

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	J-10248 - C-1309	Bedrooms:	4	Address type:	Street Address
Building Type:	User	Conditioned Area:	2899	Lot #:	---
Owner:	GREG O'NEAL RESIDENCE 2	Total Stories:	1	Block/SubDivision:	---
Builder Name:		Worst Case:	No	PlatBook:	---
Permit Office:		Rotate Angle:	0	Street:	
Jurisdiction:		Cross Ventilation:	No	County:	Columbia
Family Type:	Detached	Whole House Fan:	No	City, State, Zip:	Columbia County,
New/Existing:	New (From Plans)	Terrain:	Suburban		FL,
Year Construct:		Shielding:	Suburban		
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	Entire House	2899	27145 cu ft

SPACES

✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___ 1	OFFICE	99	990	No	0		Yes	Yes	Yes
___ 2	FOYER	63	630	No	0		Yes	Yes	Yes
___ 3	DINING RM	166	1660	No	0		Yes	Yes	Yes
___ 4	LAUNDRY	109	981	No	0		Yes	Yes	Yes
___ 5	M BED	279	2511	No	2	1	Yes	Yes	Yes
___ 6	M LAV	21	189	No	0		Yes	Yes	Yes
___ 7	PANTRY	42	378	No	0		Yes	Yes	Yes
___ 8	M BATH	113	1017	No	0		Yes	Yes	Yes
___ 9	M WIC	130	1170	No	0		Yes	Yes	Yes
___ 10	MUD RM	55	495	No	0		Yes	Yes	Yes
___ 11	PWD	40	360	No	0		Yes	Yes	Yes
___ 12	HALL	58	522	No	0		Yes	Yes	Yes
___ 13	KITCHEN	273	2730	Yes	0		Yes	Yes	Yes
___ 14	GREAT RM	453	4530	No	0		Yes	Yes	Yes
___ 15	BED 4	266	2394	No	1	1	Yes	Yes	Yes
___ 16	BATH 4	68	612	No	0		Yes	Yes	Yes
___ 17	WIC 4	32	288	No	0		Yes	Yes	Yes
___ 18	WIC 3	32	284	No	0		Yes	Yes	Yes
___ 19	BATH 3	63	567	No	0		Yes	Yes	Yes
___ 20	BED 3	177	1593	No	1	1	Yes	Yes	Yes
___ 21	VESTIBULE	61	549	No	0		Yes	Yes	Yes
___ 22	BATH 2	65	585	No	0		Yes	Yes	Yes
___ 23	BED 2	234	2106	No	1	1	Yes	Yes	Yes

INPUT SUMMARY CHECKLIST REPORT

FLOORS											(Total Exposed Area = 2899 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	OFFICE	17.5		99 ft	0.304	---	0.00	0.00	1.00		
___ 2	Slab-On-Grade Edge Ins	FOYER	7		63 ft	0.304	---	0.00	0.00	1.00		
___ 3	Slab-On-Grade Edge Ins	DINING RM	19.5		166 ft	0.304	---	0.00	0.00	1.00		
___ 4	Slab-On-Grade Edge Ins	LAUNDRY	9		109 ft	0.304	---	0.00	0.00	1.00		
___ 5	Slab-On-Grade Edge Ins	M BED	36.5		279 ft	0.304	---	0.00	0.00	1.00		
___ 6	Slab-On-Grade Edge Ins	M LAV	1		21 ft	0.304	---	0.00	0.00	1.00		
___ 7	Slab-On-Grade Edge Ins	PANTRY	1		42 ft	0.304	---	0.00	0.00	1.00		
___ 8	Slab-On-Grade Edge Ins	M BATH	8		113 ft	0.304	---	0.00	0.00	1.00		
___ 9	Slab-On-Grade Edge Ins	M WIC	24.5		130 ft	0.304	---	0.00	0.00	1.00		
___ 10	Slab-On-Grade Edge Ins	MUD RM	5.5		55 ft	0.304	---	0.00	0.00	1.00		
___ 11	Slab-On-Grade Edge Ins	PWD	8.5		40 ft	0.304	---	0.00	0.00	1.00		
___ 12	Slab-On-Grade Edge Ins	HALL	1		58 ft	0.304	---	0.00	0.00	1.00		
___ 13	Slab-On-Grade Edge Ins	KITCHEN	13		273 ft	0.304	---	0.00	0.00	1.00		
___ 14	Slab-On-Grade Edge Ins	GREAT RM	18.5		453 ft	0.304	---	0.00	0.00	1.00		
___ 15	Slab-On-Grade Edge Ins	BED 4	45		266 ft	0.304	---	0.00	0.00	1.00		
___ 16	Slab-On-Grade Edge Ins	BATH 4	1		68 ft	0.304	---	0.00	0.00	1.00		
___ 17	Slab-On-Grade Edge Ins	WIC 4	4.5		32 ft	0.304	---	0.00	0.00	1.00		
___ 18	Slab-On-Grade Edge Ins	WIC 3	1		32 ft	0.304	---	0.00	0.00	1.00		
___ 19	Slab-On-Grade Edge Ins	BATH 3	1		63 ft	0.304	---	0.00	0.00	1.00		
___ 20	Slab-On-Grade Edge Ins	BED 3	12.5		177 ft	0.304	---	0.00	0.00	1.00		
___ 21	Slab-On-Grade Edge Ins	VESTIBULE	3		61 ft	0.304	---	0.00	0.00	1.00		
___ 22	Slab-On-Grade Edge Ins	BATH 2	16.5		65 ft	0.304	---	0.00	0.00	1.00		
___ 23	Slab-On-Grade Edge Ins	BED 2	31		234 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	3141 ft²	0 ft²	Medium	N	0.9	No	0.9	No	38	22.62

