



Manual S Compliance Report

Entire House

Strada Services

Job: Lot 20 2200-B-LHG-NW
Date: 03/30/2022
By: RS
Plan: 2200

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

Project Information

For: Adams Homes - Preserve at Laurel Lake
213 SW Bellflower Dr., Lake City, FL

Cooling Equipment

Design Conditions

Outdoor design DB:	92.4°F	Sensible gain:	26488	Btuh	Entering coil DB:	78.3°F
Outdoor design WB:	75.8°F	Latent gain:	4261	Btuh	Entering coil WB:	64.0°F
Indoor design DB:	75.0°F	Total gain:	30750	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:	29149	Btuh	110% of load
Latent capacity:	5149	Btuh	121% of load
Total capacity:	34298	Btuh	112% of load SHR: 85%

Heating Equipment

Design Conditions

Outdoor design DB:	33.3°F	Heat loss:	28225	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	126% of load
Supplemental heat required:	0	Btuh	
Capacity balance:	29	°F	
Economic balance:	-99	°F	

Backup equipment type:	Elec strip		
Manufacturer:		Model:	
Actual airflow:	0	cfm	
Output capacity:	5.0	kW	60% of load Temp. rise: 13 °F

Meets all requirements of ACCA Manual S.



Right-Suite® Universal 2025 25.0.01 RSU60693

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...eLot 20 2200-B-LHG-NW Lot 20 2200-B-LHG-NW.rup Calc = MJ8 Front Door faces: NW



Project Summary

Entire House

Strada Services

Job: Lot 20 2200-B-LHG-NW
Date: 03/30/2022
By: RS
Plan: 2200

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

Project Information

For: Adams Homes - Preserve at Laurel Lake
213 SW Bellflower Dr., Lake City, FL

Notes: LS: 04/20/26 LCF

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 24834 Btuh
Ducts (R-6.0) 3391 Btuh
Central vent (0 cfm) 0 Btuh

Humidification 0 Btuh
Piping 0 Btuh
Equipment load 28225 Btuh

Infiltration

Method Simplified
Construction quality Average
Fireplaces 0

	Heating	Cooling
Area (ft²)	2212	2212
Volume (ft³)	19400	19400
Air changes/hour	0.32	0.16
Equiv. AVF (cfm)	103	52

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 = 29 °F

Backup:
Input = 5 kW, Output = 17061 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 17992 Btuh
Ducts (R-6.0) 8496 Btuh
Central vent (0 cfm) 0 Btuh
Blower 0 Btuh
Use manufacturer's data n
Rate/swing multiplier 0.97
Equipment sensible load 25800 Btuh

Latent Cooling Equipment Load Sizing

Structure 2522 Btuh
Ducts 1739 Btuh
Central vent (0 cfm) 0 Btuh

Equipment latent load 4261 Btuh

Equipment Total Load (Sen+Lat) 30061 Btuh
Req. total capacity at 0.80 SHR 2.7 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 28000 Btuh
Latent cooling 7000 Btuh
Total cooling 35000 Btuh
Actual air flow 1167 cfm
Air flow factor 0.044 cfm/Btuh
Static pressure 0.50 in H2O
Load sensible heat ratio 0.86

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



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A Miluck® / Redstone Hathaway Company

Right-Suite® Universal 2025 25.0.01 RSU60693

...eLot 20 2200-B-LHG-NW Lot 20 2200-B-LHG-NW.rup Calc = MJ8 Front Door faces: NW

