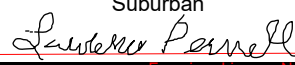


INPUT SUMMARY CHECKLIST REPORT

PROJECT													
Title:	King Residence			Address type:	Street Address								
Building Type:	User			Bedrooms:	3		Lot #:	---					
Owner:				Conditioned Area:	1792		Block/SubDivision:	---					
Builder Home ID:				Total Stories:	1		PlatBook:	---					
Builder Name:				Worst Case:	No		Street:						
Permit Office:				Rotate Angle:	0		County:	Columbia					
Jurisdiction:				Cross Ventilation:			City, State, Zip:	FL, Columbia, SC					
Family Type:	Detached			Whole House:			Review for Code Compliance Universal Engineering Science						
New/Existing:	New (From Plans)			Terrain:	Suburban								
Year Construct:				Shielding:	Suburban								
Comment:				 Examiner License No.			PX2707	07/15/2024					
CLIMATE													
<input checked="" type="checkbox"/>	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													
<input checked="" type="checkbox"/>	Number	Name	Area	Volume									
___	1	Block1	1792	16128 cu ft									
SPACES													
<input checked="" type="checkbox"/>	Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated			
___	1	Main	1792	16128	Yes	4	3	Yes	Yes	Yes			
FLOORS (Total Exposed Area = 1792 sq.ft.)													
<input checked="" type="checkbox"/>	#	Floor Type	Space	Exposed Perim(ft)	Area	R-Value Perim.	U-Factor Joist	Slab Insul. Vert/Horiz	Tile	Wood	Carpet		
___	1	Slab-On-Grade Edge Ins	Main	175.16	1791.9 sqft	0	---	0.592	0 (ft)/0 (ft)	0.25	0.75 0.00		
ROOF													
<input checked="" type="checkbox"/>	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt Tested	Emitt Tested	Deck Insul.	Pitch (deg)
___	1	Hip	Metal	1941 ft²	0 ft²	Dark	N	0.96	No	0.9	No	20.35	22.62
ATTIC													
<input checked="" type="checkbox"/>	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC						
___	1	Full attic	Unvented	0	1792 ft²	N	N						
CEILING (Total Exposed Area = 1792 sq.ft.)													
<input checked="" type="checkbox"/>	#	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type				
___	1	Sloped ceiling under attic(Unvented)	Main	0.0	Blown	674.0ft²	0.039	0.11	Wood				
___	2	Flat ceiling under attic(Unvented)	Main	0.0	Blown	1118.0ft²	0.039	0.11	Wood				

INPUT SUMMARY CHECKLIST REPORT

WALLS (Total Exposed Area = 1577 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	W	Exterior	Frame - Wood	Main	19.0	26.0	0	9.0	0	234.0	0.058	0.69	0.23	0.50	0 %
___ 2	W	Exterior	Frame - Wood	Main	19.0	29.0	0	9.0	0	261.0	0.058	0.69	0.23	0.50	0 %
___ 3	S	Exterior	Frame - Wood	Main	19.0	32.0	7	9.0	0	293.3	0.058	0.69	0.23	0.50	0 %
___ 4	N	Exterior	Frame - Wood	Main	19.0	32.0	7	9.0	0	293.3	0.058	0.69	0.23	0.50	0 %
___ 5	E	Exterior	Frame - Wood	Main	19.0	42.0	0	9.0	0	378.0	0.058	0.69	0.23	0.50	0 %
___ 6	E	Exterior	Frame - Wood	Main	19.0	13.0	0	9.0	0	117.0	0.058	0.69	0.23	0.50	0 %

DOORS (Total Exposed Area = 20 sq.ft.)											
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
___ 1	E		Wood	Main	None	0.17	3.00	0	6.00	8	20.0ft²

WINDOWS (Total Exposed Area = 213 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	W	1	Wood	Low-E Double	Y 0.30	0.20	N	N	39.5	1	6.00	6.58	6.0	2.0	Drapes/blinds	None
___ 2	W	1	Vinyl	Low-E Double	Y 0.30	0.20	N	N	45.0	3	3.00	5.00	6.0	2.0	Drapes/blinds	Ex. 50%
___ 3	W	2	Vinyl	Low-E Double	Y 0.30	0.20	N	N	45.0	3	3.00	5.00	1.0	2.0	Drapes/blinds	Ex. 50%
___ 4	S	3	Vinyl	Low-E Double	Y 0.27	0.24	N	N	4.5	1	3.00	1.50	1.0	9.0	None	None
___ 5	N	4	Vinyl	Low-E Double	Y 0.30	0.20	N	N	6.0	1	2.00	3.00	1.0	8.0	Drapes/blinds	Ex. 50%
___ 6	E	5	Wood	Low-E Double	Y 0.30	0.20	N	N	39.5	1	6.00	6.58	8.0	2.0	Drapes/blinds	None
___ 7	E	5	Vinyl	Low-E Double	Y 0.30	0.20	N	N	18.0	2	3.00	3.00	8.0	2.0	Drapes/blinds	Ex. 50%
___ 8	E	6	Vinyl	Low-E Double	Y 0.30	0.20	N	N	15.0	1	3.00	5.00	1.0	2.0	Drapes/blinds	Ex. 50%

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00040	1882	103.23	193.80	0.1438	7.0	All	16128 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 HeatPump--- Entry Power Volt Current		Ducts	Block	
___ 1	Electric Heat Pump	Split/Single		HSPF2: 7.80	32.8	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		SEER2:14.3	34.4	1032	0.75	sys#1	1



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HOT WATER SYSTEM

#	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length
1	Electric	Tankless	Exterior	0.87 (0.87)	1.00 gal	60 gal	120 deg	Low	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	Supply Area	Return Location	Return R-Value	Return Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN OUT	RLF	HVAC # Heat	HVAC # Cool
1	Attic	6.0	358 ft²	Attic	6.0	90 ft²	Default Leakage	Main	(Default)	(Default)			1	1

MECHANICAL VENTILATION

Type	Supply CFM	Exhaust CFM	HRV	Fan	Run Time	Heating System	Cooling System
None	0.0	0.0	0.0	0.0 W	0 %	1 - Electric Heat Pump	1 - Central Unit

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: FloridaCode 2017													
Schedule Type	1	2	3	4	5	6	7	8	9	10	11	12	
Cooling (WD)	AM PM	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75
Cooling (WEH)	AM PM	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75	75 75
Heating (WD)	AM PM	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72
Heating (WEH)	AM PM	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72	72 72



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