

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 100

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

Rodney Wade- Wright,Ft. White,FL,

1. New construction or existing	New (From Plans)	10. Wall Types(1710.0 sqft.)	Insulation	Area
2. Single family or multiple family	Detached	a. Frame - Wood, Exterior	R=13.0	1710.00 ft ²
3. Number of units, if multiple family	1	b. N/A	R=	ft ²
4. Number of Bedrooms	3	c. N/A	R=	ft ²
5. Is this a worst case?	No	d. N/A	R=	ft ²
6. Conditioned floor area above grade (ft ²)	1794	11. Ceiling Types(1794.0 sqft.)	Insulation	Area
Conditioned floor area below grade (ft ²)	0	a. Flat ceiling under att (Vented)	R=38.0	1794.00 ft ²
7. Windows**	Description	b. N/A	R=	ft ²
a. U-Factor:	Dbl, U=0.40	c. N/A	R=	ft ²
SHGC:	SHGC=0.20	12. Ducts, location & insulation level	R	ft ²
b. U-Factor:	N/A	a. Sup: Attic, Ret: Attic, AH: Great Roo	6	102
SHGC:		b.		
c. U-Factor:	N/A	c.		
SHGC:		13. Cooling Systems	kBtu/hr	Efficiency
Area Weighted Average Overhang Depth:	1.000 ft	a. Central Unit	48.0	SEER:14.00
Area Weighted Average SHGC:	0.200	14. Heating Systems	kBtu/hr	Efficiency
8. Skylights	Description	a. Electric Heat Pump	48.0	HSPF:8.20
U-Factor:(AVG)	N/A	15. Hot Water Systems		
SHGC(AVG):	N/A	a. ElectricTankless	Cap: 1 gallons	EF: 0.960
9. Floor Types	Insulation	b. Conservation features		None
a. Slab-On-Grade Edge Insulation	R= 0.0	16. Credits		None
b. N/A	R=			
c. N/A	R=			

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: 05-26-22

Address of New Home: Rodney Wade- Wright

City/FL Zip: Ft. White,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.

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Rodney Wade- Wright 2022	Bedrooms:	3	Address type:	Street Address
Building Type:	User	Conditioned Area:	1794	Lot #:	---
Owner:	Rodney Wade- Wright	Total Stories:	1	Block/SubDivision:	---
Builder Name:	Spann's Heating and Air INC.	Worst Case:	No	PlatBook:	---
Permit Office:		Rotate Angle:	0	Street:	Rodney Wade- Wright
Jurisdiction:		Cross Ventilation:	No	County:	Columbia
Family Type:	Detached	Whole House Fan:	No	City, State, Zip:	Ft. White, FL,
New/Existing:	New (From Plans)	Terrain:	Suburban		
Year Construct:		Shielding:	Suburban		
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	Entire House	1794	18357 cu ft

SPACES

✓ Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Finished	Cooled	Heated
___ 1	Flex Space	132	1188	No	0		No	Yes	Yes
___ 2	Closet	66	594	No	0		No	Yes	Yes
___ 3	Toilet	15	135	No	0		No	Yes	Yes
___ 4	Master Bath	132	1188	No	0		No	Yes	Yes
___ 5	Laundry	115	1035	No	0		No	Yes	Yes
___ 6	Pantry	42	378	No	0		No	Yes	Yes
___ 7	Master Bedroom	186	1674	No	2	1	No	Yes	Yes
___ 8	Great Room	437	5244	No	0		No	Yes	Yes
___ 9	Kitchen	300	3600	No	0		No	Yes	Yes
___ 10	Bedroom 2	157	1413	No	2	1	No	Yes	Yes
___ 11	Bath 2	47	423	No	0		No	Yes	Yes
___ 12	Bedroom 3	165	1485	No	2	1	No	Yes	Yes

FLOORS

(Total Exposed Area = 1793 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	Flex Space	23		132 ft	0.473	---	0.00	1.00	0.00
___ 2	Slab-On-Grade Edge Ins	Closet	5.5		66 ft	0.473	---	0.00	1.00	0.00
___ 3	Slab-On-Grade Edge Ins	Toilet	5		15 ft	0.473	---	0.00	1.00	0.00
___ 4	Slab-On-Grade Edge Ins	Master Bath	20		132.3 ft	0.473	---	0.00	1.00	0.00
___ 5	Slab-On-Grade Edge Ins	Laundry	9.5		114.5 ft	0.473	---	0.00	1.00	0.00
___ 6	Slab-On-Grade Edge Ins	Pantry	1		42.3 ft	0.473	---	0.00	1.00	0.00
___ 7	Slab-On-Grade Edge Ins	Master Bedroom	12		186 ft	0.473	---	0.00	1.00	0.00
___ 8	Slab-On-Grade Edge Ins	Great Room	20		436.5 ft	0.473	---	0.00	1.00	0.00
___ 9	Slab-On-Grade Edge Ins	Kitchen	22		300 ft	0.473	---	0.00	1.00	0.00
___ 10	Slab-On-Grade Edge Ins	Bedroom 2	27		156.8 ft	0.473	---	0.00	1.00	0.00
___ 11	Slab-On-Grade Edge Ins	Bath 2	5.5		46.8 ft	0.473	---	0.00	1.00	0.00
___ 12	Slab-On-Grade Edge Ins	Bedroom 3	26.5		165 ft	0.473	---	0.00	1.00	0.00

INPUT SUMMARY CHECKLIST REPORT

ROOF												
✓ #	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt Tested	Emitt Tested	Deck Insul.	Pitch (deg)
___ 1	Gable or Shed	Metal	1890 ft²	298 ft²	Finished, Galvalume	N	0.35	No	0.6	No	0	18.43

