

INPUT SUMMARY CHECKLIST REPORT

PROJECT													
Title:	Mitchelle Residence				Address type:		Street Address						
Building Type:	User				Bedrooms:	4	Lot #:	---					
Owner:					Conditioned Area:	2153	Block/SubDivision:	---					
					Total Stories:	1	PlatBook:	---					
Builder Name:	IC Construction				Worst Case:	No	Street:						
Permit Office:					Rotate Angle:	0	County:	columbia					
Jurisdiction:					Cross Ventilation:		City, State, Zip:	Lake City, FL,					
Family Type:	Detached				Whole House Fan:								
New/Existing:	New (From Plans)				Terrain:	Rural							
Year Construct:	2022				Shielding:	Moderate/Rural							
Comment:													
CLIMATE													
✓ Design Location	Tmy Site		Design Temp		Int Design Temp		Heating		Design		Daily temp		
			97.5%	2.5%	Winter	Summer	Degree Days		Moisture		Range		
___ FL, Gainesville	FL_GAINESVILLE_REGIONA		32	92	70	75	1305.5		51		Medium		
BLOCKS													
✓ Number	Name	Area	Volume										
___ 1	Block1	2153	19377										
SPACES													
✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated				
___ 1	Main	2153	19377	Yes	8	4	Yes	Yes	Yes				
FLOORS (Total Exposed Area = 2153 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	288	0	2153 ft	0.524	---	0.10	0.80	0.10			
ROOF													
✓ #	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)	
___ 1	Gable or shed	Composition shingles	2493 ft²	628 ft²	Dark	N	0.92	No	0.9	No	0	30.26	
ATTIC													
✓ #	Type	Ventilation	Vent Ratio (1 in)		Area	RBS	IRCC						
___ 1	No attic	Unvented	0		2153 ft²	N	N						
CEILING (Total Exposed Area = 2153 sq.ft.)													
✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type					
___ 1	Cathedral/Single Assembly(Unvented)	Main	38.0	Blown	2153.0ft²	0.054	0.11	Wood					

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WALLS (Total Exposed Area = 2438 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	Main	13.0	6.0	6	9.0	0	58.5	0.087	0.625	0.23	0.75	0 %	
___ 2	W	Exterior	Frame - Wood	Main	13.0	7.0	0	9.0	0	63.0	0.087	0.625	0.23	0.75	0 %	
___ 3	N	Exterior	Frame - Wood	Main	13.0	13.0	6	9.0	0	121.5	0.087	0.625	0.23	0.75	0 %	
___ 4	E	Exterior	Frame - Wood	Main	13.0	12.0	4	9.0	0	111.0	0.087	0.625	0.23	0.75	0 %	
___ 5	N	Exterior	Frame - Wood	Main	13.0	27.0	4	10.0	0	273.3	0.087	0.625	0.23	0.75	0 %	
___ 6	W	Exterior	Frame - Wood	Main	13.0	19.0	10	9.0	0	178.5	0.087	0.625	0.23	0.75	0 %	
___ 7	N	Exterior	Frame - Wood	Main	13.0	21.0	8	9.0	0	195.0	0.087	0.625	0.23	0.75	0 %	
___ 8	E	Exterior	Frame - Wood	Main	13.0	24.0	8	9.0	0	222.0	0.087	0.625	0.23	0.75	0 %	
___ 9	S	Garage	Frame - Wood	Main	13.0	42.0	0	9.0	0	378.0	0.087	0.625	0.23	0.75	0 %	
___ 10	S	Exterior	Frame - Wood	Main	13.0	8.0	2	9.0	0	73.5	0.087	0.625	0.23	0.75	0 %	
___ 11	E	Exterior	Frame - Wood	Main	13.0	5.0	4	10.0	0	53.3	0.087	0.625	0.23	0.75	0 %	
___ 12	S	Exterior	Frame - Wood	Main	13.0	32.0	8	10.0	0	326.7	0.087	0.625	0.23	0.75	0 %	
___ 13	W	Exterior	Frame - Wood	Main	13.0	8.0	2	9.0	0	73.5	0.087	0.625	0.23	0.75	0 %	
___ 14	S	Exterior	Frame - Wood	Main	13.0	6.0	6	9.0	0	58.5	0.087	0.625	0.23	0.75	0 %	
___ 15	W	Exterior	Frame - Wood	Main	13.0	28.0	0	9.0	0	252.0	0.087	0.625	0.23	0.75	0 %	

DOORS (Total Exposed Area = 136 sq.ft.)											
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
___ 1	N	Exterior	Insulated	Main	None	0.40	5.00	0	8.00	0	40.0ft²
___ 2	W	Exterior	Insulated	Main	None	0.40	3.00	0	8.00	0	24.0ft²
___ 3	S	Garage	Insulated	Main	None	0.40	3.00	0	8.00	0	24.0ft²
___ 4	S	Exterior	Insulated	Main	None	0.40	6.00	0	8.00	0	48.0ft²

WINDOWS (Total Exposed Area = 267 sq.ft.)														
✓ #	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Storm	Area	----Overhang----		Interior Shade	Screening
											Depth	Separation		
___ 1	N	3	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	30.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None
___ 2	N	5	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	54.0ft²	10.0 ft 6 in	2.0 ft 4 in	None	None
___ 3	N	5	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	16.0ft²	10.0 ft 6 in	2.0 ft 4 in	None	None
___ 4	W	6	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	15.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None
___ 5	N	7	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	30.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None
___ 6	E	8	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	10.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None
___ 7	E	8	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	8.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None
___ 8	E	8	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	6.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None
___ 9	S	10	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	8.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None
___ 10	S	12	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	72.0ft²	9.0 ft 6 in	2.0 ft 4 in	None	None
___ 11	W	15	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	15.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None
___ 12	W	15	Vinyl	Low-E Double	Yes	0.26	0.20	N	N	3.0ft²	1.0 ft 6 in	2.0 ft 4 in	None	None

INFILTRATION									
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)
___ 1	Wholehouse	Proposed ACH(50)	0.00029	1615	88.59	166.32	0.1027	5.0	All

GARAGE					
✓ #	Floor Area	Roof Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
___ 1	519 ft²	519 ft²	60 ft	9 ft	1

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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---		Ducts	Block	
						Entry	Power	Volt	Current	
___ 1	Electric Heat Pump	None/Single		HSPF: 8.50	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		SEER:15.0	42.0	1260	0.85	sys#1	1

HOT WATER SYSTEM										
✓ #	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length
___ 1	Electric	Tankless	Garage	0.92 (0.92)	1.00 gal	70 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 #	Location	-----Supply----- R-Value Area	-----Return----- R-Value Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN	RLF	HVAC # Heat Cool			
___ 1	Main	6.0 431 ft²	Main 6.0 108 ft²	Prop. Leak Free	Garage	---	---	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	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