



Manual S Compliance Report

Entire House

Strada Services

Job: Lot 35 2240-RHG-NW
Date: 10/06/2025
By: DCS

Sanford, FL 32771 Phone: 877-906-1113 Web: StradaServices.com License: CAC043953

Project Information

For: Adams Homes - Gainesville
525 SW Bellflower Dr, Lake City, FL 32024

Cooling Equipment

Design Conditions

Outdoor design DB:	92.4°F	Sensible gain:	27746	Btuh	Entering coil DB:	78.3°F
Outdoor design WB:	75.8°F	Latent gain:	4299	Btuh	Entering coil WB:	64.0°F
Indoor design DB:	75.0°F	Total gain:	32045	Btuh		
Indoor RH:	50%	Estimated airflow:	1167	cfm		

Manufacturer's Performance Data at Actual Design Conditions

Equipment type:	Split ASHP				
Manufacturer:	Carrier	Model:	GH5SAN53600AA0+FJ5ANXB36L00		
Actual airflow:	1167	cfm			
Sensible capacity:	29130	Btuh	105%	of load	
Latent capacity:	5168	Btuh	120%	of load	
Total capacity:	34298	Btuh	107%	of load	SHR: 85%

Heating Equipment

Design Conditions

Outdoor design DB:	33.3°F	Heat loss:	27163	Btuh	Entering coil DB:	70.0°F
Indoor design DB:	70.0°F					

Manufacturer's Performance Data at Actual Design Conditions

Equipment type:	Split ASHP				
Manufacturer:	Carrier	Model:	GH5SAN53600AA0+FJ5ANXB36L00		
Actual airflow:	0	cfm			
Output capacity:	35600	Btuh	131%	of load	Capacity balance: 28 °F
Supplemental heat required:	0	Btuh			Economic balance: -99 °F

Backup equipment type:	Elec strip				
Manufacturer:		Model:			
Actual airflow:	0	cfm			
Output capacity:	0	kW	0%	of load	Temp. rise: 0 °F

Meets all requirements of ACCA Manual S.



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2025-Oct-06 13:35:51

Page 1

...JLake\Lot 35 2240-RHG-NW\Lot 35 2240-RHG-NW.rup Calc = MJ8 Front Door faces: NW



Project Summary

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525 SW Bellflower Dr, Lake City, FL 32024

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

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

Ventilation Method MJ8

Heating Summary

Structure	23773 Btuh
Ducts (R-6.0)	3391 Btuh
Central vent (0 cfm)	0 Btuh

Humidification	0 Btuh
Piping	0 Btuh
Equipment load	27163 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	2177	2177
Volume (ft³)	19861	19861
Air changes/hour	0.32	0.16
Equiv. AVF (cfm)	106	53

Heating Equipment Summary

Make	Carrier
Trade	15 SEER2 HP
Model	GH5SAN53600AA0
AHRI ref	214101828

Efficiency	7.5 HSPF2
Heating input	
Heating output	35600 Btuh @ 47°F
Temperature rise	0 °F
Actual air flow	0 cfm
Air flow factor	0 cfm/Btuh
Static pressure	0.50 in H2O
Space thermostat	
Capacity balance point = 28 °F	

Backup:
Input = 0 kW, Output = 0 Btuh, 100 AFUE

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	43 gr/lb

Sensible Cooling Equipment Load Sizing

Structure	19249 Btuh
Ducts (R-6.0)	8497 Btuh
Central vent (0 cfm)	0 Btuh

Blower 0 Btuh

Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	27025 Btuh

Latent Cooling Equipment Load Sizing

Structure	2559 Btuh
Ducts	1740 Btuh
Central vent (0 cfm)	0 Btuh

Equipment latent load 4299 Btuh

Equipment Total Load (Sen+Lat)	31324 Btuh
Req. total capacity at 0.88 SHR	2.6 ton

Cooling Equipment Summary

Make	Carrier
Trade	15 SEER2 HP
Cond	GH5SAN53600AA0
Coil	FJ5ANXB36L00
AHRI ref	214101828

Efficiency	12.0 EER2, 14.5 SEER2
Sensible cooling	30800 Btuh
Latent cooling	4200 Btuh
Total cooling	35000 Btuh
Actual air flow	1167 cfm
Air flow factor	0.042 cfm/Btuh
Static pressure	0.50 in H2O
Load sensible heat ratio	0.87