ATTIC						
✓ #	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
___ 1	Full attic	Vented	300	1793 ft²	N	N

CEILING (Total Exposed Area = 1794 sq.ft.)								
✓ #	Ceiling Type	Space	R-Value	Ins. Type	Area	U-Factor	Framing Frac.	Truss Type
___ 1	Flat ceiling under attic(Vented)	Flex Space	38.0	Blown	132.0ft²	0.049	0.10	Wood
___ 2	Flat ceiling under attic(Vented)	Closet	38.0	Blown	66.0ft²	0.049	0.10	Wood
___ 3	Flat ceiling under attic(Vented)	Toilet	38.0	Blown	15.0ft²	0.049	0.10	Wood
___ 4	Flat ceiling under attic(Vented)	Master Bath	38.0	Blown	132.0ft²	0.049	0.10	Wood
___ 5	Flat ceiling under attic(Vented)	Laundry	38.0	Blown	115.0ft²	0.049	0.10	Wood
___ 6	Flat ceiling under attic(Vented)	Pantry	38.0	Blown	42.0ft²	0.049	0.10	Wood
___ 7	Flat ceiling under attic(Vented)	Master Bedroom	38.0	Blown	186.0ft²	0.049	0.10	Wood
___ 8	Flat ceiling under attic(Vented)	Great Room	38.0	Blown	437.0ft²	0.049	0.10	Wood
___ 9	Flat ceiling under attic(Vented)	Kitchen	38.0	Blown	300.0ft²	0.049	0.10	Wood
___ 10	Flat ceiling under attic(Vented)	Bedroom 2	38.0	Blown	157.0ft²	0.049	0.10	Wood
___ 11	Flat ceiling under attic(Vented)	Bath 2	38.0	Blown	47.0ft²	0.049	0.10	Wood
___ 12	Flat ceiling under attic(Vented)	Bedroom 3	38.0	Blown	165.0ft²	0.049	0.10	Wood

WALLS (Total Exposed Area = 1710 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	Flex Space	13.0	12.0	0	9.0	0	108.0	0.095	0	0.25	0.80	0 %
___ 2	W	Exterior	Frame - Wood	Flex Space	13.0	11.0	0	9.0	0	99.0	0.095	0	0.25	0.80	0 %
___ 3	W	Exterior	Frame - Wood	Closet	13.0	5.0	6	9.0	0	49.5	0.095	0	0.25	0.80	0 %
___ 4	W	Exterior	Frame - Wood	Toilet	13.0	5.0	0	9.0	0	45.0	0.095	0	0.25	0.80	0 %
___ 5	S	Exterior	Frame - Wood	Master Bath	13.0	9.0	6	9.0	0	85.5	0.095	0	0.25	0.80	0 %
___ 6	W	Exterior	Frame - Wood	Master Bath	13.0	10.0	6	9.0	0	94.5	0.095	0	0.25	0.80	0 %
___ 7	N	Exterior	Frame - Wood	Laundry	13.0	9.0	6	9.0	0	85.5	0.095	0	0.25	0.80	0 %
___ 8	S	Exterior	Frame - Wood	Master Bedroom	13.0	12.0	0	9.0	0	108.0	0.095	0	0.25	0.80	0 %
___ 9	S	Exterior	Frame - Wood	Great Room	13.0	20.0	0	12.0	0	240.0	0.095	0	0.25	0.80	0 %
___ 10	N	Exterior	Frame - Wood	Kitchen	13.0	20.0	0	12.0	0	240.0	0.095	0	0.25	0.80	0 %
___ 11	W	Exterior	Frame - Wood	Kitchen	13.0	2.0	0	12.0	0	24.0	0.095	0	0.25	0.80	0 %
___ 12	N	Exterior	Frame - Wood	Bedroom 2	13.0	12.0	6	9.0	0	112.5	0.095	0	0.25	0.80	0 %
___ 13	E	Exterior	Frame - Wood	Bedroom 2	13.0	14.0	6	9.0	0	130.5	0.095	0	0.25	0.80	0 %
___ 14	E	Exterior	Frame - Wood	Bath 2	13.0	5.0	6	9.0	0	49.5	0.095	0	0.25	0.80	0 %
___ 15	E	Exterior	Frame - Wood	Bedroom 3	13.0	14.0	0	9.0	0	126.0	0.095	0	0.25	0.80	0 %
___ 16	S	Exterior	Frame - Wood	Bedroom 3	13.0	12.0	6	9.0	0	112.5	0.095	0	0.25	0.80	0 %

DOORS (Total Exposed Area = 84 sq.ft.)											
✓ #	Ornt	Adjacent To	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
___ 1	N	Exterior	Insulated	Laundry	None	0.40	3.00	0	7.00	0	21.0ft²
___ 2	S	Exterior	Insulated	Great Room	None	0.40	3.00	0	7.00	0	21.0ft²
___ 3	N	Exterior	Insulated	Kitchen	None	0.40	6.00	0	7.00	0	42.0ft²

INPUT SUMMARY CHECKLIST REPORT

WINDOWS (Total Exposed Area = 150 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	N	1	Vinyl	Double (Clear)	Y	0.40	0.20	N	N	15.0	1	3.00	5.00	1.0	1.0	None	None
___ 2	W	2	Vinyl	Double (Clear)	Y	0.40	0.20	N	N	15.0	1	3.00	5.00	1.0	1.0	None	None
___ 3	S	5	Vinyl	Double (Clear)	Y	0.40	0.20	N	N	15.0	1	3.00	5.00	1.0	1.0	None	None
___ 4	S	8	Vinyl	Double (Clear)	Y	0.40	0.20	N	N	30.0	1	6.00	5.00	1.0	1.0	None	None
___ 5	S	9	Vinyl	Double (Clear)	Y	0.40	0.20	N	N	30.0	1	6.00	5.00	1.0	1.0	None	None
___ 6	N	10	Vinyl	Double (Clear)	Y	0.40	0.20	N	N	15.0	1	3.00	5.00	1.0	1.0	None	None
___ 7	E	13	Vinyl	Double (Clear)	Y	0.40	0.20	N	N	15.0	1	3.00	5.00	1.0	1.0	None	None
___ 8	S	16	Vinyl	Double (Clear)	Y	0.40	0.20	N	N	15.0	1	3.00	5.00	1.0	1.0	None	None