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

1	Room name					Entire House				M Bed				
2	Exposed wall					235.9 ft				44.0 ft				
3	Room height					8.8 ft				8.6 ft				
4	Room dimensions									1.0 x 237.1 ft				
5	Room area					2203.8 ft²				237.1 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	16B-19ad	0.049	n	1.80	2.62	2	2	4	5	2	2	4	5
11	W	12C-0sw	0.091	ne	3.34	2.27	532	523	1747	1187	124	124	414	282
	G	4A4-2ov	0.350	ne	12.85	26.29	9	0	116	237	0	0	0	0
	W	16B-19ad	0.049	ne	1.80	2.62	12	12	21	30	12	12	21	30
	W	16B-19ad	0.049	ne	1.80	2.62	114	114	204	297	10	10	17	25
	W	12C-0sw	0.091	se	3.34	2.27	339	268	895	608	124	94	314	213
	G	10C-m	0.570	se	20.92	11.60	35	35	733	406	0	0	0	0
	G	4A4-2ov	0.350	se	12.85	24.15	6	1	77	145	0	0	0	0
	G	4A4-2ov	0.350	se	12.85	21.73	30	4	385	652	30	4	385	652
	W	16B-19ad	0.049	se	1.80	2.62	12	12	21	30	12	12	21	30
	W	16B-19ad	0.049	se	1.80	2.62	8	8	14	21	0	0	0	0
	W	16B-19ad	0.049	se	1.80	2.62	44	44	79	115	11	11	20	29
	W	12C-0sw	0.091	sw	3.34	2.27	628	598	1997	1358	104	104	347	236
	G	4A4-2ov	0.350	sw	12.85	21.73	30	4	385	652	0	0	0	0
	W	16B-19ad	0.049	sw	1.80	2.62	12	12	21	30	12	12	21	30
	W	16B-19ad	0.049	sw	1.80	2.62	84	84	151	220	11	11	20	29
	W	12C-0sw	0.091	nw	3.34	2.27	175	112	373	254	0	0	0	0
	G	4A4-2ov	0.350	nw	12.85	22.27	30	0	385	668	0	0	0	0
	G	4B4-2fv	0.350	nw	12.85	22.27	13	0	171	297	0	0	0	0
	D	11J0	0.600	nw	22.02	11.55	20	20	441	231	0	0	0	0
	W	16B-19ad	0.049	nw	1.80	2.62	12	12	21	30	12	12	21	30
W	16B-19ad	0.049	nw	1.80	2.62	20	20	36	52	0	0	0	0	
W	16B-19ad	0.049	nw	1.80	2.62	34	34	62	90	10	10	17	25	
R	12C-0sw	0.091	-	-	3.34	1.37	296	278	929	381	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	132	132	155	226	132	132	155	226
C	16B-30ad	0.032	-	-	1.17	1.71	2075	2075	2436	3548	105	105	123	179
F	22A-tpi	0.989	-	-	36.30	0.00	2204	236	8563	0	237	44	1597	0

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

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1	Room name					MBth					Bed 2				
2	Exposed wall					15.5 ft					19.0 ft				
3	Room height					8.0 ft					8.0 ft				
4	Room dimensions					7.5 x 15.5 ft					12.5 x 12.0 ft				
5	Room area					116.2 ft²					150.0 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	16B-19ad	0.049	n	1.80	2.62	0	0	0	0	0	0	0	0	
11	W	12C-0sw	0.091	ne	3.34	2.27	124	124	414	282	56	56	187	127	
	G	4A4-2ov	0.350	ne	12.85	26.29	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.27	0	0	0	0	0	0	0	0	
	G	10C-m	0.570	se	20.92	11.60	0	0	0	0	0	0	0	0	
		4A4-2ov	0.350	se	12.85	24.15	0	0	0	0	0	0	0	0	
		4A4-2ov	0.350	se	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.27	0	0	0	0	96	81	271	184	
	G	4A4-2ov	0.350	sw	12.85	21.73	0	0	0	0	15	2	193	326	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
		4B4-2fv	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
		11J0	0.600	nw	22.02	11.55	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	R	12C-0sw	0.091	-	3.34	1.37	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	
		C	16B-30ad	0.032	-	1.17	1.71	0	0	0	0	0	0	0	
	C	16B-30ad	0.032	-	1.17	1.71	116	116	137	199	150	150	176	257	
F	22A-tpi	0.989	-	36.30	0.00	116	16	563	0	150	19	690	0		
6	c)AED excursion								-32				83		
	Envelope loss/gain								1113	448			1516	976	
12	a) Infiltration								255	60			312	74	
	b) Room ventilation								0	0			0	0	
13	Internal gains: Occupants @ 230						0			0	1			230	
	Appliances/other									0				150	
	Subtotal (lines 6 to 13)								1368	509			1828	1430	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			0	0	
	Subtotal								1368	509			1828	1430	
15	Duct loads						14%	47%	187	240	14%	47%	250	675	
	Total room load								1554	749			2078	2106	
	Air required (cfm)								0	33			0	93	