ATTIC						
✓ #	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___ 1	Full attic	Unvented	0	2899 ft²	N	N

CEILING								(Total Exposed Area = 2899 sq.ft.)	
✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type	
___ 1	Flat ceiling under attic(Unvented)	OFFICE	0.0	Blown	99.0ft²	0.047	0.10	Wood	
___ 2	Flat ceiling under attic(Unvented)	FOYER	0.0	Blown	63.0ft²	0.047	0.10	Wood	
___ 3	Flat ceiling under attic(Unvented)	DINING RM	0.0	Blown	166.0ft²	0.047	0.10	Wood	
___ 4	Flat ceiling under attic(Unvented)	LAUNDRY	0.0	Blown	109.0ft²	0.047	0.10	Wood	
___ 5	Flat ceiling under attic(Unvented)	M BED	0.0	Blown	279.0ft²	0.047	0.10	Wood	
___ 6	Flat ceiling under attic(Unvented)	M LAV	0.0	Blown	21.0ft²	0.047	0.10	Wood	
___ 7	Flat ceiling under attic(Unvented)	PANTRY	0.0	Blown	42.0ft²	0.047	0.10	Wood	
___ 8	Flat ceiling under attic(Unvented)	M BATH	0.0	Blown	113.0ft²	0.047	0.10	Wood	
___ 9	Flat ceiling under attic(Unvented)	M WIC	0.0	Blown	130.0ft²	0.047	0.10	Wood	
___ 10	Flat ceiling under attic(Unvented)	MUD RM	0.0	Blown	55.0ft²	0.047	0.10	Wood	
___ 11	Flat ceiling under attic(Unvented)	PWD	0.0	Blown	40.0ft²	0.047	0.10	Wood	
___ 12	Flat ceiling under attic(Unvented)	HALL	0.0	Blown	58.0ft²	0.047	0.10	Wood	
___ 13	Flat ceiling under attic(Unvented)	KITCHEN	0.0	Blown	273.0ft²	0.047	0.10	Wood	
___ 14	Flat ceiling under attic(Unvented)	GREAT RM	0.0	Blown	453.0ft²	0.047	0.10	Wood	
___ 15	Flat ceiling under attic(Unvented)	BED 4	0.0	Blown	266.0ft²	0.047	0.10	Wood	
___ 16	Flat ceiling under attic(Unvented)	BATH 4	57.0	Blown	68.0ft²	0.026	0.10	Wood	
___ 17	Flat ceiling under attic(Unvented)	WIC 4	57.0	Blown	32.0ft²	0.026	0.10	Wood	
___ 18	Flat ceiling under attic(Unvented)	WIC 3	57.0	Blown	32.0ft²	0.026	0.10	Wood	

INPUT SUMMARY CHECKLIST REPORT

CEILING(Continued)

___ 19	Flat ceiling under attic(Unvented)	BATH 3	57.0	Blown	63.0ft²	0.026	0.10	Wood
___ 20	Flat ceiling under attic(Unvented)	BED 3	57.0	Blown	177.0ft²	0.026	0.10	Wood
___ 21	Flat ceiling under attic(Unvented)	VESTIBULE	57.0	Blown	61.0ft²	0.026	0.10	Wood
___ 22	Flat ceiling under attic(Unvented)	BATH 2	57.0	Blown	65.0ft²	0.026	0.10	Wood
___ 23	Flat ceiling under attic(Unvented)	BED 2	38.0	Blown	234.0ft²	0.027	0.10	Wood