INFILTRATION										
✓ #	Scope	Method	SLA	CFM50	ELA	EqLA	ACH	ACH50	Space(s)	Infiltration Test Volume
___ 1	Wholehouse	Proposed ACH(50)	0.00045	2142	117.50	220.59	0.1514	7.0	All	18357 cu ft

MASS					
✓ #	Mass Type	Area	Thickness	Furniture Fraction	Space
___ 1	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Flex Space
___ 2	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Closet
___ 3	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Toilet
___ 4	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Master Bath
___ 5	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Laundry
___ 6	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Pantry
___ 7	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Master Bedroom
___ 8	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Great Room
___ 9	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Kitchen
___ 10	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bedroom 2
___ 11	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bath 2
___ 12	Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.30	Bedroom 3

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		HSPF: 8.20	48.0	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		SEER:14.0	48.0	1440	0.80	sys#1	1

INPUT SUMMARY CHECKLIST REPORT

HOT WATER SYSTEM

#	System Type	Subtype	Location	EF(UEF)	Cap	Use	SetPnt	Fixture Flow	Pipe Ins.	Pipe length
1	Electric	Tankless	Exterior	0.96 (0.96)	1.00 gal	60 gal	120 deg	Standard	=>R-3	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 #	Supply Location	R-Value	Area	Return Location	R-Value	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM 25 OUT	QN	RLF	HVAC # Heat	HVAC # Cool
1	Attic	6.0	102 ft²	Attic	6.0	102 ft²	Default Leakage	Great Room (Default)	(Default)				1	1

TEMPERATURES

Programable Thermostat: N				Ceiling Fans: N										
Cooling	☐ Jan	☐ Feb	☐ Mar	☐ Apr	☐ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☐ Oct	☐ Nov	☐ Dec		
Heating	☒ Jan	☒ Feb	☒ Mar	☐ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☐ Oct	☒ Nov	☒ Dec		
Venting	☐ Jan	☐ Feb	☒ Mar	☒ Apr	☐ May	☐ Jun	☐ Jul	☐ Aug	☐ Sep	☒ Oct	☒ 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 80	78 80	78 78	78 78	78 78	78 78	80 78	80 78	80 78	80 78	
Cooling (WEH)	AM PM	78 80	78 80	78 80	78 80	78 78	78 78	78 78	78 78	80 78	80 78	80 78	80 78	
Heating (WD)	AM PM	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	68 68	68 68	68 68	68 68	68 68	



Load Short Form Entire House Spann's Heating and Air INC.

Job: Rodney Wade- Wright
Date: May 26, 2022
By:

16051 NW 30th Ave, Trenton, FL 32693 Phone: 3524636440 Email: spann21@bellsouth.net

Project Information

For: Rodney Wade- Wright

Design Information

	Htg	Clg	Infiltration	
Outside db (°F)	33	92	Method	Simplified
Inside db (°F)	70	75	Construction quality	Average
Design TD (°F)	37	17	Fireplaces	0
Daily range	-	M		
Inside humidity (%)	65	85		
Moisture difference (gr/lb)	49	0		

HEATING EQUIPMENT

Make Comfortmaker
Trade 14 SEER N SERIES R410AHP
Model N4H448GKG10
AHRI ref
Efficiency 8.2 HSPF
Heating input
Heating output 28200 Btuh @ 47°F
Temperature rise 27 °F
Actual air flow 953 cfm
Air flow factor 0.035 cfm/Btuh
Static pressure 0.70 in H2O
Space thermostat
Capacity balance point = 33 °F

Backup: n/a n/a
Input = 8 kW, Output = 25610 Btuh, 100 AFUE

COOLING EQUIPMENT

Make Comfortmaker
Trade 14 SEER N SERIES R410AHP
Cond N4H448GKG10
Coil FEM4X4800BL
AHRI ref
Efficiency 11.5 EER, 14 SEER
Sensible cooling 20020 Btuh
Latent cooling 8580 Btuh
Total cooling 28600 Btuh
Actual air flow 953 cfm
Air flow factor 0.049 cfm/Btuh
Static pressure 0.70 in H2O
Load sensible heat ratio 0.87

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Flex Space	132	3195	2095	112	103
Closet	66	703	350	25	17
Toilet	15	586	225	21	11
Master Bath	132	2642	1563	93	77
Laundry	115	1706	1840	60	90
Pantry	42	50	87	2	4
Master Bedroom	186	2010	1966	70	96
Great Room	437	4162	2847	146	140
Kitchen	300	4549	2924	160	143
Bedroom 2	157	3466	2645	122	130
Bath 2	47	680	610	24	30
Bedroom 3	165	3419	2273	120	112

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

Entire House	d	1793	27167	19424	953	953
Other equip loads			0	0		
Equip. @ 0.97 RSM				18822		
Latent cooling				2931		
TOTALS		1793	27167	21753	953	953

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



wrightsoft®
A Mitek® / Berkshire Hathaway Company

Right-Suite® Universal 2022 22.0.03 RSU08917

...ts\Wrightsoft HVAC\Rodney Wade- Wright 2022.rup Calc = MJ8 Front Door faces: W

