FORM R405-2023

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	Reyes Residence	Builder Name:	John F. Crawford Homes, LLC
Street:		Permit Office:	Columbia
City, State, Zip:	, FL,	Permit Number:	
Owner:	John F Crawford Homes, LLC	Jurisdiction:	221000
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)	3128
Conditioned floor area below grade (ft²)	0

7. Windows(393.5 sqft.)	Description	Area
a. U-Factor:	Dbl, U=0.31	393.50 ft²
SHGC:	SHGC=0.24	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		4.750 ft
Area Weighted Average SHGC:		0.240

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	3127.50 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

10. Wall Types(3143.5 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	2701.00 ft²
b. Frame - Wood, Adjacent	R=13.0	442.50 ft²
c. N/A		
d. N/A		

11. Ceiling Types(3128.0 sqft.)	Insulation	Area
a. Roof Deck (Unvented)	R=30.0	3128.00 ft²
b. N/A		
c. N/A		

12. Roof(Comp. Shingles, Unvent)Deck	R=30.0	3909 ft²

13. Ducts, location & insulation level	R	ft²
a. Sup: Attic, Ret: Attic, AH: Garage	6	184
b.		
c.		

14. Cooling Systems	kBtu/hr	Efficiency
a. Central Unit	57.0	SEER2:16.00

15. Heating Systems	kBtu/hr	Efficiency
a. Electric Heat Pump	57.0	HSPF2:8.10

16. Hot Water Systems	
a. Electric	Cap: 50 gallons
	EF: 0.945
b. Conservation features	
	None
17. Credits	CF, Pstat

Glass/Floor Area: 0.126

Total Proposed Modified Loads: 73.53

Total Baseline Loads: 78.29

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: _____

DATE: 02/04/2026

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

OWNER/AGENT: John Crawford

DATE: 2/13/2026

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.

- Default duct leakage does not require a Duct Leakage Test Report.

- 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 5.05 ACH50 (R402.4.1.2).

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INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Reyes Residence			Address type:	Street Address
Building Type:	User	Bedrooms:	4	Lot #:	---
Owner:	John F Crawford Homes, LLC	Conditioned Area:	3128	Block/SubDivision:	---
Builder Home ID:		Total Stories:	1	PlatBook:	---
Builder Name:	John F. Crawford Homes, LLC	Worst Case:	No	Street:	
Permit Office:	Columbia	Rotate Angle:	0	County:	Columbia
Jurisdiction:	221000	Cross Ventilation:	No	City, State, Zip:	,
Family Type:	Detached	Whole House Fan:	No		FL,
New/Existing:	New (From Plans)	Terrain:	Suburban		
Year Construct:	2026	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	3128	32762 cu ft

SPACES

√	Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___	1	Bedroom #4	236	2124	No	1	1	Yes	Yes	Yes
___	2	WIC #4	34	306	No	0		Yes	Yes	Yes
___	3	Bathrm #4	57	513	No	0		No	Yes	Yes
___	4	WIC #3	38	342	No	0		Yes	Yes	Yes
___	5	Bedroom #3	196	1764	No	1	1	Yes	Yes	Yes
___	6	Bathrm #3	60	540	No	0		Yes	Yes	Yes
___	7	Bedroom #2	221	1989	No	1	1	Yes	Yes	Yes
___	8	Living Room	566	6792	No	0		Yes	Yes	Yes
___	9	Dining	215	2580	No	0		Yes	Yes	Yes
___	10	Foyer	130	1560	No	0		Yes	Yes	Yes
___	11	Coat Clst	20	180	No	0		No	Yes	Yes
___	12	Sitting	314	3454	No	0		Yes	Yes	Yes
___	13	Kitchen	319	3190	Yes	0		Yes	Yes	Yes
___	14	Laundry	76	760	No	0		No	Yes	Yes
___	15	Pantry	60	540	No	0		No	Yes	Yes
___	16	WIC Hers	48	480	No	0		Yes	Yes	Yes
___	17	WIC His	52	520	No	0		Yes	Yes	Yes
___	18	Mstr Bathrm	195	1950	No	0		Yes	Yes	Yes
___	19	Tlt	23	230	No	0		Yes	Yes	Yes
___	20	Mstr Bedroom	268	2948	No	2	1	Yes	Yes	Yes

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INPUT SUMMARY CHECKLIST REPORT

