6 300
12. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	60.0	SEER:13.00
b. Central Unit	48.0	SEER:13.00
13. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	60.0	HSPF:8.00
b. Electric Heat Pump	48.0	HSPF:8.50
14. Hot water systems		
a. Electric		Cap: 50 gallons EF: 0.920
b. Conservation features		
None		
15. Credits		Pstat

Glass/Floor Area: 0.139

Total Proposed Modified Loads: 63.13
Total Standard Reference Loads: 83.46

PASS

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

PREPARED BY: SUNCOAST INSULATORS Ocala (352) 629-0157 Newberry (352) 472-8595 Crystal River (352) 795-2559 Daytona (386) 343-7999
DATE: 4-8-2013

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

OWNER/AGENT: Don Reed
DATE: 4-9-13

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: _____

GREAT SEAL OF THE STATE OF FLORIDA * IN GOD WE TRUST *

- **Compliance requires completion of a Florida Air Barrier and Insulation Inspection Checklist**

COLUMBIA COUNTY BUILDING DEPARTMENT Received for FILE COPY Code Compliance PLANS EXAMINER

PROJECT

Title:	DECKER	Bedrooms:	5	Address Type:	Street Address
Building Type:	FLProp2010	Conditioned Area:	4019	Lot #	
Owner:	DENNILLE AND A.J. DECKE	Total Stories:	2	Block/SubDivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	DON REED CONSTRUCTIO	Rotate Angle:	0	Street:	468 NW HACKNEY TE
Permit Office:	COLUMBIA COUNTY	Cross Ventilation:		County:	COLUMBIA
Jurisdiction:		Whole House Fan:		City, State, Zip:	LAKE CITY , FL , 32055-
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	2357	23570
2	Block2	1662	14958

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	RoomsInBlock1	2357	23570	Yes	2.93232147	1	1	Yes	Yes	Yes
2	RoomsInBlock2	1662	14958	No	2.06767852	4	2	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
	1	Slab-On-Grade Edge Insulatio	RoomsInBlock1	234.8 ft	0	2357 ft²	---	0	0	1
	2	Floor Over Other Space	RoomsInBlock2	---	---	1662 ft²	0	0	0	1

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
	1	Hip	Composition shingles	4495 ft²	0 ft²	Medium	0.96	No	0.9	No	19.8	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
	1	Full attic	Vented	0	4019 ft²	N	N

CEILING

√	#	Ceiling Type	Space	R-Value	Area	Framing Frac	Truss Type
	1	Under Attic (Vented)	RoomsInBlock1	19.8	2357 ft²	0.11	Wood
	2	Under Attic (Vented)	RoomsInBlock2	19.8	1662 ft²	0.11	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
	1	E	Exterior	Frame - Wood	RoomsInBloc	13	65.8		10		658 ft²		0	0.75	0
	2	W	Exterior	Frame - Wood	RoomsInBloc	13	57		10		570 ft²		0	0.75	0
	3	S	Exterior	Frame - Wood	RoomsInBloc	13	9		10		90 ft²		0	0.75	0
	4	N	Exterior	Frame - Wood	RoomsInBloc	13	50		10		500 ft²		0	0.75	0
	5	S	Garage	Frame - Wood	RoomsInBloc	13	43		10		430 ft²		0	0.01	0
	6	NW	Exterior	Frame - Wood	RoomsInBloc	13	5		10		50 ft²		0	0.75	0
	7	SW	Exterior	Frame - Wood	RoomsInBloc	13	5		10		50 ft²		0	0.75	0
	8	E	Exterior	Frame - Wood	RoomsInBloc	13	49	4	9		444 ft²		0	0.75	0
	9	W	Exterior	Frame - Wood	RoomsInBloc	13	49	4	9		444 ft²		0	0.75	0
	10	S	Exterior	Frame - Wood	RoomsInBloc	13	49	8	9		447 ft²		0	0.75	0
	11	N	Exterior	Frame - Wood	RoomsInBloc	13	60	7	9		545.25 ft²		0	0.75	0

DOORS

√	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
	1	E	Wood	RoomsInBloc	None	0.460000	2	8	6	8	17.77777
	2	E	Wood	RoomsInBloc	None	0.460000	2	8	6	8	17.77777
	3	W	Wood	RoomsInBloc	None	0.460000	2	8	6	8	20 ft²
	4	W	Wood	RoomsInBloc	None	0.460000	2	8	6	8	24 ft²
	5	W	Wood	RoomsInBloc	None	0.460000	2	8	6	8	24 ft²
	6	W	Wood	RoomsInBloc	None	0.460000	2	8	6	8	24 ft²
	7	W	Wood	RoomsInBloc	None	0.460000	2	8	6	8	24 ft²
	8	S	Wood	RoomsInBloc	None	0.460000	2	8	6	8	17.77777