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

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1	Room name					Bed 3					Bed 4				
2	Exposed wall					11.5 ft					24.0 ft				
3	Room height					8.0 ft					8.0 ft				
4	Room dimensions					12.5 x 11.5 ft					1.0 x 163.2 ft				
5	Room area					143.8 ft²					163.2 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	16B-19ad	0.049	n	1.80	2.62	0	0	0	0	0	0	0	0	
11	W	12C-0sw	0.091	ne	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	ne	12.85	26.29	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.27	0	0	0	0	0	0	0	0	
	G	10C-m	0.570	se	20.92	11.60	0	0	0	0	0	0	0	0	
		4A4-2ov	0.350	se	12.85	24.15	0	0	0	0	0	0	0	0	
		4A4-2ov	0.350	se	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.27	92	77	257	175	92	92	307	209	
	G	4A4-2ov	0.350	sw	12.85	21.73	15	2	193	326	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.27	0	0	0	0	100	70	234	159	
	G	4A4-2ov	0.350	nw	12.85	22.27	0	0	0	0	30	0	385	668	
		4B4-2fv	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
		11J0	0.600	nw	22.02	11.55	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	R	12C-0sw	0.091	-	3.34	1.37	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	
		C	16B-30ad	0.032	-	1.17	1.71	0	0	0	0	0	0	0	
		C	16B-30ad	0.032	-	1.17	1.71	144	144	169	246	163	163	192	279
	F	22A-tpi	0.989	-	36.30	0.00	144	12	417	0	163	24	871	0	
6	c)AED excursion								93				247		
	Envelope loss/gain								1036	840			1989	1562	
12	a) Infiltration								189	45			394	93	
	b) Room ventilation								0	0			0	0	
13	Internal gains: Occupants @ Appliances/other					230	1		230	150	1		230	150	
	Subtotal (lines 6 to 13)								1225	1265			2383	2035	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			1453	796	
	Subtotal								1225	1265			3837	2831	
15	Duct loads						14%	47%	167	597	14%	47%	524	1337	
	Total room load								1392	1862			4361	4168	
	Air required (cfm)								0	82			0	184	

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

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1	Room name					Laundry					M WIC				
2	Exposed wall					15.0 ft					0 ft				
3	Room height					8.0 ft					8.0 ft				
4	Room dimensions					1.0 x 76.2 ft					5.5 x 12.5 ft				
5	Room area					76.2 ft²					68.8 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	16B-19ad	0.049	n	1.80	2.62	0	0	0	0	0	0	0	0	
11	W	12C-0sw	0.091	ne	3.34	2.27	76	76	254	173	0	0	0	0	
	G	4A4-2ov	0.350	ne	12.85	26.29	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.27	0	0	0	0	0	0	0	0	
	G	10C-m	0.570	se	20.92	11.60	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	se	12.85	24.15	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	se	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	sw	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
	G	4B4-2fv	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
	D	11J0	0.600	nw	22.02	11.55	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	R	12C-0sw	0.091	-	-	3.34	1.37	44	26	88	36	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	0	0	0	0	0	0	0	0
	C	16B-30ad	0.032	-	-	1.17	1.71	76	76	90	130	69	69	81	118
F	22A-tpl	0.989	-	-	36.30	0.00	76	15	544	0	69	0	0	0	
6	c)AED excursion									-64				-7	
	Envelope loss/gain								1230	482			81	111	
12	a) Infiltration								156	37			0	0	
	b) Room ventilation								0	0			0	0	
13	Internal gains: Occupants @ 230 Appliances/other						0			0	0			0	0
	Subtotal (lines 6 to 13)								1386	1019			81	111	
	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								183	43			0	0	
14	Subtotal								1569	1063			81	111	
15	Duct loads						14%	47%	214	502	14%	47%	11	52	
	Total room load								1783	1564			92	163	
	Air required (cfm)								0	69			0	7	