2022-May-26 09:24:48

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Project Information

For: Rodney Wade- Wright

Notes:

Design Information

Weather: Gainesville Rgnl, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	85 %
Moisture difference	0 gr/lb

Heating Summary

Structure	21684 Btuh
Ducts	5483 Btuh
Central vent (0 cfm)	0 Btuh
(none)	
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	27167 Btuh

Sensible Cooling Equipment Load Sizing

Structure	12727 Btuh
Ducts	6697 Btuh
Central vent (0 cfm)	0 Btuh
(none)	
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	18822 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

Latent Cooling Equipment Load Sizing

Structure	1200 Btuh
Ducts	1731 Btuh
Central vent (0 cfm)	0 Btuh
(none)	
Equipment latent load	2931 Btuh

	Heating	Cooling
Area (ft²)	1793	1793
Volume (ft³)	18347	18347
Air changes/hour	0.38	0.20
Equiv. AVF (cfm)	116	61

Equipment Total Load (Sen+Lat)	21753 Btuh
Req. total capacity at 0.70 SHR	2.2 ton

Heating Equipment Summary

Make	Comfortmaker
Trade	14 SEER N SERIES R410A HP
Model	N4H448GKG10
AHRI ref	
Efficiency	8.2 HSPF
Heating input	
Heating output	28200 Btuh @ 47°F
Temperature rise	27 °F
Actual air flow	953 cfm
Air flow factor	0.035 cfm/Btuh
Static pressure	0.70 in H2O
Space thermostat	
Capacity balance point = 33 °F	
Backup: n/a n/a	
Input = 8 kW, Output = 25610 Btuh, 100 AFUE	

Cooling Equipment Summary

Make	Comfortmaker
Trade	14 SEER N SERIES R410A HP
Cond	N4H448GKG10
Coil	FEM4X4800BL
AHRI ref	
Efficiency	11.5 EER, 14 SEER
Sensible cooling	20020 Btuh
Latent cooling	8580 Btuh
Total cooling	28600 Btuh
Actual air flow	953 cfm
Air flow factor	0.049 cfm/Btuh
Static pressure	0.70 in H2O
Load sensible heat ratio	0.87

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



Right-J® Worksheet

Entire House

Spann's Heating and Air INC.

Job: Rodney Wade- Wright
Date: May 26, 2022
By:

16051 NW 30th Ave, Trenton, FL 32693 Phone: 3524636440 Email: spann21@bellsouth.net

1	Room name					Entire House					Flex Space				
2	Exposed wall					176.0 ft					23.0 ft				
3	Room height					10.2 ft					9.0 ft				
4	Room dimensions					d					12.0 x 11.0 ft				
5	Room area					1793.0 ft²					132.0 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	n	3.33	2.22	546	453	1509	1004	108	93	310	206	
11	G	1D-c2ov	0.400	n	14.64	10.92	30	0	439	328	15	0	220	164	
	D	11J0	0.600	n	21.96	17.61	63	63	1383	1109	0	0	0	0	
	W	12C-0sw	0.091	e	3.33	2.22	306	291	969	645	0	0	0	0	
	G	1D-c2ov	0.400	e	14.64	25.95	15	0	220	389	0	0	0	0	
	W	12C-0sw	0.091	s	3.33	2.22	546	435	1449	964	0	0	0	0	
	G	1D-c2ov	0.400	s	14.64	11.08	30	26	439	332	0	0	0	0	
	D	1D-c2ov	0.400	s	14.64	11.08	60	53	878	665	0	0	0	0	
	D	11J0	0.600	s	21.96	17.61	21	21	461	370	0	0	0	0	
	W	12C-0sw	0.091	w	3.33	2.22	312	297	989	658	99	84	280	186	
	G	1D-c2ov	0.400	w	14.64	25.95	15	0	220	389	15	0	220	389	
	C	16B-38md	0.026	-	0.95	1.37	1793	1793	1706	2464	132	132	126	181	
F	22A-tpl	0.989	-	36.20	0.00	1793	176	6371	0	132	23	833	0		
6	c) AED excursion									0				109	
	Envelope loss/gain								17034	9317			1987	1236	
12	a) Infiltration								4650	1130			563	137	
	b) Room ventilation								0	0			0	0	
13	Internal gains:		Occupants @	230		6			1380	0				0	
			Appliances/other						900					0	
	Subtotal (lines 6 to 13)								21684	12727			2550	1373	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			0	0	
	Subtotal								21684	12727			2550	1373	
15	Duct loads						25%	53%	5483	6697	25%	53%	645	722	
	Total room load								27167	19424			3195	2095	
	Air required (cfm)								953	953			112	103	

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

Right-J® Worksheet

Entire House

Spann's Heating and Air INC.

Job: Rodney Wade- Wright
Date: May 26, 2022
By:

16051 NW 30th Ave, Trenton, FL 32693 Phone: 3524636440 Email: spann21@bellsouth.net

1	Room name					Closet					Toilet				
2	Exposed wall					5.5 ft					5.0 ft				
3	Room height					9.0 ft					9.0 ft				
4	Room dimensions					12.0 x 5.5 ft					3.0 x 5.0 ft				
5	Room area					66.0 ft²					15.0 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	n	3.33	2.22	0	0	0	0	0	0	0	0	
11	G	1D-c2ov	0.400	n	14.64	10.92	0	0	0	0	0	0	0	0	
	D	11J0	0.600	n	21.96	17.61	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	e	3.33	2.22	0	0	0	0	0	0	0	0	
	G	1D-c2ov	0.400	e	14.64	25.95	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	s	3.33	2.22	0	0	0	0	0	0	0	0	
	G	1D-c2ov	0.400	s	14.64	11.08	0	0	0	0	0	0	0	0	
	G	1D-c2ov	0.400	s	14.64	11.08	0	0	0	0	0	0	0	0	
	D	11J0	0.600	s	21.96	17.61	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	w	3.33	2.22	50	50	165	110	45	45	150	100	
	G	1D-c2ov	0.400	w	14.64	25.95	0	0	0	0	0	0	0	0	
	C	16B-38md	0.026	-	0.95	1.37	66	66	63	91	15	15	14	21	
F	22A-tpi	0.989	-	36.20	0.00	66	6	199	0	15	5	181	0		
6	c) AED excursion								-4				-3		
	Envelope loss/gain								427	196			345	118	
12	a) Infiltration								135	33			122	30	
	b) Room ventilation								0	0			0	0	
13	Internal gains: Occupants @ Appliances/other 230						0		0	0	0		0	0	
	Subtotal (lines 6 to 13)								561	229			468	148	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			0	0	
	Subtotal								561	229			468	148	
15	Duct loads						25%	53%	142	121	25%	53%	118	78	
	Total room load								703	350			586	225	
	Air required (cfm)								25	17			21	11	

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

Right-J® Worksheet

Entire House

Spann's Heating and Air INC.

Job: Rodney Wade- Wright

Date: May 26, 2022

By:

16051 NW 30th Ave, Trenton, FI 32693 Phone: 3524636440 Email: spann21@bellsouth.net

1	Room name					Master Bath					Laundry				
2	Exposed wall					20.0 ft					9.5 ft				
3	Room height					9.0 ft					9.0 ft				
4	Room dimensions					1.0 x 132.3 ft					1.0 x 114.5 ft				
5	Room area					132.3 ft²					114.5 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	n	3.33	2.22	0	0	0	0	86	65	215	143	
11	G	1D-c2ov	0.400	n	14.64	10.92	0	0	0	0	0	0	0	0	
	D	11J0	0.600	n	21.96	17.61	0	0	0	0	21	21	461	370	
	W	12C-0sw	0.091	e	3.33	2.22	0	0	0	0	0	0	0	0	
	G	1D-c2ov	0.400	e	14.64	25.95	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	s	3.33	2.22	86	71	235	156	0	0	0	0	
	G	1D-c2ov	0.400	s	14.64	11.08	15	13	220	166	0	0	0	0	
	G	1D-c2ov	0.400	s	14.64	11.08	0	0	0	0	0	0	0	0	
	D	11J0	0.600	s	21.96	17.61	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	w	3.33	2.22	95	95	315	209	0	0	0	0	
	G	1D-c2ov	0.400	w	14.64	25.95	0	0	0	0	0	0	0	0	
	C	16B-38md	0.026	-	0.95	1.37	132	132	126	182	115	115	109	157	
F	22A-tpi	0.989	-	36.20	0.00	132	20	724	0	115	10	344	0		
6	c) AED excursion									-9				-21	
	Envelope loss/gain								1619	705			1129	649	
12	a) Infiltration								490	119			233	57	
	b) Room ventilation								0	0			0	0	
13	Internal gains:		Occupants @	230		0			0	200	0			0	
			Appliances/other											500	
	Subtotal (lines 6 to 13)								2108	1024			1361	1206	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			0	0	
	Subtotal								2108	1024			1361	1206	
15	Duct loads						25%	53%	533	539	25%	53%	344	634	
	Total room load								2642	1563			1706	1840	
	Air required (cfm)								93	77			60	90	

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

Right-J® Worksheet

Entire House

Spann's Heating and Air INC.

Job: Rodney Wade- Wright
Date: May 26, 2022
By:

16051 NW 30th Ave, Trenton, FL 32693 Phone: 3524636440 Email: spann21@bellsouth.net

1	Room name					Pantry					Master Bedroom				
2	Exposed wall					0 ft					12.0 ft				
3	Room height					9.0 ft 6.5 x 6.5 ft heat/cool					9.0 ft 12.0 x 15.5 ft heat/cool				
4	Room dimensions														
5	Room area					42.3 ft²					186.0 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	n	3.33	2.22	0	0	0	0	0	0	0	0	
11	G	1D-c2ov	0.400	n	14.64	10.92	0	0	0	0	0	0	0	0	
	D	11J0	0.600	n	21.96	17.61	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	e	3.33	2.22	0	0	0	0	0	0	0	0	
	G	1D-c2ov	0.400	e	14.64	25.95	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	s	3.33	2.22	0	0	0	0	108	78	260	173	
	G	1D-c2ov	0.400	s	14.64	11.08	0	0	0	0	0	0	0	0	
	G	1D-c2ov	0.400	s	14.64	11.08	0	0	0	0	30	26	439	332	
	D	11J0	0.600	s	21.96	17.61	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	w	3.33	2.22	0	0	0	0	0	0	0	0	
	G	1D-c2ov	0.400	w	14.64	25.95	0	0	0	0	0	0	0	0	
	C	16B-38md	0.026	-	0.95	1.37	42	42	40	58	186	186	177	256	
F	22A-tpi	0.989	-	36.20	0.00	42	0	0	0	186	12	434	0		
6	c) AED excursion								-1				-4		
	Envelope loss/gain							40	57			1310	757		
12	a) Infiltration							0	0			294	71		
	b) Room ventilation							0	0			0	0		
13	Internal gains: Occupants @ 230 Appliances/other					0			0	2			460		
	Subtotal (lines 6 to 13)							40	57			1604	1288		
14	Less external load							0	0			0	0		
	Less transfer							0	0			0	0		
	Redistribution							0	0			0	0		
	Subtotal							40	57			1604	1288		
15	Duct loads					25%	53%	10	30	25%	53%	406	678		
	Total room load							50	87			2010	1966		
	Air required (cfm)							2	4			70	96		

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

Right-J® Worksheet

Entire House

Spann's Heating and Air INC.