FLOORS (Total Exposed Area = 3128 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	Bedroom #4	39.5	236.3 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	2	Slab-On-Grade Edge Ins	WIC #4	4.5	33.8 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	3	Slab-On-Grade Edge Ins	Bathrm #4	1	57 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	4	Slab-On-Grade Edge Ins	WIC #3	5	37.5 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	5	Slab-On-Grade Edge Ins	Bedroom #3	27	195.8 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	6	Slab-On-Grade Edge Ins	Bathrm #3	16	60 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	7	Slab-On-Grade Edge Ins	Bedroom #2	26.5	221 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	8	Slab-On-Grade Edge Ins	Living Room	20	566 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	9	Slab-On-Grade Edge Ins	Dining	10.5	215.3 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	10	Slab-On-Grade Edge Ins	Foyer	10.5	129.8 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	11	Slab-On-Grade Edge Ins	Coat Clst	1	20.3 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	12	Slab-On-Grade Edge Ins	Sitting	52.5	313.5 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	13	Slab-On-Grade Edge Ins	Kitchen	23.5	319.3 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	14	Slab-On-Grade Edge Ins	Laundry	1	76 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	15	Slab-On-Grade Edge Ins	Pantry	1	60 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	16	Slab-On-Grade Edge Ins	WIC Hers	4.5	48 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	17	Slab-On-Grade Edge Ins	WIC His	14.5	52 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	18	Slab-On-Grade Edge Ins	Mstr Bathrm	19.5	194.8 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	19	Slab-On-Grade Edge Ins	Tlt	10	22.8 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00
___	20	Slab-On-Grade Edge Ins	Mstr Bedroom	33	268.3 sqft	0.0	---	0.473	2 (ft)/0 (ft)	0.00	1.00	0.00

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	Hip	Composition shingles	3909 ft²	0 ft²	0.00	Medium	N	0.9	No	0.9	No	30	36.87

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___	1	Full attic	Unvented	0	3127 ft²	N	N

CEILING (Total Exposed Area = 3128 sq.ft.)

√	#	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type
___	1	Flat ceiling under attic(Unvented)	Bedroom #4	0.0	Blown	236.0ft²	0.052	0.00	Wood
___	2	Flat ceiling under attic(Unvented)	WIC #4	0.0	Blown	34.0ft²	0.052	0.00	Wood
___	3	Flat ceiling under attic(Unvented)	Bathrm #4	0.0	Blown	57.0ft²	0.052	0.00	Wood
___	4	Flat ceiling under attic(Unvented)	WIC #3	0.0	Blown	38.0ft²	0.052	0.00	Wood
___	5	Flat ceiling under attic(Unvented)	Bedroom #3	0.0	Blown	196.0ft²	0.052	0.00	Wood
___	6	Flat ceiling under attic(Unvented)	Bathrm #3	0.0	Blown	60.0ft²	0.052	0.00	Wood
___	7	Flat ceiling under attic(Unvented)	Bedroom #2	0.0	Blown	221.0ft²	0.052	0.00	Wood
___	8	Flat ceiling under attic(Unvented)	Living Room	0.0	Blown	566.0ft²	0.052	0.00	Wood
___	9	Flat ceiling under attic(Unvented)	Dining	0.0	Blown	215.0ft²	0.052	0.00	Wood
___	10	Flat ceiling under attic(Unvented)	Foyer	0.0	Blown	130.0ft²	0.052	0.00	Wood
___	11	Flat ceiling under attic(Unvented)	Coat Clst	0.0	Blown	20.0ft²	0.052	0.00	Wood
___	12	Flat ceiling under attic(Unvented)	Sitting	0.0	Blown	314.0ft²	0.052	0.00	Wood
___	13	Flat ceiling under attic(Unvented)	Kitchen	0.0	Blown	319.0ft²	0.052	0.00	Wood
___	14	Flat ceiling under attic(Unvented)	Laundry	0.0	Blown	76.0ft²	0.052	0.00	Wood
___	15	Flat ceiling under attic(Unvented)	Pantry	0.0	Blown	60.0ft²	0.052	0.00	Wood
___	16	Flat ceiling under attic(Unvented)	WIC Hers	0.0	Blown	48.0ft²	0.052	0.00	Wood
___	17	Flat ceiling under attic(Unvented)	WIC His	0.0	Blown	52.0ft²	0.052	0.00	Wood
___	18	Flat ceiling under attic(Unvented)	Mstr Bathrm	0.0	Blown	195.0ft²	0.052	0.00	Wood
___	19	Flat ceiling under attic(Unvented)	Tlt	0.0	Blown	23.0ft²	0.052	0.00	Wood
___	20	Flat ceiling under attic(Unvented)	Mstr Bedroom	0.0	Blown	268.0ft²	0.052	0.00	Wood

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INPUT SUMMARY CHECKLIST REPORT

