2023 - AIR BARRIER AND INSULATION INSPECTION COMPONENT CRITERIA-TABLE 402.4.1.1[a]

Project Name:	J-10535 - C-1309	Builder Name:	
Street:		Permit Office:	
City, State, Zip:	Columbia County, FL, 32056	Permit Number:	
Owner:	PLUMB LEVEL/SNIDER	Jurisdiction:	
Design Location:	FL, Gainesville	County:	Columbia(Florida Climate Zone 2)

COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA	CHECK
General requirements	A continuous air barrier shall be installed in the building envelope. The exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be sealed.	Air-permeable insulation shall not be used as a sealing material.	
Ceiling/attic	The air barrier in any dropped ceiling/soffit shall be aligned with the insulation and any gaps in the air barrier shall be sealed. Access openings, drop down stairs or knee wall doors to unconditioned attic spaces shall be sealed.	The insulation in any dropped ceiling/soffit shall be aligned with the air barrier.	
Walls	The junction of the foundation and sill plate shall be sealed. The junction of the top plate and the top of exterior walls shall be sealed. Knee walls shall be sealed.	Cavities within corners and headers of frame walls shall be insulated by completely filling the cavity with a material having a thermal resistance of R-3 per inch minimum Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier.	
Windows, skylights and doors	The space between window/door jambs and framing, and skylights and framing shall be sealed.		
Rim joists	Rim joists shall include the air barrier.	Rim joists shall be insulated.	
Floors (including above-garage and cantilevered floors)	The air barrier shall be installed at any exposed edge of insulation.	Floor framing cavity insulation shall be installed to maintain permanent contact with the underside of subfloor decking, or floor framing cavity insulation shall be permitted to be in contact with the top side of sheathing, or continuous insulation installed on the underside of floor framing and extends from the bottom to the top of all perimeter floor framing members.	
Crawl space walls	Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.	Where provided instead of floor insulation, insulation shall be permanently attached to the crawlspace walls.	
Shafts, penetrations	Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.		
Narrow cavities		Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity spaces.	
Garage separation	Air sealing shall be provided between the garage and conditioned spaces.		
Recessed lighting	Recessed light fixtures installed in the building thermal envelope shall be sealed to the finished surface.	Recessed light fixtures installed in the building thermal envelope shall be air tight and IC rated.	
Plumbing and wiring		Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall extend behind piping and wiring.	
Shower/tub on exterior wall	The air barrier installed at exterior walls adjacent to showers and tubs shall separate them from the showers and tubs.	Exterior walls adjacent to showers and tubs shall be insulated.	
Electrical, communication, and other equipment boxes, housings, and enclosures	Boxes, housings, and enclosures that penetrate the air barrier shall be caulked, taped, gasketed, or otherwise sealed to the air barrier element being penetrated. All concealed openings into the box, housing, or enclosure shall be sealed. The continuity of the air barrier shall be maintained around boxes, housings, and enclosures that penetrate the air barrier. Alternatively, air-sealed boxes shall be installed in accordance with R402.4.6	Boxes, housings, and enclosures shall be buried in or surrounded by tightly fitted insulation.	
HVAC register boots	HVAC supply and return register boots that penetrate building thermal envelope shall be sealed to the sub-floor, wall covering or ceiling penetrated by the boot.		
Concealed sprinklers	When required to be sealed, concealed fire sprinklers shall only be sealed in a manner that is recommended by the manufacturer. Caulking or other adhesive sealants shall not be used to fill voids voids between fire sprinkler cover plates and walls or ceilings.		

a. In addition, inspection of log walls shall be in accordance with the provisions of ICC-400.

FORM R405-2023

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 95

The lower the EnergyPerformance Index, the more efficient the home.