Job: Rodney Wade- Wright

Date: May 26, 2022

By:

16051 NW 30th Ave, Trenton, FL 32693 Phone: 3524636440 Email: spann21@bellsouth.net

1	Room name					Great Room					Kitchen				
2	Exposed wall					20.0 ft					22.0 ft				
3	Room height					12.0 ft					12.0 ft				
4	Room dimensions					1.0 x 436.5 ft					20.0 x 15.0 ft				
5	Room area					436.5 ft²					300.0 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	n	3.33	2.22	0	0	0	0	240	183	609	406	
11	D	1D-c2ov	0.400	n	14.64	10.92	0	0	0	0	15	0	220	164	
		11J0	0.600	n	21.96	17.61	0	0	0	0	42	42	922	740	
	W	12C-0sw	0.091	e	3.33	2.22	0	0	0	0	0	0	0	0	
		1D-c2ov	0.400	e	14.64	25.95	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	s	3.33	2.22	240	189	629	419	0	0	0	0	
		1D-c2ov	0.400	s	14.64	11.08	0	0	0	0	0	0	0	0	
	G	1D-c2ov	0.400	s	14.64	11.08	30	26	439	332	0	0	0	0	
		11J0	0.600	s	21.96	17.61	21	21	461	370	0	0	0	0	
	W	12C-0sw	0.091	w	3.33	2.22	0	0	0	0	24	24	80	53	
		1D-c2ov	0.400	w	14.64	25.95	0	0	0	0	0	0	0	0	
	C	16B-38md	0.026	-	0.95	1.37	437	437	415	600	300	300	285	412	
F	22A-tpl	0.989	-	36.20	0.00	437	20	724	0	300	22	796	0		
6	c) AED excursion									-14				-33	
	Envelope loss/gain								2669	1707			2913	1741	
12	a) Infiltration								653	159			718	174	
	b) Room ventilation								0	0			0	0	
13	Internal gains: Occupants @ 230 Appliances/other						0			0	0	0		0	0
	Subtotal (lines 6 to 13)								3322	1865			3631	1916	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			0	0	
	Subtotal								3322	1865			3631	1916	
15	Duct loads						25%	53%	840	982	25%	53%	918	1008	
	Total room load								4162	2847			4549	2924	
	Air required (cfm)								146	140			160	143	

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

Right-J® Worksheet

Entire House

Spann's Heating and Air INC.

Job: Rodney Wade- Wright
Date: May 26, 2022
By:

16051 NW 30th Ave, Trenton, FL 32693 Phone: 3524636440 Email: spann21@bellsouth.net

1	Room name					Bedroom 2					Bath 2				
2	Exposed wall					27.0 ft					5.5 ft				
3	Room height					9.0 ft					9.0 ft				
4	Room dimensions					1.0 x 156.8 ft					8.5 x 5.5 ft				
5	Room area					156.8 ft²					46.8 ft²				
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)		
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool	
6	W	12C-0sw	0.091	n	3.33	2.22	113	113	375	249	0	0	0	0	
11	G	1D-c2ov	0.400	n	14.64	10.92	0	0	0	0	0	0	0	0	
	D	11J0	0.600	n	21.96	17.61	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	e	3.33	2.22	131	116	385	256	50	50	165	110	
	G	1D-c2ov	0.400	e	14.64	25.95	15	0	220	389	0	0	0	0	
	W	12C-0sw	0.091	s	3.33	2.22	0	0	0	0	0	0	0	0	
	G	1D-c2ov	0.400	s	14.64	11.08	0	0	0	0	0	0	0	0	
	G	1D-c2ov	0.400	s	14.64	11.08	0	0	0	0	0	0	0	0	
	D	11J0	0.600	s	21.96	17.61	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	w	3.33	2.22	0	0	0	0	0	0	0	0	
	G	1D-c2ov	0.400	w	14.64	25.95	0	0	0	0	0	0	0	0	
	C	16B-38md	0.026	-	0.95	1.37	157	157	149	215	47	47	44	64	
F	22A-tpl	0.989	-	36.20	0.00	157	27	977	0	47	6	199	0		
6	c) AED excursion								3				-7		
	Envelope loss/gain							2105	1112			408	167		
12	a) Infiltration							661	161			135	33		
	b) Room ventilation							0	0			0	0		
13	Internal gains:		Occupants @	230		2			460	0	0		0	200	
			Appliances/other						0						
	Subtotal (lines 6 to 13)							2766	1733			543	400		
14	Less external load							0	0			0	0		
	Less transfer							0	0			0	0		
	Redistribution							0	0			0	0		
	Subtotal							2766	1733			543	400		
15	Duct loads					25%	53%	699	912	25%	53%	137	210		
	Total room load							3466	2645			680	610		
	Air required (cfm)							122	130			24	30		

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

Right-J® Worksheet

Entire House

Spann's Heating and Air INC.