WALLS (Total Exposed Area = 3144 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	E	Exterior	Frame - Wood	Bedroom #4	13.0	13.0	6	9.0	0	121.5	0.095	0	0.25	0.80	0.0 %
___ 2	S	Exterior	Frame - Wood	Bedroom #4	13.0	17.0	6	9.0	0	157.5	0.095	0	0.25	0.80	0.0 %
___ 3	W	Exterior	Frame - Wood	Bedroom #4	13.0	8.0	6	9.0	0	76.5	0.095	0	0.25	0.80	0.0 %
___ 4	E	Exterior	Frame - Wood	WIC #4	13.0	4.0	6	9.0	0	40.5	0.095	0	0.25	0.80	0.0 %
___ 5	E	Exterior	Frame - Wood	WIC #3	13.0	5.0	0	9.0	0	45.0	0.095	0	0.25	0.80	0.0 %
___ 6	N	Exterior	Frame - Wood	Bedroom #3	13.0	12.0	6	9.0	0	112.5	0.095	0	0.25	0.80	0.0 %
___ 7	E	Exterior	Frame - Wood	Bedroom #3	13.0	14.0	6	9.0	0	130.5	0.095	0	0.25	0.80	0.0 %
___ 8	N	Exterior	Frame - Wood	Bathrm #3	13.0	10.0	0	9.0	0	90.0	0.095	0	0.25	0.80	0.0 %
___ 9	E	Exterior	Frame - Wood	Bathrm #3	13.0	6.0	0	9.0	0	54.0	0.095	0	0.25	0.80	0.0 %
___ 10	N	Exterior	Frame - Wood	Bedroom #2	13.0	13.0	0	9.0	0	117.0	0.095	0	0.25	0.80	0.0 %
___ 11	E	Exterior	Frame - Wood	Bedroom #2	13.0	7.0	0	9.0	0	63.0	0.095	0	0.25	0.80	0.0 %
___ 12	W	Exterior	Frame - Wood	Bedroom #2	13.0	6.0	6	9.0	0	58.5	0.095	0	0.25	0.80	0.0 %
___ 13	S	Exterior	Frame - Wood	Living Room	13.0	18.0	0	12.0	0	216.0	0.095	0	0.25	0.80	0.0 %
___ 14	W	Exterior	Frame - Wood	Living Room	13.0	2.0	0	12.0	0	24.0	0.095	0	0.25	0.80	0.0 %
___ 15	S	Exterior	Frame - Wood	Dining	13.0	10.0	6	12.0	0	126.0	0.095	0	0.25	0.80	0.0 %
___ 16	N	Exterior	Frame - Wood	Foyer	13.0	10.0	6	12.0	0	126.0	0.095	0	0.25	0.80	0.0 %
___ 17	N	Exterior	Frame - Wood	Sitting	13.0	15.0	0	11.0	0	165.0	0.095	0	0.25	0.80	0.0 %
___ 18	E	Exterior	Frame - Wood	Sitting	13.0	12.0	0	11.0	0	132.0	0.095	0	0.25	0.80	0.0 %
___ 19	W	Exterior	Frame - Wood	Sitting	13.0	2.0	0	11.0	0	22.0	0.095	0	0.25	0.80	0.0 %
___ 20	E	Exterior	Frame - Wood	Kitchen	13.0	2.0	0	10.0	0	20.0	0.095	0	0.25	0.80	0.0 %
___ 21	S	Exterior	Frame - Wood	Kitchen	13.0	11.0	6	10.0	0	115.0	0.095	0	0.25	0.80	0.0 %
___ 22	E	Exterior	Frame - Wood	WIC Hers	13.0	4.0	6	10.0	0	45.0	0.095	0	0.25	0.80	0.0 %
___ 23	E	Exterior	Frame - Wood	WIC His	13.0	6.0	6	10.0	0	65.0	0.095	0	0.25	0.80	0.0 %
___ 24	S	Exterior	Frame - Wood	WIC His	13.0	8.0	0	10.0	0	80.0	0.095	0	0.25	0.80	0.0 %
___ 25	S	Exterior	Frame - Wood	Mstr Bathrm	13.0	11.0	0	10.0	0	110.0	0.095	0	0.25	0.80	0.0 %
___ 26	W	Exterior	Frame - Wood	Mstr Bathrm	13.0	8.0	6	10.0	0	85.0	0.095	0	0.25	0.80	0.0 %
___ 27	S	Exterior	Frame - Wood	Tlt	13.0	3.0	6	10.0	0	35.0	0.095	0	0.25	0.80	0.0 %
___ 28	W	Exterior	Frame - Wood	Tlt	13.0	6.0	6	10.0	0	65.0	0.095	0	0.25	0.80	0.0 %
___ 29	W	Exterior	Frame - Wood	Mstr Bedroom	13.0	18.0	6	11.0	0	203.5	0.095	0	0.25	0.80	0.0 %
___ 30	N	Garage	Frame - Wood	Sitting	13.0	23.0	6	9.0	0	211.5	0.084		0.23	0.23	0.0 %
___ 31	N	Garage	Frame - Wood	Kitchen	13.0	25.0	8	9.0	0	231.0	0.084		0.23	0.23	0.0 %

DOORS (Total Exposed Area = 24 sq.ft.)

√ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
___ 1	N	Garage	Wood	Kitchen	Metal	0.46	3.00	0	8.00	0	24.0ft²

WINDOWS (Total Exposed Area = 394 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	1	Vinyl	Low-E Double	Y	0.31	0.24	N	N	36.0	2	3.00	6.00	1.0	1.0	Drapes/blinds	Ex. 50%
___ 2	N	6	Vinyl	Low-E Double	Y	0.31	0.24	N	N	36.0	2	3.00	6.00	1.5	2.5	Drapes/blinds	Ex. 50%
___ 3	N	8	Vinyl	Low-E Double	Y	0.31	0.24	N	N	8.0	1	2.00	4.00	1.5	2.5	Drapes/blinds	Ex. 50%
___ 4	N	10	Vinyl	Low-E Double	Y	0.31	0.24	N	N	17.5	1	2.92	6.00	6.0	2.5	Drapes/blinds	Ex. 50%
___ 5	N	10	Vinyl	Low-E Double	Y	0.31	0.24	N	N	18.0	1	3.00	6.00	6.0	2.5	Drapes/blinds	Ex. 50%
___ 6	S	13	Vinyl	Low-E Double	Y	0.31	0.24	N	N	96.0	1	12.00	8.00	7.0	1.0	None	None
___ 7	N	16	Vinyl	Low-E Double	Y	0.31	0.24	N	N	48.0	1	6.00	8.00	12.0	1.0	None	None
___ 8	N	17	Vinyl	Low-E Double	Y	0.31	0.24	N	N	24.0	2	2.00	6.00	1.5	6.0	Drapes/blinds	Ex. 50%
___ 9	N	17	Vinyl	Low-E Double	Y	0.31	0.24	N	N	18.0	1	3.00	6.00	1.5	8.0	Drapes/blinds	Ex. 50%
___ 10	N	17	Vinyl	Low-E Double	Y	0.31	0.24	N	N	8.0	2	2.00	2.00	1.5	8.0	None	None
___ 11	N	17	Vinyl	Low-E Double	Y	0.31	0.24	N	N	6.0	1	3.00	2.00	1.5	10.0	None	None
___ 12	S	21	Vinyl	Low-E Double	Y	0.31	0.24	N	N	24.0	1	6.00	4.00	7.0	1.0	None	None
___ 13	W	26	Vinyl	Low-E Double	Y	0.31	0.24	N	N	18.0	1	3.00	6.00	1.0	2.5	Drapes/blinds	Ex. 50%
___ 14	W	29	Vinyl	Low-E Double	Y	0.31	0.24	N	N	36.0	2	3.00	6.00	1.0	2.5	Drapes/blinds	Ex. 50%

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INPUT SUMMARY CHECKLIST REPORT

INFILTRATION

√	#	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___	1	Wholehouse	Proposed ACH(50)	0.00034	2757	151.28	284.02	0.1102	5.1	All	32762 cu ft

GARAGE

√	#	Floor Area	Length	Width	Roof Area	Exposed Perimeter	Area Under Uncond.	Avg. Wall Height	Exposed Wall Insulation
___	1	563 ft²	25.0 ft²	22.5 ft²	563 ft²	53 ft	563 ft	9 ft	19

MASS

√	#	Mass Type	Area	Thickness	Furniture Fraction	Space
___	1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bedroom #4
___	2	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	WIC #4
___	3	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bathrm #4
___	4	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	WIC #3
___	5	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bedroom #3
___	6	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bathrm #3
___	7	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bedroom #2
___	8	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Living Room
___	9	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Dining
___	10	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Foyer
___	11	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Coat Clst
___	12	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Sitting
___	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	Laundry
___	15	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Pantry
___	16	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	WIC Hers
___	17	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	WIC His
___	18	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Mstr Bathrm
___	19	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Tlt
___	20	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Mstr Bedroom

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: 8.10	57.0		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	Split/Single		SEER2:16.0	57.0	2000	0.70	sys#1	1

HOT WATER SYSTEM

√	#	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixt. Flow	Trap	Pipe Ins.	Pipe length
___	1	Electric	None	Garage	0.94 (0.93)	50.0 gal	62 gal	120 deg	Low	Yes	None	122