,Columbia County,FL,32056

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Detached
3. Number of units, if multiple family		1
4. Number of Bedrooms		4
5. Is this a worst case?		No
6. Conditioned floor area above grade (ft²)		2100
Conditioned floor area below grade (ft²)		0

7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.30	226.30 ft²
SHGC:	SHGC=0.25	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		1.000 ft
Area Weighted Average SHGC:		0.250

8. Skylights	Description	Area
U-Factor:(AVG)	N/A	N/A ft²
SHGC(AVG):	N/A	

9. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R= 0.0	2099.40 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

10. Wall Types(1800.0 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1800.00 ft²
b. N/A		
c. N/A		
d. N/A		

11. Ceiling Types(2100.0 sqft.)	Insulation	Area
a. Flat ceiling under att (Vented)	R=38.0	2100.00 ft²
b. N/A		
c. N/A		

12. Roof(Comp. Shingles, Vented)	Deck R=0.0	2348 ft²

13. Ducts, location & insulation level	R	ft²
a. Sup: Attic, Ret: Attic, AH: Laundry	6	200
b.		
c.		

14. Cooling Systems	kBtu/hr	Efficiency
a. Central Unit	34.4	SEER2:14.30

15. Heating Systems	kBtu/hr	Efficiency
a. Electric Heat Pump	34.4	HSPF2:7.50

16. Hot Water Systems	
a. Electric	Cap: 40 gallons
	EF: 0.950
b. Conservation features	
	None
17. Credits	Pstat

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: City/FL Zip: Columbia County,FL,32056

*Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida Energy Rating. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

**Label required by Section R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

FORM R405-2023

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	J-10535 - C-1309	Builder Name:	
Street:		Permit Office:	
City, State, Zip:	Columbia County, FL, 32056	Permit Number:	
Owner:	PLUMB LEVEL/SNIDER	Jurisdiction:	
Design Location:	FL, Gainesville	County:	Columbia(Florida Climate Zone 2)

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Detached
3. Number of units, if multiple family	1
4. Number of Bedrooms	4
5. Is this a worst case?	No
6. Conditioned floor area above grade (ft²)	2100
Conditioned floor area below grade (ft²)	0

7. Windows(226.3 sqft.)	Description	Area
a. U-Factor:	Dbl, U=0.30	226.30 ft²
SHGC:	SHGC=0.25	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		1.000 ft
Area Weighted Average SHGC:		0.250

8. Skylights	Description	Area
U-Factor:(AVG)	N/A	N/A ft²
SHGC(AVG):	N/A	

9. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R= 0.0	2099.40 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

10. Wall Types(1800.0 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1800.00 ft²
b. N/A		
c. N/A		
d. N/A		

11. Ceiling Types(2100.0 sqft.)	Insulation	Area
a. Flat ceiling under att (Vented)	R=38.0	2100.00 ft²
b. N/A		
c. N/A		

12. Roof(Comp. Shingles, Vented)	Deck R=0.0	2348 ft²

13. Ducts, location & insulation level	R	ft²
a. Sup: Attic, Ret: Attic, AH: Laundry	6	200
b.		
c.		

14. Cooling Systems	kBtu/hr	Efficiency
a. Central Unit	34.4	SEER2:14.30

15. Heating Systems	kBtu/hr	Efficiency
a. Electric Heat Pump	34.4	HSPF2:7.50

16. Hot Water Systems	
a. Electric	Cap: 40 gallons
	EF: 0.950
b. Conservation features	None
17. Credits	Pstat

Glass/Floor Area: 0.108

Total Proposed Modified Loads: 51.25

Total Baseline Loads: 54.08

PASS

NOTE: Proposed residence must have annual total normalized Modified Loads that are less than or equal to 95 percent of the annual total loads of the standard reference design in order to comply.

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: David Marrs

DATE: 1/23/24

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.

- Compliance with a proposed duct leakage Qn requires a PERFORMANCE Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires a PERFORMANCE envelope leakage test report with envelope leakage no greater than 5.50 ACH50 (R402.4.1.2).