Job: Rodney Wade- Wright
Date: May 26, 2022
By:

16051 NW 30th Ave, Trenton, FL 32693 Phone: 3524636440 Email: spann21@bellsouth.net

1	Room name					Bedroom 3								
2	Exposed wall					26.5 ft								
3	Room height					9.0 ft					heat/cool			
4	Room dimensions					1.0 x 165.0 ft								
5	Room area					165.0 ft²								
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area or perimeter		Load	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6	W	12C-0sw	0.091	n	3.33	2.22	0	0	0	0				
.	G	1D-c2ov	0.400	n	14.64	10.92	0	0	0	0				
.	D	11J0	0.600	n	21.96	17.61	0	0	0	0				
11	W	12C-0sw	0.091	e	3.33	2.22	126	126	420	279				
	G	1D-c2ov	0.400	e	14.64	25.95	0	0	0	0				
	W	12C-0sw	0.091	s	3.33	2.22	113	98	325	216				
	G	1D-c2ov	0.400	s	14.64	11.08	15	13	220	166				
	D	11J0	0.600	s	21.96	17.61	0	0	0	0				
	W	12C-0sw	0.091	w	3.33	2.22	0	0	0	0				
	G	1D-c2ov	0.400	w	14.64	25.95	0	0	0	0				
	C	16B-38md	0.026	-	0.95	1.37	165	165	157	227				
	F	22A-tpl	0.989	-	36.20	0.00	165	27	959	0				
6	c) AED excursion									-17				
	Envelope loss/gain								2080	872				
12	a) Infiltration								649	158				
	b) Room ventilation								0	0				
13	Internal gains:		Occupants @	230			2			460				
			Appliances/other							0				
	Subtotal (lines 6 to 13)								2729	1489				
	Less external load								0	0				
	Less transfer								0	0				
	Redistribution								0	0				
14	Subtotal								2729	1489				
15	Duct loads						25%	53%	690	784				
	Total room load								3419	2273				
	Air required (cfm)								120	112				

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



Residential Plans Examiner Review Form for HVAC System Design (Loads, Equipment, Ducts)

Form
RPER 1
15 Mar 09

Header Information

Contractor: Spann's Heating and Air INC.
Mechanical license: Jack Spann

Building plan #:

Home address (Street or Lot#, Block, Subdivision): , Entire House

REQUIRED ATTACHMENTS
Manual J1 Form (and supporting worksheets):
or MJ1AE Form* (and supporting worksheets):
OEM performance data (heating, cooling, blower):
Manual D Friction Rate Worksheet:
Duct distribution sketch:

ATTACHED
Yes ☐ No ☐
Yes ☐ No ☐
Yes ☐ No ☐
Yes ☐ No ☐
Yes ☐ No ☐

HVAC LOAD CALCULATION (IRC M1401.3)

Design Conditions

Winter Design Conditions

Outdoor temperature: 33 °F
Indoor temperature: 70 °F
Total heat loss: 27167 Btuh

Summer Design Conditions

Outdoor temperature: 92 °F
Indoor temperature: 75 °F
Grains difference: 0 gr/lb @85% RH
Sensible heat gain: 20046 Btuh
Latent heat gain: 3025 Btuh
Total heat gain: 23071 Btuh

Building Construction Information

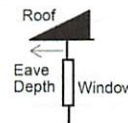
Building

Orientation: Front Door faces West
North, East, West, South, Northeast, Northwest, Southeast, Southwest

Number of bedrooms: 0
Conditioned floor area: 1793 ft²
Number of occupants: 6

Windows

Eave overhang depth: 1.0 ft
Internal shade: none
Blinds, drapes, etc.
Number of skylights: 0



HVAC EQUIPMENT SELECTION (IRC M1401.3)

Heating Equipment Data

Equipment type: Split ASHP
Furnace, Heat pump, Boiler, etc.
Model: Comfortmaker
N4H448GKG10+FEM4X4800BL
Heating output capacity: 0 Btuh
Heat pumps - capacity at winter design outdoor conditions
Aux. heating output capacity: 25610 Btuh

Cooling Equipment Data

Equipment type: Split ASHP
Air Conditioner, Heat pump, etc.
Model: Comfortmaker
N4H448GKG10+FEM4X4800BL
Total cooling capacity: 0 Btuh
Sensible cooling capacity: 0 Btuh
Latent cooling capacity: 0 Btuh

Blower Data

Heating cfm: 953
Cooling cfm: 953
Static pressure: 0.70 in H₂O
Fan's rated external static pressure for design airflow

HVAC DUCT DISTRIBUTION SYSTEM DESIGN (IRC M1601.1)

Design airflow: 953 cfm	Longest supply duct: 337 ft	Duct Materials Used
Equipment design ESP: 0.70 in H ₂ O	Longest return duct: 0 ft	Trunk duct: Fiberglass board
Total device pressure losses: 0 in H ₂ O	Total effective length (TEL): 337 ft	Branch duct: Round flex vinyl
Available static pressure (ASP): 0.70 in H ₂ O	Friction rate: 0.208 in/100ft	

Friction Rate = ASP ÷ (TEL × 100)

I declare the load calculation, equipment, equipment selection and duct design were rigorously performed based on the building plan listed above.
I understand the claims made on these forms will be subject to review and verification.

Contractor's printed name:

Contractor's signature:

Date:

Reserved for County, Town Municipality or Authority having jurisdiction use.

*Home qualifies for MJ1AE Form based on Abridged Edition Checklist



Duct System Summary

Entire House

Spann's Heating and Air INC.