Recirculation System	Recirc Control Type	Loop length	Branch length	Pump power	DWHR	Facilities Connected	Equal Flow	DWHR Eff	Other Credits

FORM R405-2023

INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM(Continued)

___ 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	AHU Location	CFM 25 TOT|OUT	QN OUT	AHU SEALED	RLF	HVAC # Heat	HVAC # Cool
___	1	Attic	6.0	184 ft²	Attic	6.0	68 ft²	Default Leakage	Garage	(Default) (Default)				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		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

FORM R405-2023

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 94

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

,,FL,

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)		3128
Conditioned floor area below grade (ft²)		0

7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.31	393.50 ft²
SHGC:	SHGC=0.24	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		4.750 ft
Area Weighted Average SHGC:		0.240

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	3127.50 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

10. Wall Types(3143.5 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	2701.00 ft²
b. Frame - Wood, Adjacent	R=13.0	442.50 ft²
c. N/A		
d. N/A		

11. Ceiling Types(3128.0 sqft.)	Insulation	Area
a. Roof Deck (Unvented)	R=30.0	3128.00 ft²
b. N/A		
c. N/A		

12. Roof(Comp. Shingles, Unvent)Deck	R=30.0	3909 ft²

13. Ducts, location & insulation level	R	ft²
a. Sup: Attic, Ret: Attic, AH: Garage	6	184
b.		
c.		

14. Cooling Systems	kBtu/hr	Efficiency
a. Central Unit	57.0	SEER2:16.00

15. Heating Systems	kBtu/hr	Efficiency
a. Electric Heat Pump	57.0	HSPF2:8.10

16. Hot Water Systems	
a. Electric	Cap: 50 gallons
	EF: 0.945
b. Conservation features	
	None
17. Credits	CF, 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: John Crawford Date: 2/13/2026

Address of New Home: City/FL Zip: ,FL,

*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.

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

Project Name:	Reyes Residence	Builder Name:	John F. Crawford Homes, LLC
Street:		Permit Office:	Columbia
City, State, Zip:	, FL,	Permit Number:	
Owner:	John F Crawford Homes, LLC	Jurisdiction:	221000
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.

Certificate of Product Ratings

AHRI Certified Reference Number : 213310424 Date : 02-04-2026 Model Status : Production Stopped

AHRI Type : HRCU-A-CB (Split System: Heat Pump with Remote Outdoor Unit-Air-Source)

Series : 2-STAGE 17 SEER HP

Outdoor Unit Brand Name : CARRIER

Outdoor Unit Model Number (Condenser or Single Package) : GH7TAN460**AA*

Indoor Unit Model Number (Evaporator and/or Air Handler) : F54AA*D60L*

The manufacturer of this CARRIER product is responsible for the rating of this system combination.

Rated as follows in accordance with AHRI 210/240-2024 (I-P), Performance Rating of Unitary Air-Conditioning & Air-Source heat Pump Equipment and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (A_{Full}) – Single or High Stage (95F), btuh : 57000

SEER2 : 16.00

EER2 (A_{Full}) – Single or High Stage (95F) : 12.00

Heating Capacity ($H1_{Full}$) – Single or High Stage (47F), btuh : 60000

HSPF2 (Region IV) : 8.10

†"Active" Model Status are those that an AHRI Certification Program Participant is currently producing AND selling or offering for sale; OR new models that are being marketed but are not yet being produced."Production Stopped" Model Status are those that an AHRI Certification Program Participant is no longer producing BUT is still selling or offering for sale.

Ratings that are accompanied by WAS indicate an involuntary re-rate. The new published rating is shown along with the previous (i.e. WAS) rating.

The Department of Energy has published updated energy efficiency metrics for central air conditioners and heat pumps. This publication reflects both the 1987 metric (SEER) and the 2023 metric (SEER2). Efficiency requirements are published at 10 C.F.R. 430.32(c). Please refer to www.AHRInet.org for more information about updated energy efficiency metrics.

AIR-CONDITIONING, HEATING, & REFRIGERATION INSTITUTE

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CERTIFICATE NO.: 134146935713618316

Load Short Form
Entire House

New Age Dimensions, LLC.