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

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1	Room name					Bth 3				Kitchen					
2	Exposed wall					24.5 ft				13.0 ft					
3	Room height					8.0 ft				9.4 ft					
4	Room dimensions					12.5 x 6.0 ft				13.5 x 13.0 ft					
5	Room area					75.0 ft²				175.5 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	16B-19ad	0.049	n	1.80	2.62	0	0	0	0	0	0	0	0	
11	W	12C-0sw	0.091	ne	3.34	2.27	48	48	160	109	104	95	317	216	
	G	4A4-2ov	0.350	ne	12.85	26.29	0	0	0	0	9	0	116	237	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.27	100	94	314	213	0	0	0	0	
	G	10C-m	0.570	se	20.92	11.60	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	se	12.85	24.15	6	1	77	145	0	0	0	0	
	G	4A4-2ov	0.350	se	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	10	10	18	26	
	W	12C-0sw	0.091	sw	3.34	2.27	48	48	160	109	0	0	0	0	
	G	4A4-2ov	0.350	sw	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
	G	4B4-2fv	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
	D	11J0	0.600	nw	22.02	11.55	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	10	10	18	26	
	R	12C-0sw	0.091	-	3.34	1.37	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	
	C	16B-30ad	0.032	-	1.17	1.71	0	0	0	0	0	0	0	0	
	C	16B-30ad	0.032	-	1.17	1.71	75	75	88	128	179	179	210	305	
	F	22A-tpi	0.989	-	36.30	0.00	75	24	889	0	176	13	472	0	
6	c)AED excursion								30				-123		
	Envelope loss/gain								1689	734			1150	687	
12	a) Infiltration								402	95			255	60	
	b) Room ventilation								0	0			0	0	
13	Internal gains: Occupants @ Appliances/other					230	0		0	0	0			0	1200
	Subtotal (lines 6 to 13)								2091	829			1405	1947	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			0	0	
	Subtotal								2091	829			1405	1947	
15	Duct loads						14%	47%	286	392	14%	47%	192	920	
	Total room load								2377	1221			1597	2867	
	Air required (cfm)								0	54			0	126	

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

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1	Room name					AH 4.0 ft					MWC 0 ft				
2	Exposed wall					8.0 ft					8.0 ft				
3	Room height					4.0 x 3.5 ft					5.5 x 3.0 ft				
4	Room dimensions					14.0 ft²					16.5 ft²				
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	16B-19ad	0.049	n	1.80	2.62	0	0	0	0	0	0	0	0	
11	W	12C-0sw	0.091	ne	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	ne	12.85	26.29	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.27	0	0	0	0	0	0	0	0	
	G	10C-m	0.570	se	20.92	11.60	0	0	0	0	0	0	0	0	
		4A4-2ov	0.350	se	12.85	24.15	0	0	0	0	0	0	0	0	
		4A4-2ov	0.350	se	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	sw	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
		4B4-2fv	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
		11J0	0.600	nw	22.02	11.55	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	R	12C-0sw	0.091	-	3.34	1.37	32	32	107	44	0	0	0	0	
	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	0	0	0	0	0	0	0	0	
	C	16B-30ad	0.032	-	1.17	1.71	14	14	16	24	16	16	19	28	
	F	22A-tpi	0.989	-	36.30	0.00	14	4	145	0	16	0	0	0	
6	c)AED excursion									-4				-2	
	Envelope loss/gain								268	64			19	27	
12	a) Infiltration								0	0			0	0	
	b) Room ventilation								0	0			0	0	
13	Internal gains:		Occupants @	230		0			0	0			0	0	
	Appliances/other									0				0	
	Subtotal (lines 6 to 13)								268	64			19	27	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								-268	-64			0	0	
	Subtotal								0	0			19	27	
15	Duct loads						14%	47%	0	0	14%	47%	3	13	
	Total room load								0	0			22	39	
	Air required (cfm)								0	0			0	2	