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



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A Mittek® / Beckhous Hathaway Company

Right-Suite® Universal 2025 25.0.01 RSU57803

...Lake/Lot 35 2240-RHG-NW/Lot 35 2240-RHG-NW.rup Calc = MJ8 Front Door faces: NW

2025-Oct-06 13:35:51

Page 1

Sanford, FL 32771 Phone: 877-906-1113 Web: StradaServices.com License: CAC043953

1	Room name						Entire House				M Bed			
2	Exposed wall						217.0 ft				33.5 ft			
3	Room height						9.0 ft				8.0 ft			
4	Room dimensions						2209.0 ft²				13.0 x 20.5 ft			
5	Room area						2209.0 ft²				266.5 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	ne	3.34	2.76	396	396	1323	1095	0	0	0	0
11	W	12C-0sw	0.091	se	3.34	2.76	549	412	1375	1138	104	74	247	205
	G	10C-v	0.330	se	12.11	13.72	17	2	209	236	0	0	0	0
		2A-2ov	0.330	se	12.11	16.69	120	15	1453	2003	30	4	363	501
	W	12C-0sw	0.091	sw	3.34	2.76	396	360	1202	995	164	134	448	370
	G	2A-2ov	0.330	sw	12.11	15.94	6	1	73	96	0	0	0	0
		2A-2ov	0.330	sw	12.11	16.69	30	4	363	501	30	4	363	501
	W	12C-0sw	0.091	nw	3.34	2.76	340	253	845	699	0	0	0	0
	G	2A-2ov	0.330	nw	12.11	17.07	15	0	182	256	0	0	0	0
		2A-2ov	0.330	nw	12.11	17.07	72	0	872	1229	0	0	0	0
	W	W-1 CMU Walls-U201-D	0.201	nw	7.38	5.11	50	23	172	119	0	0	0	0
		2A-2ov	0.330	nw	12.11	19.88	7	0	81	133	0	0	0	0
		11D0	0.390	nw	14.31	11.68	20	20	286	234	0	0	0	0
	R	12E-0sw	0.068	-	2.50	0.85	160	142	355	120	0	0	0	0
		11D0	0.390	n	14.31	11.68	18	18	254	208	0	0	0	0
	C	16B-30ad	0.032	-	1.17	1.71	2209	2209	2594	3778	266	266	313	456
	F	22A-tpl	0.989	-	36.30	0.00	2209	217	7876	0	266	34	1216	0

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



Right-J® Worksheet

Entire House

Strada Services

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1	Room name					M WC 8.0 ft 6.5 ft 22.8 ft ² 3.5 x 6.5 ft					M Bath 8.0 ft 5.0 ft 121.9 ft ² 1.0 x 121.9 ft				
2	Exposed wall					heat/cool					heat/cool				
3	Room height														
4	Room dimensions														
5	Room area														
	Ty	Construction number	U-value (Btuh/ft ² ·°F)	Or	HTM (Btuh/ft ²)		Area (ft ²) or perimeter (ft)		Load (Btuh)		Area (ft ²) 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	ne	3.34	2.76	0	0	0	0	0	0	0	0	0
.	W	12C-0sw	0.091	se	3.34	2.76	0	0	0	0	0	0	0	0	0
.	G	10C-v	0.330	se	12.11	13.72	0	0	0	0	0	0	0	0	0
.	G	2A-2ov	0.330	se	12.11	16.69	0	0	0	0	0	0	0	0	0
11	W	12C-0sw	0.091	sw	3.34	2.76	52	46	154	127	0	0	0	0	0
.	G	2A-2ov	0.330	sw	12.11	15.94	6	1	73	96	0	0	0	0	0
.	G	2A-2ov	0.330	sw	12.11	16.69	0	0	0	0	0	0	0	0	0
.	W	12C-0sw	0.091	nw	3.34	2.76	0	0	0	0	0	0	0	0	0
.	G	2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	0	0	0	0	0
.	G	2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	0	0	0	0	0
.	W	W-1 CMU Walls-U201-D	0.201	nw	7.38	5.11	0	0	0	0	0	0	0	0	0
.	G	2A-2ov	0.330	nw	12.11	19.88	0	0	0	0	0	0	0	0	0
.	D	11D0	0.390	nw	14.31	11.68	0	0	0	0	0	0	0	0	0
.	R	12E-0sw	0.068	-	2.50	0.85	0	0	0	0	40	40	100	34	0
.	D	11D0	0.390	n	14.31	11.68	0	0	0	0	0	0	0	0	0
.	C	16B-30ad	0.032	-	1.17	1.71	23	23	27	39	122	122	143	208	0
.	F	22A-tpi	0.989	-	36.30	0.00	23	6	236	0	122	5	181	0	0
6	c) AED excursion								23						-19
	Envelope loss/gain								489	284			424	224	
12	a) Infiltration								128	30			0	0	
	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)								617	315			424	224	
	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			0	0	
14	Subtotal								617	315			424	224	
15	Duct loads						14%	44%	88	139	14%	44%	61	99	
	Total room load								705	454			485	322	
	Air required (cfm)								0	19			0	14	