WINDOWS

Orientation shown is the entered, Proposed orientation

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
	1	E	1	TIM	Double (Clear)	Yes	0.59	0.23	N	13.33333	1 ft 4 in	1 ft 0 in	HERS 2006	None
	2	E	1	TIM	Double (Clear)	Yes	0.59	0.23	N	13.33333	1 ft 4 in	1 ft 0 in	HERS 2006	None
	3	E	1	TIM	Double (Clear)	Yes	0.59	0.23	N	13.33333	1 ft 4 in	1 ft 0 in	HERS 2006	None
	4	E	1	TIM	Double (Clear)	Yes	0.59	0.23	N	13.33333	1 ft 4 in	1 ft 0 in	HERS 2006	None
	5	E	1	TIM	Double (Clear)	Yes	0.59	0.23	N	12.5 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	6	E	1	TIM	Double (Clear)	Yes	0.59	0.23	N	12.5 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	7	E	1	TIM	Double (Clear)	Yes	0.59	0.23	N	12.5 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	8	E	1	TIM	Double (Clear)	Yes	0.59	0.23	N	2.888888	1 ft 4 in	1 ft 0 in	HERS 2006	None
	9	E	1	TIM	Double (Clear)	Yes	0.59	0.23	N	2.888888	1 ft 4 in	1 ft 0 in	HERS 2006	None

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
	10	E	1	TIM	Double (Clear)	Yes	0.59	0.23	N	7.111111	1 ft 4 in	1 ft 0 in	HERS 2006	None
	11	E	1	TIM	Double (Clear)	Yes	0.59	0.23	N	7.111111	1 ft 4 in	1 ft 0 in	HERS 2006	None
	12	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	3.111111	1 ft 4 in	1 ft 0 in	HERS 2006	None
	13	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	3.111111	1 ft 4 in	1 ft 0 in	HERS 2006	None
	14	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	14 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	15	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	24 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	16	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	24 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	17	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	3.111111	1 ft 4 in	1 ft 0 in	HERS 2006	None
	18	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	3.111111	1 ft 4 in	1 ft 0 in	HERS 2006	None
	19	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	14 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	20	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	14 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	21	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	3.333333	1 ft 4 in	1 ft 0 in	HERS 2006	None
	22	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	3.333333	1 ft 4 in	1 ft 0 in	HERS 2006	None
	23	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	15 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	24	W	2	TIM	Double (Clear)	Yes	0.59	0.23	N	15 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	25	N	4	TIM	Double (Clear)	Yes	0.59	0.23	N	2.777777	1 ft 4 in	1 ft 0 in	HERS 2006	None
	26	N	4	TIM	Double (Clear)	Yes	0.59	0.23	N	2.777777	1 ft 4 in	1 ft 0 in	HERS 2006	None
	27	N	4	TIM	Double (Clear)	Yes	0.59	0.23	N	14 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	28	N	4	TIM	Double (Clear)	Yes	0.59	0.23	N	14 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	29	N	4	TIM	Double (Clear)	Yes	0.59	0.23	N	16 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	30	N	4	TIM	Double (Clear)	Yes	0.59	0.23	N	16 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	31	NW	6	TIM	Double (Clear)	Yes	0.59	0.23	N	3.111111	1 ft 4 in	1 ft 0 in	HERS 2006	None
	32	NW	6	TIM	Double (Clear)	Yes	0.59	0.23	N	3.111111	1 ft 4 in	1 ft 0 in	HERS 2006	None
	33	NW	6	TIM	Double (Clear)	Yes	0.59	0.23	N	14 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	34	NW	6	TIM	Double (Clear)	Yes	0.59	0.23	N	14 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	35	SW	7	TIM	Double (Clear)	Yes	0.59	0.23	N	3.111111	1 ft 4 in	1 ft 0 in	HERS 2006	None
	36	SW	7	TIM	Double (Clear)	Yes	0.59	0.23	N	3.111111	1 ft 4 in	1 ft 0 in	HERS 2006	None
	37	SW	7	TIM	Double (Clear)	Yes	0.59	0.23	N	14 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	38	SW	7	TIM	Double (Clear)	Yes	0.59	0.23	N	14 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	39	E	8	TIM	Double (Clear)	Yes	0.59	0.23	N	15 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	40	E	8	TIM	Double (Clear)	Yes	0.59	0.23	N	15 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	41	E	8	TIM	Double (Clear)	Yes	0.59	0.23	N	6 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	42	E	8	TIM	Double (Clear)	Yes	0.59	0.23	N	16 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	43	E	8	TIM	Double (Clear)	Yes	0.59	0.23	N	16 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	44	W	9	TIM	Double (Clear)	Yes	0.59	0.23	N	16 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	45	W	9	TIM	Double (Clear)	Yes	0.59	0.23	N	7.333333	1 ft 4 in	1 ft 0 in	HERS 2006	None
	46	W	9	TIM	Double (Clear)	Yes	0.59	0.23	N	7.333333	1 ft 4 in	1 ft 0 in	HERS 2006	None
	47	W	9	TIM	Double (Clear)	Yes	0.59	0.23	N	7.333333	1 ft 4 in	1 ft 0 in	HERS 2006	None
	48	W	9	TIM	Double (Clear)	Yes	0.59	0.23	N	7.333333	1 ft 4 in	1 ft 0 in	HERS 2006	None
	49	W	9	TIM	Double (Clear)	Yes	0.59	0.23	N	14.66666	1 ft 4 in	1 ft 0 in	HERS 2006	None