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

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1	Room name					Foyer 19.5 ft					Bth 2 5.5 ft				
2	Exposed wall					10.0 ft					8.0 ft				
3	Room height					7.5					1.0				
4	Room dimensions					90.0 ft²					112.2 ft²				
5	Room area					heat/cool					heat/cool				
	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	16B-19ad	0.049	n	1.80	2.62	0	0	0	0	0	0	0	0	
11	W	12C-0sw	0.091	ne	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	ne	12.85	26.29	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	24	24	43	63	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.27	0	0	0	0	0	0	0	0	
	G	10C-m	0.570	se	20.92	11.60	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	se	12.85	24.15	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	se	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.27	0	0	0	0	44	44	147	100	
	G	4A4-2ov	0.350	sw	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	24	24	43	63	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.27	75	42	139	95	0	0	0	0	
	G	4A4-2ov	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
	G	4B4-2fv	0.350	nw	12.85	22.27	13	0	171	297	0	0	0	0	
	D	11J0	0.600	nw	22.02	11.55	20	20	441	231	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	15	15	27	39	0	0	0	0	
	R	12C-0sw	0.091	-	-	3.34	1.37	120	120	401	164	0	0	0	0
	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	0	0	0	0	0	0	0
		C	16B-30ad	0.032	-	-	1.17	1.71	90	90	106	154	112	112	132
	F	22A-tpi	0.989	-	-	36.30	0.00	90	20	708	0	112	6	200	0
6	c)AED excursion								120					-19	
	Envelope loss/gain								2079	1226			478	273	
12	a) Infiltration								283	67			90	21	
	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)								2362	1293			569	295	
14	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								-2362	-1293			0	0	
	Subtotal								0	0			569	295	
15	Duct loads						14%	47%	0	0	14%	47%	78	139	
	Total room load								0	0			646	434	
	Air required (cfm)								0	0			0	19	

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

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1	Room name					Bed 2 WIC					Bed 3 WIC				
2	Exposed wall					4.5 ft					4.5 ft				
3	Room height					8.0 ft					8.0 ft				
4	Room dimensions					12.5 x 4.5 ft					8.5 x 4.5 ft				
5	Room area					56.2 ft²					38.2 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	16B-19ad	0.049	n	1.80	2.62	0	0	0	0	0	0	0	0	
11	W	12C-0sw	0.091	ne	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	ne	12.85	26.29	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.27	0	0	0	0	0	0	0	0	
	G	10C-m	0.570	se	20.92	11.60	0	0	0	0	0	0	0	0	
		4A4-2ov	0.350	se	12.85	24.15	0	0	0	0	0	0	0	0	
		4A4-2ov	0.350	se	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.27	36	36	120	82	36	36	120	82	
	G	4A4-2ov	0.350	sw	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
		4B4-2fv	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
		11J0	0.600	nw	22.02	11.55	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	R	12C-0sw	0.091	-	3.34	1.37	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	
		C	16B-30ad	0.032	-	1.17	1.71	0	0	0	0	0	0	0	
	C	16B-30ad	0.032	-	1.17	1.71	56	56	66	96	38	38	45	65	
	F	22A-tpi	0.989	-	36.30	0.00	56	4	163	0	38	4	163	0	
6	c)AED excursion								-12				-10		
	Envelope loss/gain							350	166			328	137		
12	a) Infiltration							74	18			74	18		
	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)							424	184			402	155		
14	Less external load							0	0			0	0		
	Less transfer							0	0			0	0		
	Redistribution							0	0			0	0		
	Subtotal							424	184			402	155		
15	Duct loads						14%	47%	58	87	14%	47%	55	73	
	Total room load								481	271			457	228	
	Air required (cfm)								0	12			0	10	