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1	Room name					M Wic1 5.5 ft					M Wic2 13.0 ft				
2	Exposed wall					8.0 ft					8.0 ft				
3	Room height					1.0					1.0				
4	Room dimensions					32.6 ft					36.2 ft				
5	Room area					32.6 ft²					36.2 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	ne	3.34	2.76	0	0	0	0	0	0	0	0	
11	W	12C-0sw	0.091	se	3.34	2.76	0	0	0	0	0	0	0	0	
	└─G	10C-v	0.330	se	12.11	13.72	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	se	12.11	16.69	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.76	0	0	0	0	60	60	200	166	
	└─G	2A-2ov	0.330	sw	12.11	15.94	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	sw	12.11	16.69	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.76	0	0	0	0	0	0	0	0	
	└─G	2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	0	0	0	0	
	W	W-1 CMU Walls-U201-D	0.201	nw	7.38	5.11	0	0	0	0	0	0	0	0	
		└─G	2A-2ov	0.330	nw	12.11	19.88	0	0	0	0	0	0	0	0
	└─D	11D0	0.390	nw	14.31	11.68	0	0	0	0	0	0	0	0	
		R	12E-0sw	0.068	-	2.50	0.85	44	44	110	37	44	44	110	37
	└─D	11D0	0.390	n	14.31	11.68	0	0	0	0	0	0	0	0	
		C	16B-30ad	0.032	-	1.17	1.71	33	33	38	56	36	36	43	62
	F	22A-tpl	0.989	-	36.30	0.00	33	6	200	0	36	13	472	0	

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



Sanford, FL 32771 Phone: 877-906-1113 Web: StradaServices.com License: CAC043953

1	Room name					Laundry					Kitchen/Nook				
2	Exposed wall					6.5 ft					19.0 ft				
3	Room height					8.0 ft					10.0 ft				
4	Room dimensions					6.5 x 10.5 ft					1.0 x 302.8 ft				
5	Room area					68.2 ft²					302.8 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	ne	3.34	2.76	0	0	0	0	40	40	134	111	
11	W	12C-0sw	0.091	se	3.34	2.76	0	0	0	0	110	80	267	221	
	└─G	10C-v	0.330	se	12.11	13.72	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	se	12.11	16.69	0	0	0	0	30	4	363	501	
	W	12C-0sw	0.091	sw	3.34	2.76	0	0	0	0	40	40	134	111	
	└─G	2A-2ov	0.330	sw	12.11	15.94	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	sw	12.11	16.69	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.76	20	20	67	55	0	0	0	0	
	└─G	2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	0	0	0	0	
	W	W-1 CMU Walls-U201-D	0.201	nw	7.38	5.11	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	nw	12.11	19.88	0	0	0	0	0	0	0	0	
└─D	11D0	0.390	nw	14.31	11.68	0	0	0	0	0	0	0	0		
	12E-0sw	0.068	-	2.50	0.85	32	14	35	12	0	0	0	0		
└─D	11D0	0.390	n	14.31	11.68	18	18	254	208	0	0	0	0		
	C	16B-30ad	0.032	-	1.17	1.71	68	68	80	117	303	303	356	518	
	F	22A-tpl	0.989	-	36.30	0.00	68	6	236	0	303	19	690	0	