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
	50	S	10	TIM	Double (Clear)	Yes	0.59	0.23	N	16.5 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	51	N	11	TIM	Double (Clear)	Yes	0.59	0.23	N	15 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None
	52	N	11	TIM	Double (Clear)	Yes	0.59	0.23	N	15 ft²	1 ft 4 in	1 ft 0 in	HERS 2006	None

GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
	1	866.8 ft²	866.8 ft²	43 ft	10 ft	13

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	BySpaces	Proposed SLA	0.000360	2226.6	122.18	229.79	0.3412	6.6657
2	BySpaces	Proposed SLA	0.000360	1569.4	86.158	162.03	0.3412	6.2952

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
	1	Electric Heat Pump	None	HSPF: 8	60 kBtu/hr	1	sys#1
	2	Electric Heat Pump	None	HSPF: 8.5	48 kBtu/hr	2	sys#2

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
	1	Central Unit	None	SEER: 13	60 kBtu/hr	1800 cfm	0.75	1	sys#1
	2	Central Unit	None	SEER: 13	48 kBtu/hr	1440 cfm	0.75	2	sys#2

HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
	1	Electric	None	Garage	0.92	50 gal	60 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	Supply R-Value	Supply Area	Return Location	Return Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF	HVAC # Heat	HVAC # Cool
	1	Attic	6	803.8 ft	Attic	200.95	DSE=0.88	RoomsInBl	0.0 cfm	0.00 %	0.00	0.60	1	1
	2	Attic	6	300 ft²	Attic	200.95	DSE=0.88	RoomsInBl	0.0 cfm	0.00 %	0.00	0.60	2	2

TEMPERATURES

Programable Thermostat: Y Ceiling Fans:

Cooling	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] Dec
Heating	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] Dec
Venting	[X] Jan	[X] Feb	[X] Mar	[X] Apr	[X] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[X] Oct	[X] Nov	[X] 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	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

FORM 405-10

Florida Code Compliance Checklist

Florida Department of Business and Professional Regulations
Residential Whole Building Performance Method

ADDRESS: 468 NW HACKNEY TERRACE PERMIT #:
LAKE CITY, FL, 32055-

MANDATORY REQUIREMENTS SUMMARY - See individual code sections for full details.