Job: Reyes Residence
Date: 02/03/2026
By: John Pirkl
Plan: Manual J and D

14080 S.E. 122nd Lane Road, Ocklawaha, FL 32179 Phone: (352) 288 - 0686 Fax: (352) 288 - 0684 Email: john.newage@gmail.com

Project Information

For: John F Crawford Homes, LLC
1083 Bessent Road, Starke, FL 32091
Phone: (904) 338 - 5683
Email: crawforddevelopmentgroup@gmail.com

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	68	75
Design TD (°F)	35	17
Daily range	-	M
Inside humidity (%)	50	50
Moisture difference (gr/lb)	29	47

Infiltration

Method	Simplified
Construction quality	Semi-tight
Fireplaces	0

HEATING EQUIPMENT

Make	Carrier
Trade	2-STAGE 17 SEER HP
Model	GH7TAN46000AA0
AHRI ref	213310424

Efficiency	8.1 HSPF2	
Heating input		
Heating output	60000	Btuh @ 47°F
Temperature rise	29	°F
Actual air flow	1900	cfm
Air flow factor	0.041	cfm/Btuh
Static pressure	0.51	in H2O
Space thermostat		

Capacity balance point = 29 °F

Backup:
Input = 15 kW, Output = 51182 Btuh, 100 AFUE

COOLING EQUIPMENT

Make	Carrier
Trade	2-STAGE 17 SEER HP
Cond	GH7TAN46000AA0
Coil	F54AABD60L
AHRI ref	213310424

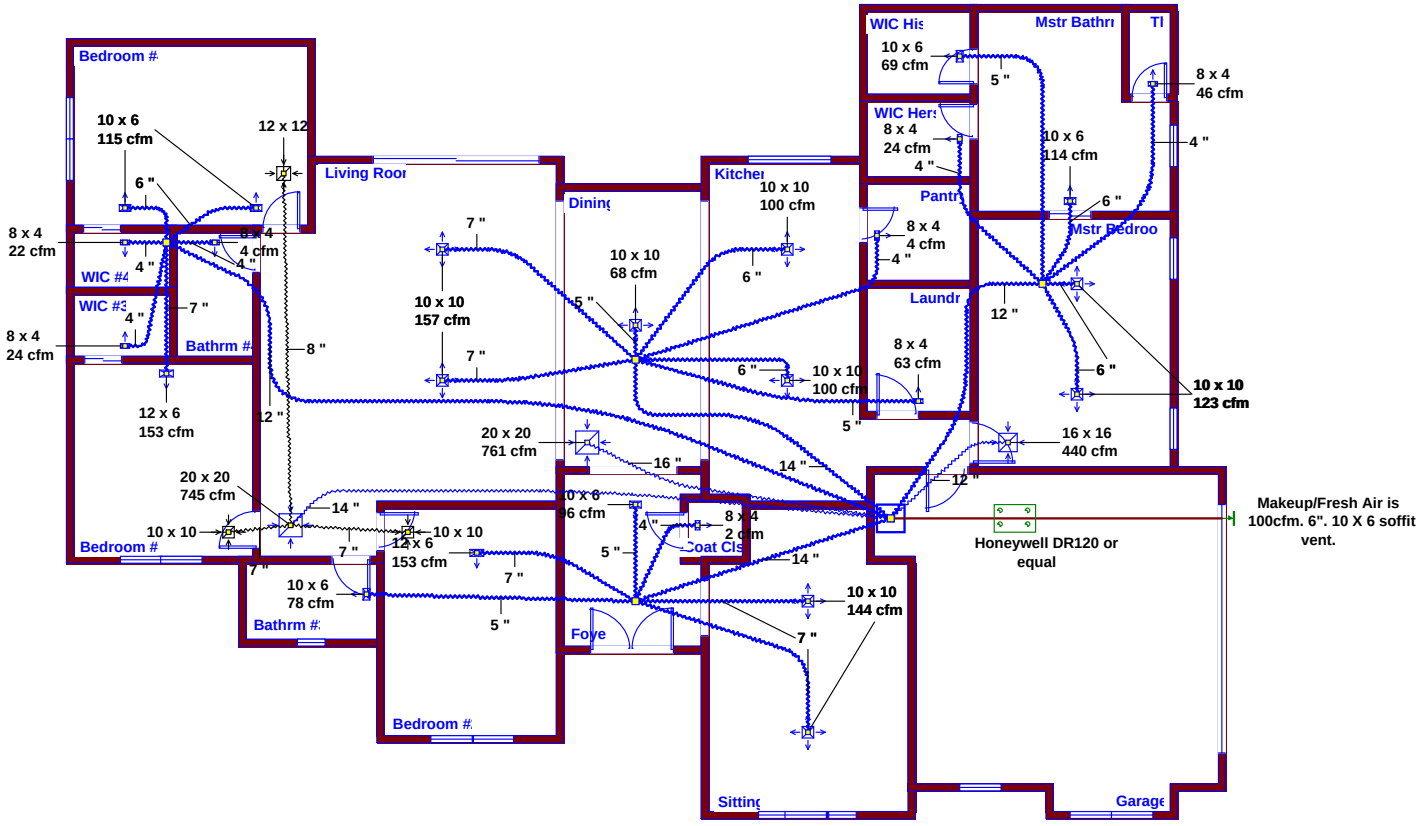
Efficiency	12.0 EER2, 16 SEER2	
Sensible cooling	39900	Btuh
Latent cooling	17100	Btuh
Total cooling	57000	Btuh
Actual air flow	1900	cfm
Air flow factor	0.056	cfm/Btuh
Static pressure	0.51	in H2O
Load sensible heat ratio	0.73	