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

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1	Room name					Great					Dining				
2	Exposed wall					15.5 ft					14.5 ft				
3	Room height					10.0 ft					10.0 ft				
4	Room dimensions					1.0 x 388.8 ft					1.0 x 145.0 ft				
5	Room area					388.8 ft²					145.0 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	ne	3.34	2.76	0	0	0	0	40	40	134	111	
11	W	12C-0sw	0.091	se	3.34	2.76	155	108	360	298	0	0	0	0	
	└─G	10C-v	0.330	se	12.11	13.72	17	2	209	236	0	0	0	0	
		2A-2ov	0.330	se	12.11	16.69	30	4	363	501	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.76	0	0	0	0	0	0	0	0	
	└─G	2A-2ov	0.330	sw	12.11	15.94	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	sw	12.11	16.69	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.76	0	0	0	0	105	69	230	191	
	└─G	2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	36	0	436	614	
	W	W-1 CMU Walls-U201-D	0.201	nw	7.38	5.11	0	0	0	0	0	0	0	0	
		└─G	2A-2ov	0.330	nw	12.11	19.88	0	0	0	0	0	0	0	0
└─D	11D0	0.390	nw	14.31	11.68	0	0	0	0	0	0	0	0		
	12E-0sw	0.068	-	2.50	0.85	0	0	0	0	0	0	0	0		
R	└─D	11D0	0.390	n	14.31	11.68	0	0	0	0	0	0	0	0	
		16B-30ad	0.032	-	1.17	1.71	389	389	457	665	145	145	170	248	
F	22A-tpl	0.989	-	36.30	0.00	389	16	563	0	145	14	526	0		

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Right-J® Worksheet

Entire House

Strada Services

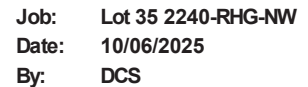
Job: Lot 35 2240-RHG-NW
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1	Room name					Bed 3 10.5 ft 8.0 ft 1.0 x 164.5 ft heat/cool 164.5 ft²					Bed 2 25.5 ft 8.0 ft 1.0 x 166.5 ft heat/cool 166.5 ft²				
2	Exposed wall														
3	Room height														
4	Room dimensions														
5	Room area														
	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	ne	3.34	2.76	0	0	0	0	108	108	361	299	
11	W	12C-0sw	0.091	se	3.34	2.76	84	69	230	191	96	81	271	224	
	G	10C-v	0.330	se	12.11	13.72	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	se	12.11	16.69	15	2	182	250	15	2	182	250	
	W	12C-0sw	0.091	sw	3.34	2.76	0	0	0	0	0	0	0	0	
	G	2A-2ov	0.330	sw	12.11	15.94	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	sw	12.11	16.69	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.76	0	0	0	0	0	0	0	0	
	G	2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	0	0	0	0	
		2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	0	0	0	0	
	W	W-1 CMU Walls-U201-D	0.201	nw	7.38	5.11	0	0	0	0	0	0	0	0	
	G	2A-2ov	0.330	nw	12.11	19.88	0	0	0	0	0	0	0	0	
11D0		0.390	nw	14.31	11.68	0	0	0	0	0	0	0	0		
R	D	12E-0sw	0.068	-	2.50	0.85	0	0	0	0	0	0	0	0	
		11D0	0.390	n	14.31	11.68	0	0	0	0	0	0	0	0	
C	16B-30ad		0.032	-	1.17	1.71	164	164	193	281	166	166	196	285	
F	22A-tpl		0.989	-	36.30	0.00	164	10	381	0	166	26	926	0	