WALLS

(Total Exposed Area = 2596 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	OFFICE	13.0	6.0	0	10.0	0	60.0	0.095	0	0.25	0.80	0 %
___ 2	E	Exterior	Frame - Wood	OFFICE	13.0	11.0	6	10.0	0	115.0	0.095	0	0.25	0.80	0 %
___ 3	E	Exterior	Frame - Wood	FOYER	13.0	7.0	0	10.0	0	70.0	0.095	0	0.25	0.80	0 %
___ 4	E	Exterior	Frame - Wood	DINING RM	13.0	13.0	6	10.0	0	135.0	0.095	0	0.25	0.80	0 %
___ 5	S	Exterior	Frame - Wood	DINING RM	13.0	6.0	0	10.0	0	60.0	0.095	0	0.25	0.80	0 %
___ 6	E	Exterior	Frame - Wood	LAUNDRY	13.0	9.0	0	9.0	0	81.0	0.095	0	0.25	0.80	0 %
___ 7	N	Exterior	Frame - Wood	M BED	13.0	3.0	0	9.0	0	27.0	0.095	0	0.25	0.80	0 %
___ 8	E	Exterior	Frame - Wood	M BED	13.0	15.0	6	9.0	0	139.5	0.095	0	0.25	0.80	0 %
___ 9	S	Exterior	Frame - Wood	M BED	13.0	18.0	0	9.0	0	162.0	0.095	0	0.25	0.80	0 %
___ 10	S	Exterior	Frame - Wood	M BATH	13.0	8.0	0	9.0	0	72.0	0.095	0	0.25	0.80	0 %
___ 11	S	Exterior	Frame - Wood	M WIC	13.0	9.0	0	9.0	0	81.0	0.095	0	0.25	0.80	0 %
___ 12	W	Exterior	Frame - Wood	M WIC	13.0	15.0	6	9.0	0	139.5	0.095	0	0.25	0.80	0 %
___ 13	W	Exterior	Frame - Wood	MUD RM	13.0	5.0	6	9.0	0	49.5	0.095	0	0.25	0.80	0 %
___ 14	N	Exterior	Frame - Wood	PWD	13.0	4.0	6	9.0	0	40.5	0.095	0	0.25	0.80	0 %
___ 15	W	Exterior	Frame - Wood	PWD	13.0	4.0	0	9.0	0	36.0	0.095	0	0.25	0.80	0 %
___ 16	W	Exterior	Frame - Wood	KITCHEN	13.0	13.0	0	10.0	0	130.0	0.095	0	0.25	0.80	0 %
___ 17	W	Exterior	Frame - Wood	GREAT RM	13.0	18.0	6	10.0	0	185.0	0.095	0	0.25	0.80	0 %
___ 18	N	Exterior	Frame - Wood	BED 4	13.0	14.0	6	9.0	0	130.5	0.095	0	0.25	0.80	0 %
___ 19	E	Exterior	Frame - Wood	BED 4	13.0	22.0	6	9.0	0	202.5	0.095	0	0.25	0.80	0 %
___ 20	S	Exterior	Frame - Wood	BED 4	13.0	8.0	0	9.0	0	72.0	0.095	0	0.25	0.80	0 %
___ 21	N	Exterior	Frame - Wood	WIC 4	13.0	4.0	6	9.0	0	40.5	0.095	0	0.25	0.80	0 %
___ 22	N	Exterior	Frame - Wood	BED 3	13.0	12.0	6	9.0	0	112.5	0.095	0	0.25	0.80	0 %
___ 23	S	Exterior	Frame - Wood	VESTIBULE	13.0	2.0	0	9.0	0	18.0	0.095	0	0.25	0.80	0 %
___ 24	W	Exterior	Frame - Wood	VESTIBULE	13.0	1.0	0	9.0	0	9.0	0.095	0	0.25	0.80	0 %
___ 25	S	Exterior	Frame - Wood	BATH 2	13.0	10.0	0	9.0	0	90.0	0.095	0	0.25	0.80	0 %
___ 26	W	Exterior	Frame - Wood	BATH 2	13.0	6.0	6	9.0	0	58.5	0.095	0	0.25	0.80	0 %
___ 27	N	Exterior	Frame - Wood	BED 2	13.0	16.0	0	9.0	0	144.0	0.095	0	0.25	0.80	0 %
___ 28	W	Exterior	Frame - Wood	BED 2	13.0	15.0	0	9.0	0	135.0	0.095	0	0.25	0.80	0 %

DOORS

(Total Exposed Area = 60 sq.ft.)

✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
___ 1	E(Front)	Exterior	Wood	FOYER	None	0.39	6.00	0	6.00	8	40.0ft²
___ 2	W	Exterior	Wood	MUD RM	None	0.39	3.00	0	6.00	8	20.0ft²

INPUT SUMMARY CHECKLIST REPORT

WINDOWS																	(Total Exposed Area = 358 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	E	2	Metal	Low-E Double	Y	0.35	0.25	N	N	54.0	3	3.00	6.00	6.0	1.0	Drapes/blinds	Ex. 50%			
___ 2	E	4	Metal	Low-E Double	Y	0.35	0.25	N	N	54.0	3	3.00	6.00	6.0	1.0	Drapes/blinds	Ex. 50%			
___ 3	E	6	Metal	Low-E Double	Y	0.35	0.25	N	N	9.0	1	2.00	4.50	1.0	1.0	Drapes/blinds	Ex. 50%			
___ 4	E	8	Metal	Low-E Double	Y	0.35	0.25	N	N	30.0	2	3.00	5.00	1.0	1.0	Drapes/blinds	Ex. 50%			
___ 5	S	9	Metal	Low-E Double	Y	0.35	0.25	N	N	30.0	2	3.00	5.00	1.0	1.0	Drapes/blinds	Ex. 50%			
___ 6	W	16	Metal	Low-E Double	Y	0.35	0.25	N	N	9.0	1	3.00	3.00	11.9	1.0	Drapes/blinds	Ex. 50%			
___ 7	W	17	Metal	Low-E Double	Y	0.35	0.25	N	N	48.0	2	4.00	6.00	11.9	1.0	Drapes/blinds	Ex. 50%			
___ 8	W	17	Metal	Low-E Double	Y	0.35	0.25	N	N	40.2	1	6.00	6.67	11.9	1.0	Drapes/blinds	Ex. 50%			
___ 9	E	19	Metal	Low-E Double	Y	0.35	0.25	N	N	9.0	1	2.00	4.50	1.0	1.0	Drapes/blinds	Ex. 50%			
___ 10	E	19	Metal	Low-E Double	Y	0.35	0.25	N	N	30.0	2	3.00	5.00	1.0	1.0	Drapes/blinds	Ex. 50%			
___ 11	N	22	Metal	Low-E Double	Y	0.35	0.25	N	N	15.0	1	3.00	5.00	1.0	1.0	Drapes/blinds	Ex. 50%			
___ 12	N	27	Metal	Low-E Double	Y	0.35	0.25	N	N	15.0	1	3.00	5.00	1.0	1.0	Drapes/blinds	Ex. 50%			
___ 13	W	28	Metal	Low-E Double	Y	0.35	0.25	N	N	15.0	1	3.00	5.00	1.0	1.0	Drapes/blinds	Ex. 50%			

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00036	2714	148.90	279.55	0.1252	6.0	All	27141 cu ft

MASS					
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	OFFICE
___ 2	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	FOYER
___ 3	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	DINING RM
___ 4	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	LAUNDRY
___ 5	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	M BED
___ 6	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	M LAV
___ 7	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	PANTRY
___ 8	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	M BATH
___ 9	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	M WIC
___ 10	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	MUD RM
___ 11	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	PWD
___ 12	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	HALL
___ 13	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	KITCHEN
___ 14	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	GREAT RM
___ 15	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	BED 4
___ 16	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	BATH 4
___ 17	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	WIC 4
___ 18	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	WIC 3
___ 19	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	BATH 3
___ 20	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	BED 3
___ 21	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	VESTIBULE
___ 22	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	BATH 2
___ 23	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	BED 2

HEATING SYSTEM										
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	----Geothermal HeatPump----			Ducts	Block
						Entry	Power	Volt	Current	
___ 1	Electric Heat Pump	Split/Single		HSPF2: 7.50	55.0		0.00	0.00	0.00	sys#1 1

INPUT SUMMARY CHECKLIST REPORT

COOLING SYSTEM

✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	Air Flow cfm	SHR	Duct	Block
___ 1	Central Unit	Split/Single		SEER2:14.3	55.0	0	0.80	sys#1	1

HOT WATER SYSTEM

✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length
___ 1	Electric	None	LAUNDRY	0.95 (0.93)	50.00 gal	70 gal	120 deg	Standard	=>R-3	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	Attic	6.0	200 ft²	Attic	6.0	100 ft²	Prop. Leak Free	LAUNDRY	---	---	0.03	0.50	1 1

TEMPERATURES

Programable Thermostat: Y				Ceiling Fans: N										
Cooling	[] Jan	[] Feb	[] Mar	[] Apr	[] May	[X] Jun	[X] Jul	[X] Aug	[X] Sep	[] Oct	[] Nov	[] Dec		
Heating	[X] Jan	[X] Feb	[X] Mar	[] Apr	[] May	[] Jun	[] Jul	[] Aug	[] Sep	[] Oct	[X] Nov	[X] Dec		
Venting	[] Jan	[] Feb	[X] Mar	[X] Apr	[] May	[] Jun	[] Jul	[] Aug	[] Sep	[X] Oct	[X] 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 PM	78 80	78 80	78 78	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	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	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	68 66