ROOM NAME	Area (ft^2)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Bedroom #4	236	5073	4084	209	230
WIC #4	34	523	189	22	11
Bathrm #4	57	103	70	4	4
WIC #3	38	581	211	24	12
Bedroom #3	196	3716	2357	153	133
Bathrm #3	60	1882	687	78	39
Bedroom #2	221	3703	2366	153	133
Living Room	566	4997	5591	206	314
Dining	215	1650	725	68	41
Foyer	130	2322	1077	96	61
Coat Clst	20	37	25	2	1
Sitting	314	7009	4157	289	234
Kitchen	319	3576	3548	147	200
Laundry	76	138	1129	6	63

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Pantry	60	109	73	4	4
WIC Hers	48	575	223	24	13
WIC His	52	1666	594	69	33
Mstr Bathrm	195	2762	1922	114	108
Tlt	23	1125	394	46	22
Mstr Bedroom	268	4554	4360	188	245
Entire House	3127	46102	33781	1900	1900
Other equip loads		3783	3937		
Equip. @ 0.97 RSM			36587		
Latent cooling			13946		
TOTALS	3127	49885	50533	1900	1900

Sheet 1



Manual J was calculated with SPRAY FOAM sprayed 5 1/2" thick on bottom of roof deck.

Job #: Reyes Residence
Performed by John Pirkl for:
John F Crawford Homes, LLC
1083 Bessent Road
Starke, FL 32091
Phone: (904) 338 - 5683
crawforddevelopmentgroup@gmail.com

New Age Dimensions, LLC.
14080 S.E. 122nd Lane Road
Ocklawaha, FL 32179
Phone: (352) 288 - 0686 Fax: (352) 288 - 0684
john.newage@gmail.com

Scale: 1 : 167

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Manual S Compliance Report

Entire House

New Age Dimensions, LLC.

Job: Reyes Residence
Date: 02/03/2026
By: John Pirkl
Plan: Manual J and D

14080 S.E. 122nd Lane Road, Ocklawaha, FL 32179 Phone: (352) 288 - 0686 Fax: (352) 288 - 0684 Email: john.newage@gmail.com

Project Information

For: John F Crawford Homes, LLC
1083 Bessent Road, Starke, FL 32091
Phone: (904) 338 - 5683
Email: crawforddevelopmentgroup@gmail.com

Cooling Equipment

Design Conditions

Outdoor design DB:	92.0°F	Sensible gain:	37718	Btuh	Entering coil DB:	77.1°F
Outdoor design WB:	76.3°F	Latent gain:	13946	Btuh	Entering coil WB:	64.2°F
Indoor design DB:	75.0°F	Total gain:	51664	Btuh		
Indoor RH:	50%	Estimated airflow:	1900	cfm		

Manufacturer's Performance Data at Actual Design Conditions

Equipment type: Split ASHP
Manufacturer: Carrier Model: GH7TAN46000AA0+F54AABD60L

Actual airflow:	1900	cfm		
Sensible capacity:	39900	Btuh	106% of load	
Latent capacity:	17100	Btuh	123% of load	
Total capacity:	57000	Btuh	110% of load	SHR: 70%

Heating Equipment

Design Conditions

Outdoor design DB:	33.4°F	Heat loss:	49885	Btuh	Entering coil DB:	66.0°F
Indoor design DB:	68.0°F					

Manufacturer's Performance Data at Actual Design Conditions

Equipment type: Split ASHP
Manufacturer: Carrier Model: GH7TAN46000AA0+F54AABD60L

Actual airflow:	1900	cfm			
Output capacity:	60000	Btuh	120% of load	Capacity balance:	29 °F
Supplemental heat required:	0	Btuh		Economic balance:	-99 °F

Backup equipment type: Elec strip
Manufacturer: Model:

Actual airflow:	1900	cfm			
Output capacity:	15.0	kW	103% of load	Temp. rise:	34 °F

Meets all requirements of ACCA Manual S.

Duct System Summary

Entire House

New Age Dimensions, LLC.