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1	Room name					Bath 2					Foyer				
2	Exposed wall					7.5 ft					5.0 ft				
3	Room height					8.0 ft					10.0 ft				
4	Room dimensions					9.0 x 7.5 ft					1.0 x 54.0 ft				
5	Room area					67.5 ft²					54.0 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	ne	3.34	2.76	60	60	200	166	0	0	0	0	0
	W	12C-0sw	0.091	se	3.34	2.76	0	0	0	0	0	0	0	0	0
	G	10C-v	0.330	se	12.11	13.72	0	0	0	0	0	0	0	0	0
	G	2A-2ov	0.330	se	12.11	16.69	0	0	0	0	0	0	0	0	0
11	W	12C-0sw	0.091	sw	3.34	2.76	0	0	0	0	0	0	0	0	0
	G	2A-2ov	0.330	sw	12.11	15.94	0	0	0	0	0	0	0	0	0
	G	2A-2ov	0.330	sw	12.11	16.69	0	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	nw	3.34	2.76	0	0	0	0	0	0	0	0	0
	G	2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	0	0	0	0	0
	G	2A-2ov	0.330	nw	12.11	17.07	0	0	0	0	0	0	0	0	0
	W	W-1 CMU Walls-U201-D	0.201	nw	7.38	5.11	0	0	0	0	50	23	172	119	
	G	2A-2ov	0.330	nw	12.11	19.88	0	0	0	0	7	0	81	133	
	D	11D0	0.390	nw	14.31	11.68	0	0	0	0	20	20	286	234	
	R	12E-0sw	0.068	-	2.50	0.85	0	0	0	0	0	0	0	0	0
	D	11D0	0.390	n	14.31	11.68	0	0	0	0	0	0	0	0	0
	C	16B-30ad	0.032	-	1.17	1.71	68	68	79	115	54	54	63	92	
	F	22A-tpl	0.989	-	36.30	0.00	68	8	272	0	54	5	181	0	
6	c) AED excursion									-24				-4	
	Envelope loss/gain								552	257			784	574	
12	a) Infiltration								148	35			123	29	
	b) Room ventilation								0	0			0	0	
13	Internal gains: Occupants @ 230						0			0	0			0	
	Appliances/other									0				0	
	Subtotal (lines 6 to 13)								699	292			907	603	
	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			-907	-603	
14	Subtotal								699	292			0	0	
15	Duct loads						14%	44%	100	129	14%	44%	0	0	
	Total room load								799	421			0	0	
	Air required (cfm)								0	18			0	0	

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



Duct System Summary

Entire House

Strada Services

Job: Lot 35 2240-RHG-NW
Date: 10/06/2025
By: DCS

Sanford, FL 32771 Phone: 877-906-1113 Web: StradaServices.com License: CAC043953

Project Information

For: Adams Homes - Gainesville
525 SW Bellflower Dr, Lake City, FL 32024

	Heating	Cooling
External static pressure	0.50 in H2O	0.50 in H2O
Pressure losses	0.16 in H2O	0.16 in H2O
Available static pressure	0.34 in H2O	0.34 in H2O
Supply / return available pressure	0.170 / 0.170 in H2O	0.170 / 0.170 in H2O
Lowest friction rate	0.198 in/100ft	0.198 in/100ft
Actual air flow	0 cfm	1167 cfm
Total effective length (TEL)	172 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 421	0	18	0.202	4.0	0x0	VIFx	38.2	130.0	st3
Bed 2	c 2227	0	94	0.198	6.0	0x0	VIFx	41.5	130.0	st3
Bed 3	c 1687	0	71	0.207	6.0	0x0	VIFx	34.1	130.0	st3
Bed 4	c 2272	0	96	0.198	6.0	0x0	VIFx	42.0	130.0	st3
Dining	c 3176	0	134	0.318	6.0	0x0	VIFx	11.8	95.0	st1
Great	c 2113	0	89	0.303	5.0	0x0	VIFx	17.2	95.0	st1
Great-A	c 2113	0	89	0.316	6.0	0x0	VIFx	12.4	95.0	st1
Kitchen/Nook	c 1999	0	84	0.303	6.0	0x0	VIFx	12.2	100.0	st2
Kitchen/Nook-A	c 1999	0	84	0.274	6.0	0x0	VIFx	24.2	100.0	st2
Laundry	c 1202	0	51	0.438	4.0	0x0	VIFx	2.7	75.0	
Living	c 2913	0	123	0.209	7.0	0x0	VIFx	32.4	130.0	st3
M Bath	c 322	0	14	0.294	4.0	0x0	VIFx	15.8	100.0	st2
M Bed	c 2162	0	91	0.300	6.0	0x0	VIFx	13.2	100.0	st2
M Bed-A	c 2162	0	91	0.278	6.0	0x0	VIFx	22.1	100.0	st2
M WC	c 454	0	19	0.279	4.0	0x0	VIFx	21.7	100.0	st2
M Wic 1	c 124	0	5	0.290	4.0	0x0	VIFx	17.1	100.0	st2
M Wic 2	c 399	0	17	0.277	4.0	0x0	VIFx	22.8	100.0	st2

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	PeakAVF	0	712	0.198	666	14.0	0 x 0	VinIFlx	st1
st2	PeakAVF	0	405	0.274	742	10.0	0 x 0	VinIFlx	
st3	PeakAVF	0	400	0.198	734	10.0	0 x 0	VinIFlx	



