

INPUT SUMMARY CHECKLIST REPORT**PROJECT**

Title:	Wilhelm Residence	Bedrooms:	3	Address type:	Street Address
Building Type:	User	Conditioned Area:	2160	Lot #:	---
Owner:		Total Stories:	1	Block/SubDivision:	---
Builder Home ID:		Worst Case:	No	PlatBook:	---
Builder Name:		Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	, FL,
Family Type:	Detached	Terrain:	Rural		
New/Existing:	New (From Plans)	Shielding:	Moderate/Rural		
Year Construct:	2026				
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	2160	31680 cu ft

SPACES

✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___ 1	Bedrooms	600	7200	No	4	2	Yes	Yes	Yes
___ 2	Living	960	17280	Yes	0	0	Yes	Yes	Yes
___ 3	Master	600	7200	No	2	1	Yes	Yes	Yes

FLOORS

(Total Exposed Area = 2160 sq.ft.)

✓ #	Floor Type	Space	Exposed Perim(ft)	Area	R-Value Perim. Joist	U-Factor	Slab Insul. Vert/Horiz	Tile	Wood	Carpet
___ 1	Slab-On-Grade Edge Ins	Bedrooms	70	600 sqft	0.0 ---	0.547	0 (ft)/0 (ft)	0.25	0.00	0.75
___ 2	Slab-On-Grade Edge Ins	Living	48	960 sqft	0.0 ---	0.473	0 (ft)/0 (ft)	0.00	1.00	0.00
___ 3	Slab-On-Grade Edge Ins	Master	70	600 sqft	0.0 ---	0.636	0 (ft)/0 (ft)	0.50	0.00	0.50

ROOF

✓ #	Type	Materials	Roof Area	Gable Area	Framing. Fract.	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
___ 1	Gable or shed	Metal	2227 ft²	270 ft²	0.11	Unf, Gal.	N	0.7	No	0.7	No	21	14.04

ATTIC

✓ #	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___ 1	No attic	Unvented	0	2160 ft²	N	N

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CEILING													(Total Exposed Area = 2160 sq.ft.)		
✓ #	Ceiling Type			Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type					
___ 1	Single assembly, no airspace(Unvented)			Bedrooms	21.0	Blown	600.0ft²	0.077	0.11	Metal					
___ 2	Single assembly, no airspace(Unvented)			Living	21.0	Blown	960.0ft²	0.077	0.11	Metal					
___ 3	Single assembly, no airspace(Unvented)			Master	21.0	Blown	600.0ft²	0.077	0.11	Metal					

WALLS													(Total Exposed Area = 3024 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	S	Exterior	Frame - Steel	Bedrooms	13.0	15.0 0	12.0 0	180.0	0.205		0.23	0.75	0 %		
___ 2	W	Exterior	Frame - Steel	Bedrooms	13.0	40.0 0	12.0 0	480.0	0.205		0.23	0.75	0 %		
___ 3	N	Exterior	Frame - Steel	Bedrooms	13.0	15.0 0	12.0 0	180.0	0.205		0.23	0.75	0 %		
___ 4	N	Exterior	Frame - Steel	Living	13.0	24.0 0	18.0 0	432.0	0.205		0.23	0.75	0 %		
___ 5	N	Exterior	Frame - Steel	Master	13.0	15.0 0	12.0 0	180.0	0.205		0.23	0.75	0 %		
___ 6	E	Exterior	Frame - Steel	Master	13.0	40.0 0	12.0 0	480.0	0.205		0.23	0.75	0 %		
___ 7	S	Exterior	Frame - Steel	Master	13.0	15.0 0	12.0 0	180.0	0.205		0.23	0.75	0 %		
___ 8	S	Exterior	Frame - Steel	Living	13.0	24.0 0	18.0 0	432.0	0.205		0.23	0.75	0 %		
___ 9	W	Exterior	Frame - Steel	Living	13.0	40.0 0	6.0 0	240.0	0.205		0.23	0.75	0 %		
___ 10	E	Exterior	Frame - Steel	Living	13.0	40.0 0	6.0 0	240.0	0.205		0.23	0.75	0 %		