Job: Reyes Residence
Date: 02/03/2026
By: John Pirkl
Plan: Manual J and D

14080 S.E. 122nd Lane Road, Ocklawaha, FL 32179 Phone: (352) 288 - 0686 Fax: (352) 288 - 0684 Email: john.newage@gmail.com

Project Information

For: John F Crawford Homes, LLC
1083 Bessent Road, Starke, FL 32091
Phone: (904) 338 - 5683
Email: crawforddevelopmentgroup@gmail.com

	Heating	Cooling
External static pressure	0.51 in H2O	0.51 in H2O
Pressure losses	0.18 in H2O	0.18 in H2O
Available static pressure	0.33 in H2O	0.33 in H2O
Supply / return available pressure	0.219 / 0.111 in H2O	0.219 / 0.111 in H2O
Lowest friction rate	0.880 in/100ft	0.880 in/100ft
Actual air flow	1900 cfm	1900 cfm
Total effective length (TEL)	372 ft	

Supply Branch Detail Table

Name		Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	H x W (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
Bathrm #3	h	1882	78	39	0.880	5.0	0x 0	VlFx	39.0	155.0	st2
Bathrm #4	h	103	4	4	0.880	4.0	0x 0	VlFx	66.4	170.0	st1
Bedroom #2	h	3703	153	133	0.880	7.0	0x 0	VlFx	31.9	160.0	st2
Bedroom #3	h	3716	153	133	0.880	7.0	0x 0	VlFx	72.4	170.0	st1
Bedroom #4	c	2042	105	115	0.880	6.0	0x 0	VlFx	68.4	175.0	st1
Bedroom #4-A	c	2042	105	115	0.880	6.0	0x 0	VlFx	70.2	175.0	st1
Coat Clst	h	37	2	1	0.880	4.0	0x 0	VlFx	27.5	160.0	st2
Dining	h	1650	68	41	0.880	5.0	0x 0	VlFx	27.6	165.0	st3
Foyer	h	2322	96	61	0.880	5.0	0x 0	VlFx	26.4	155.0	st2
Kitchen	c	1774	74	100	0.880	6.0	0x 0	VlFx	40.1	170.0	st3
Kitchen-A	c	1774	74	100	0.880	6.0	0x 0	VlFx	37.6	170.0	st3
Laundry	c	1129	6	63	0.880	5.0	0x 0	VlFx	46.0	170.0	st3
Living Room	c	2795	103	157	0.880	7.0	0x 0	VlFx	42.1	170.0	st3
Living Room-A	c	2795	103	157	0.880	7.0	0x 0	VlFx	39.2	170.0	st3
Mstr Bathrm	h	2762	114	108	0.880	6.0	0x 0	VlFx	30.8	170.0	st4
Mstr Bedroom	c	2180	94	123	0.880	6.0	0x 0	VlFx	32.9	170.0	st4
Mstr Bedroom-A	c	2180	94	123	0.880	6.0	0x 0	VlFx	26.7	165.0	st4
Pantry	h	109	4	4	0.880	4.0	0x 0	VlFx	46.9	170.0	st3
Sitting	h	3505	144	117	0.880	7.0	0x 0	VlFx	38.1	160.0	st2
Sitting-A	h	3505	144	117	0.880	7.0	0x 0	VlFx	31.9	155.0	st2
Tlt	h	1125	46	22	0.880	4.0	0x 0	VlFx	42.7	170.0	st4
WIC #3	h	581	24	12	0.880	4.0	0x 0	VlFx	72.0	175.0	st1
WIC #4	h	523	22	11	0.880	4.0	0x 0	VlFx	65.9	170.0	st1
WIC Hers	h	575	24	13	0.880	4.0	0x 0	VlFx	37.3	170.0	st4
WIC His	h	1666	69	33	0.880	5.0	0x 0	VlFx	46.7	170.0	st4

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
st1	Peak AVF	412	389	0.880	525	12.0	0 x 0	VinlFlx	
st2	Peak AVF	616	468	0.880	576	14.0	0 x 0	VinlFlx	
st3	Peak AVF	431	622	0.880	582	14.0	0 x 0	VinlFlx	
st4	Peak AVF	440	421	0.880	561	12.0	0 x 0	VinlFlx	

Return Branch Detail Table

Name	Grille Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb2	20x 18	715	761	87.9	0.880	545	16.0	0x 0		VlFx	
rb3	16x 13	440	421	75.6	0.880	561	12.0	0x 0		VlFx	
rb1	20x 17	745	718	124.6	0.880	697	14.0	0x 0		VlFx	rst3

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
rst3	Peak AVF	745	718	0.880	697	14.0	0 x 0	VinlFlx	