FORM R405-2023

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	J-10535 - C-1309			Address type:	Street Address
Building Type:	User	Bedrooms:	4	Lot #:	---
Owner:	PLUMB LEVEL/SNIDER	Conditioned Area:	2100	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:	No	City, State, Zip:	Columbia County,
Family Type:	Detached	Whole House Fan:	No		FL, 32056
New/Existing:	New (From Plans)	Terrain:	Suburban		
Year Construct:		Shielding:	Suburban		
Comment:					

CLIMATE

√	Design Location	Tmy Site	Design Temp 97.5%	Design Temp 2.5%	Int Design Temp Winter	Int Design Temp 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	2100	18900 cu ft

SPACES

√	Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___	1	Bed 3	161	1449	No	1	1	Yes	Yes	Yes
___	2	Bath 2	45	405	No	0		Yes	Yes	Yes
___	3	Bed 2	147	1323	No	1	1	Yes	Yes	Yes
___	4	Bath 1	44	396	No	0		Yes	Yes	Yes
___	5	Bed 1	128	1152	No	1	1	Yes	Yes	Yes
___	6	Living/Kitch/Dine	770	6930	Yes	0		Yes	Yes	Yes
___	7	Pantry	32	288	No	0		No	Yes	Yes
___	8	Laundry	90	810	No	0		Yes	Yes	Yes
___	9	M Bath	100	900	No	0		No	Yes	Yes
___	10	M WC	17	153	No	0		No	Yes	Yes
___	11	M WIC 2	62	558	No	0		Yes	Yes	Yes
___	12	Master Bed	239	2151	No	2	1	Yes	Yes	Yes
___	13	M WIC	55	495	No	0		Yes	Yes	Yes
___	14	Hall 2	68	612	No	0		No	Yes	Yes
___	15	Hall 3	87	783	No	0		Yes	Yes	Yes
___	16	Hall1	55	495	No	0		No	Yes	Yes

FLOORS (Total Exposed Area = 2099 sq.ft.)

√	#	Floor Type	Space	Exposed Perim(ft)	Area	R-Value Perim.	R-Value Joist	U-Factor	Slab Insul. Vert/Horiz	Tile	Wood	Carpet
___	1	Slab-On-Grade Edge Ins	Bed 3	24.5	161 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	2	Slab-On-Grade Edge Ins	Bath 2	7.5	45 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	3	Slab-On-Grade Edge Ins	Bed 2	23.4	147 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	4	Slab-On-Grade Edge Ins	Bath 1	5.5	44 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	5	Slab-On-Grade Edge Ins	Bed 1	13	127.5 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	6	Slab-On-Grade Edge Ins	Living/Kitch/Dine	46	770 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	7	Slab-On-Grade Edge Ins	Pantry	1	32 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	8	Slab-On-Grade Edge Ins	Laundry	19.5	90 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	9	Slab-On-Grade Edge Ins	M Bath	1	100 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00

INPUT SUMMARY CHECKLIST REPORT

FLOORS(Continued)

√	#	Floor Type	Space	Exposed Perim(ft)	Area	R-Value Perim.	R-Value Joist	U-Factor	Slab Insul. Vert/Horiz	Tile	Wood	Carpet
___	10	Slab-On-Grade Edge Ins	M WC	1	16.5 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	11	Slab-On-Grade Edge Ins	M WIC 2	8	62 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	12	Slab-On-Grade Edge Ins	Master Bed	31	239.3 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	13	Slab-On-Grade Edge Ins	M WIC	8.5	55.3 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	14	Slab-On-Grade Edge Ins	Hall 2	1	68 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	15	Slab-On-Grade Edge Ins	Hall 3	13	87 sqft	0	---	0.304	2 (ft)/0 (ft)	0.00	0.00	1.00
___	16	Slab-On-Grade Edge Ins	Hall1	1	54.8 sqft	0	---	0.304	2 (ft)/0 (ft)	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	2348 ft²	0 ft²	Medium	N	0.9	No	0.9	No	0	26.57

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___	1	Full attic	Vented	150	2100 ft²	N	N

CEILING (Total Exposed Area = 2100 sq.ft.)