DOORS													(Total Exposed Area = 260 sq.ft.)		
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft In	Height Ft In	Area						
___ 1	S	Exterior	Insulated	Bedrooms	None	0.46	8.00 0	8.00 0	64.0ft²						
___ 2	N	Exterior	Insulated	Bedrooms	None	0.46	8.00 0	8.00 0	64.0ft²						
___ 3	N	Exterior	Insulated	Master	None	0.46	3.00 0	6.00 8	20.0ft²						
___ 4	S	Exterior	Wood	Master	None	0.46	8.00 0	8.00 0	64.0ft²						
___ 5	S	Exterior	Insulated	Living	None	0.46	6.00 0	8.00 0	48.0ft²						

WINDOWS													(Total Exposed Area = 199 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	2	Vinyl	Low-E Double	Y	0.26	0.20	N	N	32.0	4	4.00	2.00	1.5	1.3	None	None
___ 2	N	4	Vinyl	Low-E Double	Y	0.26	0.20	N	N	18.0	2	2.00	4.50	1.5	10.3	None	None
___ 3	N	4	Vinyl	Low-E Double	Y	0.26	0.20	N	N	13.5	1	3.00	4.50	1.5	10.3	None	None
___ 4	N	4	Vinyl	Low-E Double	Y	0.26	0.20	N	N	18.0	2	3.00	3.00	1.5	1.3	None	None
___ 5	S	8	Vinyl	Low-E Double	Y	0.26	0.20	N	N	36.0	2	3.00	6.00	1.5	10.3	None	None
___ 6	S	8	Vinyl	Low-E Double	Y	0.26	0.20	N	N	18.0	2	3.00	3.00	1.5	1.3	None	None
___ 7	S	8	Vinyl	Low-E Double	Y	0.26	0.20	N	N	18.0	1	6.00	3.00	1.5	1.3	None	None
___ 8	W	9	Vinyl	Low-E Double	Y	0.26	0.20	N	N	22.5	5	3.00	1.50	1.5	0.7	None	None
___ 9	E	10	Vinyl	Low-E Double	Y	0.26	0.20	N	N	22.5	5	3.00	1.50	1.5	0.7	None	None

INFILTRATION												
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume		
___ 1	Wholehouse	Proposed ACH(50)	0.00047	2640	144.84	271.92	0.1249	5.0	All	31680 cu ft		

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MASS													
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space								
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bedrooms								
___ 2	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Living								
___ 3	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Master								

HEATING SYSTEM											
✓ #	System Type	Subtype/Speed	AHRI #	Efficiency	Capacity kBtu/hr	----Geothermal HeatPump----			Ducts	Block	
						Entry	Power	Volt	Current		
___ 1	Electric Heat Pump	None/Single		HSPF2: 8.00	42.0		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		SEER2:17.0	42.0	1260	0.75	sys#1	1

HOT WATER SYSTEM											
✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixt. Flow	Trap	Pipe Ins.	Pipe length
___ 1	Propane	Tankless	Exterior	0.59 (0.59)	1.0 gal	60 gal	120 deg	Standard	Yes	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	NA	None

DUCTS												
✓ Duct #	Location	Supply----- R-Value Area	Return----- Location R-Value Area	Leakage Type	AHU Location	CFM 25 TOT OUT	QN OUT	AHU SEALED	RLF	HVAC # Heat Cool		
___ 1	Living	6.0 432 ft²	Living 6.0 108 ft²	Prop. Leak Free	Master	--- ---	0.030	Yes	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	Hours													
	1	2	3	4	5	6	7	8	9	10	11	12		
___ Cooling (WD)	AM PM	78 80	78 80	78 80	78 80	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78
___ Cooling (WEH)	AM PM	78 80	78 80	78 80	78 80	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78
___ Heating (WD)	AM PM	65 68	65 68	65 68	65 68	65 68	65 68	65 68	65 68	68 68	68 68	68 68	68 68	68 68
___ Heating (WEH)	AM PM	65 68	65 68	65 68	65 68	65 68	65 68	65 68	65 68	68 68	68 68	68 68	68 68	68 68