Job: Rodney Wade- Wright
Date: May 26, 2022
By:

16051 NW 30th Ave, Trenton, FL 32693 Phone: 3524636440 Email: spann21@bellsouth.net

Project Information

For: Rodney Wade- Wright

	Heating	Cooling
External static pressure	0.70 in H2O	0.70 in H2O
Pressure losses	0 in H2O	0 in H2O
Available static pressure	0.70 in H2O	0.70 in H2O
Supply / return available pressure	0.350 / 0.350 in H2O	0.350 / 0.350 in H2O
Lowest friction rate	0.208 in/100ft	0.208 in/100ft
Actual air flow	953 cfm	953 cfm
Total effective length (TEL)	337 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
Bath 2	c 610	24	30	0.333	5.0	0x0	VFx	5.5	205.0	st1
Bedroom 2	c 2645	122	130	0.336	7.0	0x0	VFx	3.2	205.0	st1
Bedroom 3	h 3419	120	112	0.323	7.0	0x0	VFx	11.6	205.0	st1
Closet	h 703	25	17	0.219	5.0	0x0	VFx	39.0	280.0	st1
Flex Space	h 3195	112	103	0.225	6.0	0x0	VFx	41.2	270.0	st1
Great Room	h 4162	146	140	0.209	7.0	0x0	VFx	19.5	315.0	st1
Kitchen	h 4549	160	143	0.211	7.0	0x0	VFx	17.0	315.0	st1
Laundry	c 1840	60	90	0.211	6.0	0x0	VFx	31.5	300.0	st1
Master Bath	h 2642	93	77	0.221	6.0	0x0	VFx	46.6	270.0	st1
Master Bedroom	c 1966	70	96	0.213	7.0	0x0	VFx	38.5	290.0	st1
Pantry	c 87	2	4	0.208	5.0	0x0	VFx	32.0	305.0	st1
Toilet	h 586	21	11	0.220	5.0	0x0	VFx	48.6	270.0	st1

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	953	953	0.208	858	12.3	8 x 20	RectFbg	

Bold/italic values have been manually overridden



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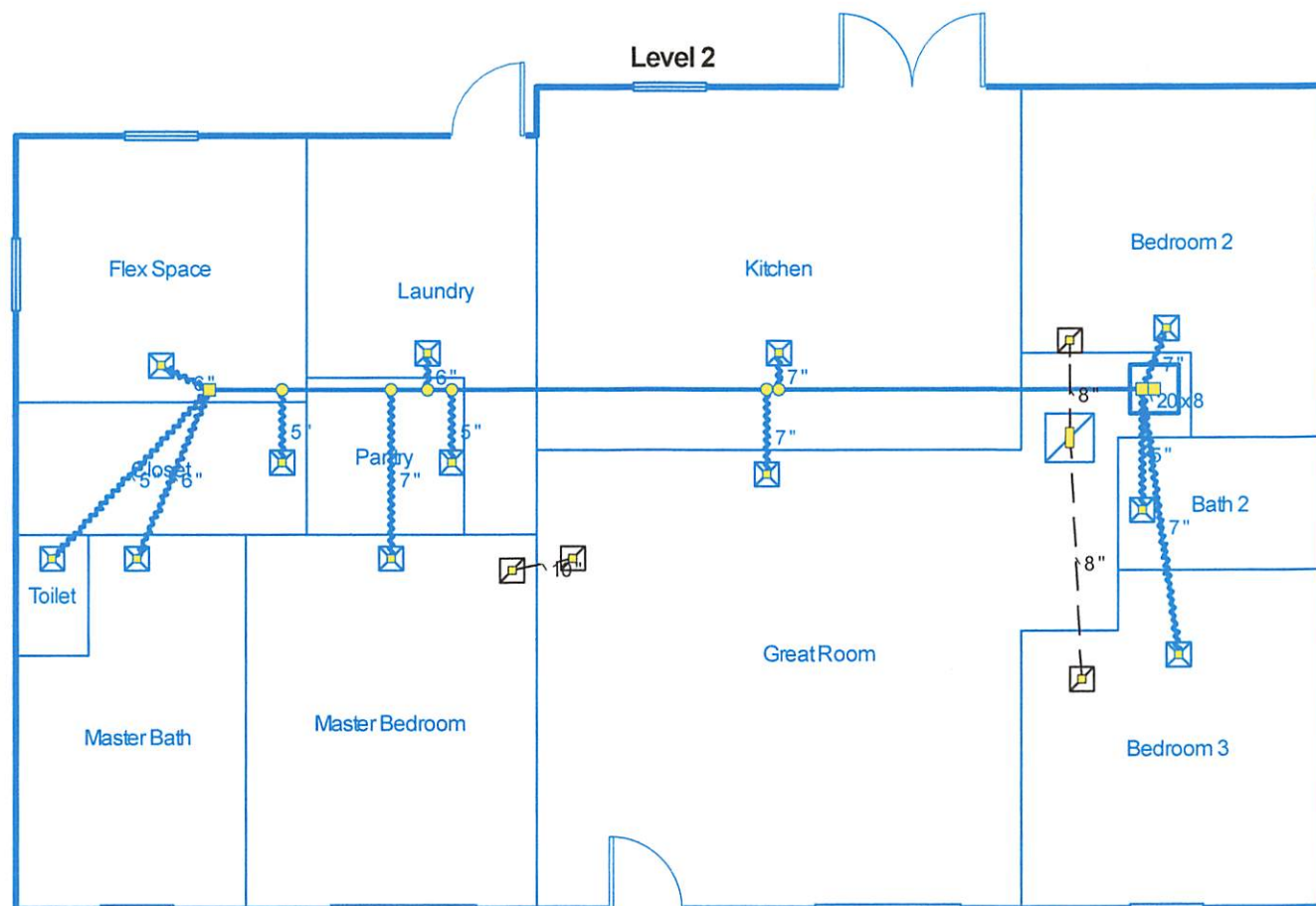
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Return Branch Detail Table

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
rb1	0x0	953	953	0	0	0	0	0x 0		VFX	





A/C Register locations to be determined. Registers may be moved due to trusses, dead wood, lights, fire alarms, and etc..

Job #: Rodney Wade- Wright
Performed for:
RodneyWade- Wright

Spann's Heating and Air INC.

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Scale: 1 : 95

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