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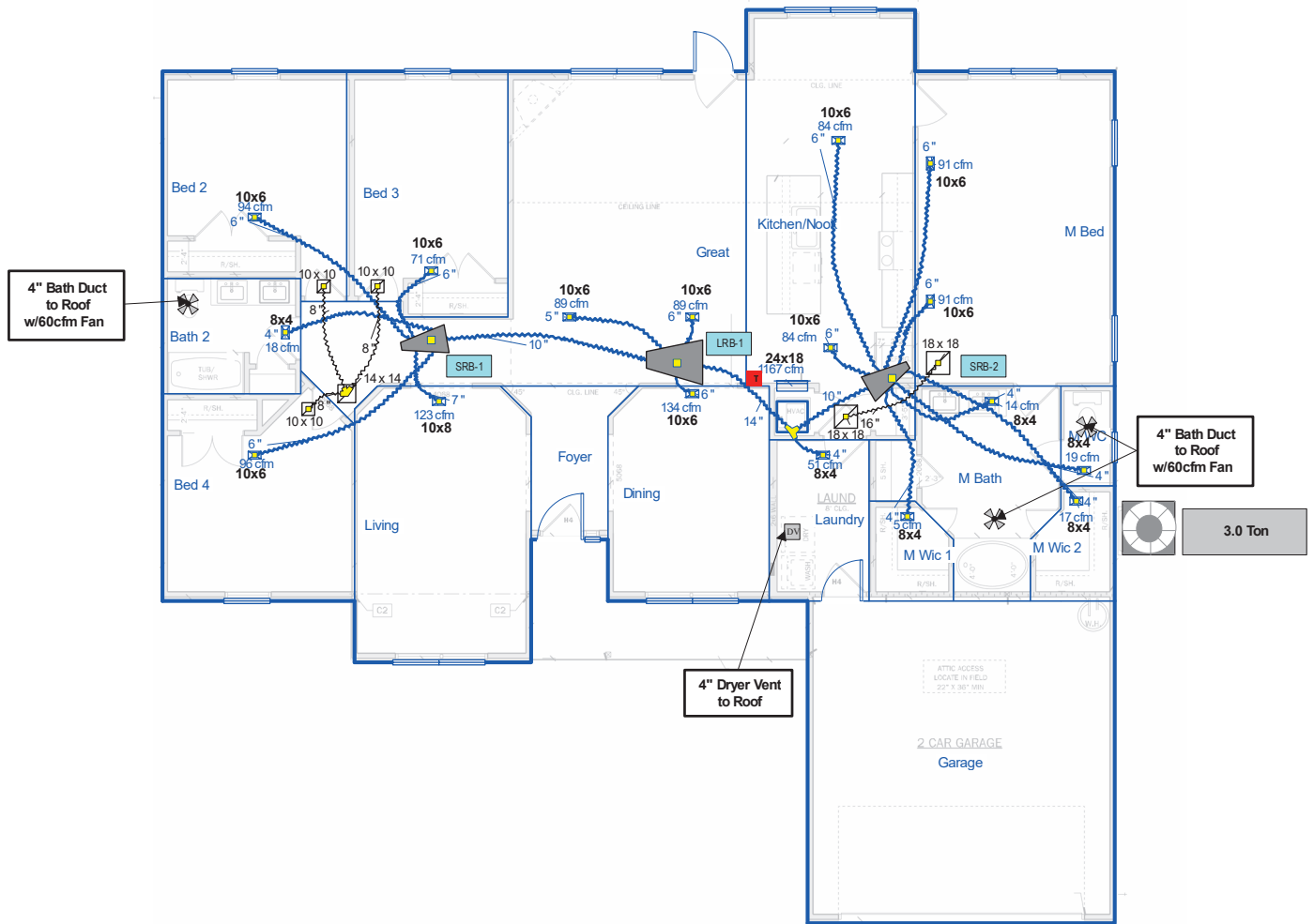
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Return Branch Detail Table

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	0x 0	0	1167	0	0	0	0	0x 0		VIFx	



1st Floor



Job #: Lot 35 2240-RHG-NW
Performed by DCS for:
Adams Homes - Gainesville
525 SW Bellflower Dr
Lake City, FL 32024

Strada Services
Sanford, FL 32771
Phone: 877-906-1113 License: CAC043953
StradaServices.com

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Page 1
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