√	#	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type
___	1	Flat ceiling under attic(Vented)	Bed 3	38.0	Blown	161.0ft²	0.049	0.10	Wood
___	2	Flat ceiling under attic(Vented)	Bath 2	38.0	Blown	45.0ft²	0.049	0.10	Wood
___	3	Flat ceiling under attic(Vented)	Bed 2	38.0	Blown	147.0ft²	0.049	0.10	Wood
___	4	Flat ceiling under attic(Vented)	Bath 1	38.0	Blown	44.0ft²	0.049	0.10	Wood
___	5	Flat ceiling under attic(Vented)	Bed 1	38.0	Blown	128.0ft²	0.049	0.10	Wood
___	6	Flat ceiling under attic(Vented)	Living/Kitch/Dine	38.0	Blown	770.0ft²	0.049	0.10	Wood
___	7	Flat ceiling under attic(Vented)	Pantry	38.0	Blown	32.0ft²	0.049	0.10	Wood
___	8	Flat ceiling under attic(Vented)	Laundry	38.0	Blown	90.0ft²	0.049	0.10	Wood
___	9	Flat ceiling under attic(Vented)	M Bath	38.0	Blown	100.0ft²	0.049	0.10	Wood
___	10	Flat ceiling under attic(Vented)	M WC	38.0	Blown	17.0ft²	0.049	0.10	Wood
___	11	Flat ceiling under attic(Vented)	M WIC 2	38.0	Blown	62.0ft²	0.049	0.10	Wood
___	12	Flat ceiling under attic(Vented)	Master Bed	38.0	Blown	239.0ft²	0.049	0.10	Wood
___	13	Flat ceiling under attic(Vented)	M WIC	38.0	Blown	55.0ft²	0.049	0.10	Wood
___	14	Flat ceiling under attic(Vented)	Hall 2	38.0	Blown	68.0ft²	0.049	0.10	Wood
___	15	Flat ceiling under attic(Vented)	Hall 3	38.0	Blown	87.0ft²	0.049	0.10	Wood
___	16	Flat ceiling under attic(Vented)	Hall1	38.0	Blown	55.0ft²	0.049	0.10	Wood

WALLS (Total Exposed Area = 1800 sq.ft.)

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area sq.ft.	U-Factor	Sheath R-Value	Frm. Frac.	Solar Absor.	Below Grade
___	1	N	Exterior	Frame - Wood	Bed 3	13.0	11.0	6	9.0	0	103.5	0.095	0	0.25	0.80	0 %
___	2	E	Exterior	Frame - Wood	Bed 3	13.0	13.0	0	9.0	0	117.0	0.095	0	0.25	0.80	0 %
___	3	N	Exterior	Frame - Wood	Bath 2	13.0	7.0	6	9.0	0	67.5	0.095	0	0.25	0.80	0 %
___	4	N	Exterior	Frame - Wood	Bed 2	13.0	11.0	0	9.0	0	99.0	0.095	0	0.25	0.80	0 %
___	5	W	Exterior	Frame - Wood	Bed 2	13.0	12.0	6	9.0	0	112.5	0.095	0	0.25	0.80	0 %
___	6	W	Exterior	Frame - Wood	Bath 1	13.0	5.0	6	9.0	0	49.5	0.095	0	0.25	0.80	0 %
___	7	W	Exterior	Frame - Wood	Bed 1	13.0	13.0	0	9.0	0	117.0	0.095	0	0.25	0.80	0 %
___	8	E	Exterior	Frame - Wood	Living/Kitch/Dine	13.0	32.0	0	9.0	0	288.0	0.095	0	0.25	0.80	0 %
___	9	W	Exterior	Frame - Wood	Living/Kitch/Dine	13.0	14.0	0	9.0	0	126.0	0.095	0	0.25	0.80	0 %

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INPUT SUMMARY CHECKLIST REPORT

WALLS(Continued)

	#	Ornt													
___	10	E	Exterior	Frame - Wood	Laundry	13.0	12.0	0	9.0	0	108.0	0.095	0	0.25	0.80	0 %
___	11	S	Exterior	Frame - Wood	Laundry	13.0	7.0	6	9.0	0	67.5	0.095	0	0.25	0.80	0 %
___	12	S	Exterior	Frame - Wood	M WIC 2	13.0	8.0	0	9.0	0	72.0	0.095	0	0.25	0.80	0 %
___	13	S	Exterior	Frame - Wood	Master Bed	13.0	14.0	6	9.0	0	130.5	0.095	0	0.25	0.80	0 %
___	14	W	Exterior	Frame - Wood	Master Bed	13.0	16.0	6	9.0	0	148.5	0.095	0	0.25	0.80	0 %
___	15	W	Exterior	Frame - Wood	M WIC	13.0	8.0	6	9.0	0	76.5	0.095	0	0.25	0.80	0 %
___	16	E	Exterior	Frame - Wood	Hall 3	13.0	13.0	0	9.0	0	117.0	0.095	0	0.25	0.80	0 %

DOORS (Total Exposed Area = 20 sq.ft.)

