

Project Name: J-10251 - C-2606		Builder Name:	
Street: 672 SW MAGNOLIA LN		Permit Office:	
City, State, Zip: FORT WHITE, FL, 32038		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(1359.0 sqft.)	Insulation	Area
2. Single family or multiple family	Detached	a. Concrete Block - Ext Insul, Exterior	R=5.0	1359.00 ft <sup>2</sup>
3. Number of units, if multiple family	1	b. N/A		
4. Number of Bedrooms	3	c. N/A		
5. Is this a worst case?	No	d. N/A		
6. Conditioned floor area above grade (ft <sup>2</sup> )	1428	11. Ceiling Types(1428.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft <sup>2</sup> )	0	a. Flat ceiling under att (Vented)	R=30.0	1428.00 ft <sup>2</sup>
7. Windows(147.1 sqft.)	Description	b. N/A		
a. U-Factor:	DbI, U=0.35	c. N/A		
SHGC:	SHGC=0.25	12. Roof(Comp. Shingles, Vented)	Deck R=0.0	1547 ft <sup>2</sup>
b. U-Factor:	N/A	13. Ducts, location & insulation level	R	ft <sup>2</sup>
SHGC:		a. Sup: Attic, Ret: Attic, AH: Main	6	200
c. U-Factor:	N/A	b.		
SHGC:		c.		
Area Weighted Average Overhang Depth:	0.000 ft	14. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average SHGC:	0.250	a. Central Unit	23.6	SEER2:15.20
8. Skylights	Description	15. Heating Systems	kBtu/hr	Efficiency
U-Factor:(AVG)	N/A	a. Electric Heat Pump	23.6	HSPF2:7.50
SHGC(AVG):	N/A	16. Hot Water Systems		
9. Floor Types	Insulation	a. Electric	Cap: 40 gallons	
a. Slab-On-Grade Edge Insulation	R= 0.0		EF: 0.950	
b. N/A	R=	b. Conservation features		
c. N/A	R=			
		17. Credits		None
				Pstat

# PASS

BUILDING OFFICIAL: \_\_\_\_\_  
DATE: \_\_\_\_\_

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## INPUT SUMMARY CHECKLIST REPORT

## PROJECT

Title:	J-10251 - C-2606	Bedrooms:	3	Address type:	Street Address
Building Type:	User	Conditioned Area:	1428	Lot #:	---
Owner:		Total Stories:	1	Block/SubDivision:	---
Builder Home ID:		Worst Case:	No	PlatBook:	---
Builder Name:		Rotate Angle:	0	Street:	672 SW MAGNOLIA LN
Permit Office:		Cross Ventilation:	No	County:	columbia
Jurisdiction:		Whole House Fan:	No	City, State, Zip:	FORT WHITE, FL, 32038
Family Type:	Detached	Terrain:	Suburban		
New/Existing:	New (From Plans)	Shielding:	Suburban		
Year Construct:					
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	1428	11424 cu ft

## SPACES

✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___ 1	Main	1428	11424	Yes	2	3	Yes	Yes	Yes

## FLOORS

(Total Exposed Area = 1428 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	151	0	1428 ft	0.304	---	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	1547 ft²	0 ft²	Medium	N	0.9	N	0.9	No	0	22.62

## ATTIC

✓ #	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___ 1	Full attic	Vented	150	1428 ft²	N	N

## CEILING

(Total Exposed Area = 1428 sq.ft.)

✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type
___ 1	Flat ceiling under attic(Vented)	Main	30.0	Blown	1428.0ft²	0.053	0.10	Wood

# INPUT SUMMARY CHECKLIST REPORT

WALLS																	(Total Exposed Area = 1359 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	Conc. Blk - Ext Ins	Main	5.0	41.0	6	9.0	0	373.5	0.117	0	0	0.80	0 %					
___ 2	E	Exterior	Conc. Blk - Ext Ins	Main	5.0	34.0	0	9.0	0	306.0	0.117	0	0	0.80	0 %					
___ 3	S	Exterior	Conc. Blk - Ext Ins	Main	5.0	41.0	6	9.0	0	373.5	0.117	0	0	0.80	0 %					
___ 4	W	Exterior	Conc. Blk - Ext Ins	Main	5.0	34.0	0	9.0	0	306.0	0.117	0	0	0.80	0 %					

  

DOORS												(Total Exposed Area = 40 sq.ft.)		
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area			
___ 1	N	Exterior	Wood	Main	None	0.39	3.00	0	6.00	8	20.1ft²			
___ 2	S	Exterior	Wood	Main	None	0.39	3.00	0	6.00	8	20.1ft²			

  

WINDOWS																	(Total Exposed Area = 147 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	0.35	0.25	N	N	60.0	4	3.00	5.00	0.0	0.0	None	None		
___ 2	n	1	Vinyl	Low-E Double	Y	0.35	0.25	N	N	14.6	1	2.92	5.00	0.0	0.0	None	None		
___ 3	e	2	Vinyl	Low-E Double	Y	0.35	0.25	N	N	9.0	1	3.00	3.00	0.0	0.0	None	None		
___ 4	s	3	Vinyl	Low-E Double	Y	0.35	0.25	N	N	40.2	1	6.00	6.67	0.0	0.0	None	None		
___ 5	s	3	Vinyl	Low-E Double	Y	0.35	0.25	N	N	12.0	1	4.00	3.00	0.0	0.0	None	None		
___ 6	w	4	Vinyl	Low-E Double	Y	0.35	0.25	N	N	6.0	1	2.00	3.00	0.0	0.0	None	None		
___ 7	W	4	Vinyl	Low-E Double	Y	0.35	0.25	N	N	5.3	1	4.00	1.33	0.0	0.0	None	None		

  

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00030	1142	62.68	117.67	0.1176	6.0	All	11424 cu ft

  

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	---Heat Pump Volt	Ducts	Block
___ 1	Electric Heat Pump	Split/Single		HSPF2: 7.50	23.6		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	Split/Single		SEER2:15.2	23.6	0	0.70	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	None	Main	0.95 (0.93)	40.00 gal	60 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	Attic	6.0	200 ft²	Attic	6.0	100 ft²	Prop. Leak Free	Main	---	---	0.03	0.50	1 1

## TEMPERATURES

Programable Thermostat: Y				Ceiling Fans: N									
Cooling	<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input type="checkbox"/> Nov	<input type="checkbox"/> Dec	
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec	
Venting	<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input type="checkbox"/> 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 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