COMPONENT	SECTION	SUMMARY OF REQUIREMENT(S)	CHECK
Air leakage	402.4	To be caulked, gasketed, weatherstripped or otherwise sealed. Recessed lighting IC-rated as meeting ASTM E 283. Windows and doors = 0.30 cfm/sq.ft. Testing or visual inspection required. Fireplaces: gasketed doors & outdoor combustion air. Must complete envelope leakage report or visually verify Table 402.4.2.	
Thermostat & controls	403.1	At least one thermostat shall be provided for each separate heating and cooling system. Where forced-air furnace is primary system, programmable thermostat is required. Heat pumps with supplemental electric heat must prevent supplemental heat when compressor can meet the load.	
Ducts	403.2.2	All ducts, air handlers, filter boxes and building cavities which form the primary air containment passageways for air distribution systems shall be considered ducts or plenum chambers, shall be constructed and sealed in accordance with Section 503.2.7.2 of this code.	
	403.3.3	Building framing cavities shall not be used as supply ducts.	
Water heaters	403.4	Heat trap required for vertical pipe risers. Comply with efficiencies in Table 403.4.3.2. Provide switch or clearly marked circuit breaker (electric) or shutoff (gas). Circulating system pipes insulated to = R-2 + accessible manual OFF switch.	
Mechanical ventilation	403.5	Homes designed to operate at positive pressure or with mechanical ventilation systems shall not exceed the minimum ASHRAE 62 level. No make-up air from attics, crawlspaces, garages or outdoors adjacent to pools or spas.	
Swimming Pools & Spas	403.9	Pool pumps and pool pump motors with a total horsepower (HP) of = 1 HP shall have the capability of operating at two or more speeds. Spas and heated pools must have vapor-retardant covers or a liquid cover or other means proven to reduce heat loss except if 70% of heat from site-recovered energy. Off/timer switch required. Gas heaters minimum thermal efficiency=78% (82% after 4/16/13). Heat pump pool heaters minimum COP= 4.0.	
Cooling/heating equipment	403.6	Sizing calculation performed & attached. Minimum efficiencies per Tables 503.2.3. Equipment efficiency verification required. Special occasion cooling or heating capacity requires separate system or variable capacity system. Electric heat >10kW must be divided into two or more stages.	
Ceilings/knee walls	405.2.1	R-19 space permitting.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 76

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

468 NW HACKNEY TERRACE, LAKE CITY, FL, 32055-

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		5
5 Is this a worst case?		No
6. Conditioned floor area (ft²)		4019
7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.59	558.44 ft²
SHGC:	SHGC=0.23	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		1.333 ft.
Area Weighted Average SHGC:		0.230

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	2357.00 ft²
b. Floor Over Other Space	R=0.0	1662.00 ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	3798.30 ft²
b. Frame - Wood, Adjacent	R=13.0	430.00 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Roof Deck (Vented)	R=19.8	4019.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts	R	ft²
a Sup: Attic, Ret: Attic, AH: RoomsInBlock1	6	803.8
b. Sup: Attic, Ret: Attic, AH: RoomsInBlock1	6	300

12. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	60.0	SEER:13.00
b. Central Unit	48.0	SEER:13.00

13. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	60.0	HSPF:8.00
b. Electric Heat Pump	48.0	HSPF:8.50

14. Hot water systems	
a. Electric	Cap: 50 gallons EF: 0.92
b. Conservation features	
None	
15. 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: 4-9-13

Address of New Home: 561 NW Hackney Terr City/FL Zip: Lake City FL

GREAT SEAL OF THE STATE OF FLORIDA * IN GOD WE TRUST *

*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. Contact the EnergyGauge Hotline at (321) 638-1492 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 303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 76

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

468 NW HACKNEY TERRACE, LAKE CITY, FL, 32055-

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		5
5. Is this a worst case?		No
6. Conditioned floor area (ft²)		4019
7. Windows**	Description	Area
a. U-Factor: SHGC:	Dbl, U=0.59 SHGC=0.23	558.44 ft²
b. U-Factor: SHGC:	N/A	ft²
c. U-Factor: SHGC:	N/A	ft²
d. U-Factor: SHGC:	N/A	ft²
Area Weighted Average Overhang Depth:		1.333 ft.
Area Weighted Average SHGC:		0.230

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	2357.00 ft²
b. Floor Over Other Space	R=0.0	1662.00 ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	3798.30 ft²
b. Frame - Wood, Adjacent	R=13.0	430.00 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Roof Deck (Vented)	R=19.8	4019.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11 Ducts	R	ft²
a. Sup: Attic, Ret: Attic, AH: RoomsInBlock1	6	603.8
b. Sup: Attic, Ret: Attic, AH: RoomsInBlock1	6	300

12. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	60.0	SEER:13.00
b. Central Unit	48.0	SEER:13.00

13. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	60.0	HSPF:8.00
b. Electric Heat Pump	48.0	HSPF:8.50

14. Hot water systems	
a. Electric	Cap: 50 gallons EF: 0.92
b. Conservation features None	
15. 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: 4-9-13

Address of New Home: 561 NW Hackney Terr. City/FL Zip: Lake City FL

GREAT SEAL OF THE STATE OF FLORIDA * IN GOD WE TRUST *

*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. Contact the EnergyGauge Hotline at (321) 638-1492 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 303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.