√	#	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
___	1	W	Exterior	Wood	Living/Kitch/Dine	None	0.39	3.00	0	6.00	8	20.1ft²

WINDOWS (Total Exposed Area = 226 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	0.30	0.25	N	N	18.0	1	3.00	6.00	1.0	1.0	Drapes/blinds	None
___	2	N	3	Metal	Low-E Double	Y	0.30	0.25	N	N	4.0	1	4.00	1.00	1.0	1.0	Drapes/blinds	None
___	3	W	5	Metal	Low-E Double	Y	0.30	0.25	N	N	18.0	1	3.00	6.00	1.0	1.0	Drapes/blinds	None
___	4	W	7	Metal	Low-E Double	Y	0.30	0.25	N	N	18.0	1	3.00	6.00	1.0	1.0	Drapes/blinds	None
___	5	E	8	Metal	Low-E Double	Y	0.30	0.25	N	N	16.0	1	4.00	4.00	1.0	1.0	Drapes/blinds	None
___	6	E	8	Metal	Low-E Double	Y	0.30	0.25	N	N	36.0	2	3.00	6.00	1.0	1.0	Drapes/blinds	None
___	7	E	8	Metal	Low-E Double	Y	0.30	0.25	N	N	40.2	1	6.00	6.67	1.0	1.0	Drapes/blinds	None
___	8	W	9	Metal	Low-E Double	Y	0.30	0.25	N	N	18.0	1	3.00	6.00	1.0	1.0	Drapes/blinds	None
___	9	S	11	Metal	Low-E Double	Y	0.30	0.25	N	N	20.1	1	3.00	6.67	1.0	1.0	Drapes/blinds	None
___	10	W	14	Metal	Low-E Double	Y	0.30	0.25	N	N	18.0	1	3.00	6.00	1.0	1.0	Drapes/blinds	None
___	11	E	16	Metal	Low-E Double	Y	0.30	0.25	N	N	20.0	1	3.00	6.67	1.0	1.0	Drapes/blinds	None

INFILTRATION

√	#	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___	1	Wholehouse	Proposed ACH(50)	0.00031	1733	95.05	178.45	0.1130	5.5	All	18900 cu ft

MASS

√	#	Mass Type	Area	Thickness	Furniture Fraction	Space
___	1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bed 3
___	2	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bath 2
___	3	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bed 2
___	4	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bath 1
___	5	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bed 1
___	6	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Living/Kitch/Dine
___	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	Laundry
___	9	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	M Bath
___	10	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	M WC
___	11	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	M WIC 2
___	12	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Master Bed
___	13	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	M WIC
___	14	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Hall 2
___	15	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Hall 3
___	16	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Hall1

FORM R405-2023

INPUT SUMMARY CHECKLIST REPORT

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: 7.50	34.4		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	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)	40.00 gal	61 gal	120 deg	Standard	None	10

		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	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	200 ft²	Attic	6.0	100 ft²	Prop. Leak Free	Laundry	---	---	0.030	0.50	1	1

TEMPERATURES

Programable Thermostat: Y Ceiling Fans: N

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]
Heating	[X]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]
Venting	[ ]	[ ]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[ ]

√	Thermostat Schedule: HERS 2006 Reference Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
___	Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
		PM	80	80	78	78	78	78	78	78	78	78	78	78
___	Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
		PM	78	78	78	78	78	78	78	78	78	78	78	78
___	Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
		PM	68	68	68	68	68	68	68	68	68	68	66	66
___	Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
		PM	68	68	68	68	68	68	68	68	68	68	66	66