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

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1	Room name					Bth 2 WC					Bed 4 WIC				
2	Exposed wall					4.0 ft					6.0 ft				
3	Room height					8.0 ft					8.0 ft				
4	Room dimensions					6.5 x 4.0 ft					6.0 x 6.0 ft				
5	Room area					26.0 ft²					36.0 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	16B-19ad	0.049	n	1.80	2.62	0	0	0	0	0	0	0	0	
11	W	12C-0sw	0.091	ne	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	ne	12.85	26.29	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	se	3.34	2.27	0	0	0	0	0	0	0	0	
	G	10C-m	0.570	se	20.92	11.60	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	se	12.85	24.15	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	se	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	sw	3.34	2.27	32	32	107	73	48	48	160	109	
	G	4A4-2ov	0.350	sw	12.85	21.73	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	12C-0sw	0.091	nw	3.34	2.27	0	0	0	0	0	0	0	0	
	G	4A4-2ov	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
	G	4B4-2fv	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0	
	D	11J0	0.600	nw	22.02	11.55	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0	
	R	12C-0sw	0.091	-	3.34	1.37	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	
	C	16B-30ad	0.032	-	1.17	1.71	0	0	0	0	0	0	0	0	
	C	16B-30ad	0.032	-	1.17	1.71	26	26	31	44	36	36	42	62	
	F	22A-tpi	0.989	-	36.30	0.00	26	4	145	0	36	6	218	0	
6	c)AED excursion								-8				-12		
	Envelope loss/gain								283	109			420	159	
12	a) Infiltration								66	16			99	23	
	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)								348	125			519	182	
	Less external load								0	0			0	0	
	Less transfer								0	0			0	0	
	Redistribution								0	0			0	0	
14	Subtotal								348	125			519	182	
15	Duct loads						14%	47%	48	59	14%	47%	71	86	
	Total room load								396	184			590	269	
	Air required (cfm)								0	8			0	12	

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

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

1	Room name					Family 11.4 ft				Dining 10.0 ft				
2	Exposed wall					10.0 ft				10.0 ft				
3	Room height					1.0 x 442.4 ft				17.5 x 9.5 ft				
4	Room dimensions					442.4 ft²				166.2 ft²				
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	16B-19ad	0.049	n	1.80	2.62	0	0	0	0	0	0	0	0
11	W	12C-0sw	0.091	ne	3.34	2.27	0	0	0	0	0	0	0	0
	G	4A4-2ov	0.350	ne	12.85	26.29	0	0	0	0	0	0	0	0
	W	16B-19ad	0.049	ne	1.80	2.62	0	0	0	0	0	0	0	0
	W	16B-19ad	0.049	ne	1.80	2.62	61	61	110	160	19	19	34	50
	W	12C-0sw	0.091	se	3.34	2.27	115	80	267	182	0	0	0	0
	G	10C-m	0.570	se	20.92	11.60	35	35	733	406	0	0	0	0
		4A4-2ov	0.350	se	12.85	24.15	0	0	0	0	0	0	0	0
		4A4-2ov	0.350	se	12.85	21.73	0	0	0	0	0	0	0	0
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	0	0	0	0
	W	16B-19ad	0.049	se	1.80	2.62	0	0	0	0	8	8	14	21
	W	16B-19ad	0.049	se	1.80	2.62	23	23	41	60	0	0	0	0
	W	12C-0sw	0.091	sw	3.34	2.27	0	0	0	0	0	0	0	0
	G	4A4-2ov	0.350	sw	12.85	21.73	0	0	0	0	0	0	0	0
	W	16B-19ad	0.049	sw	1.80	2.62	0	0	0	0	0	0	0	0
	W	16B-19ad	0.049	sw	1.80	2.62	30	30	54	79	19	19	34	50
	W	12C-0sw	0.091	nw	3.34	2.27	0	0	0	0	0	0	0	0
	G	4A4-2ov	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0
		4B4-2fv	0.350	nw	12.85	22.27	0	0	0	0	0	0	0	0
		11J0	0.600	nw	22.02	11.55	0	0	0	0	0	0	0	0
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	20	20	36	52
	W	16B-19ad	0.049	nw	1.80	2.62	0	0	0	0	0	0	0	0
	R	12C-0sw	0.091	-	3.34	1.37	0	0	0	0	100	100	334	137
		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	0	0	0	0	0	0	0	0
	C	16B-30ad	0.032	-	1.17	1.71	442	442	520	757	166	166	195	284
	F	22A-tpi	0.989	-	36.30	0.00	442	11	414	0	166	10	363	0

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



Duct System Summary

Entire House

Strada Services

Job: Lot 20 2200-B-LHG-NW
Date: 03/30/2022
By: RS
Plan: 2200

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Project Information

For: Adams Homes - Preserve at Laurel Lake
213 SW Bellflower Dr., Lake City, FL

	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	0.206 in/100ft	0.206 in/100ft
Actual air flow	0 cfm	1167 cfm
Total effective length (TEL)	165 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
Bed 2	c 2106	0	93	0.219	6.0	0x0	VIFx	50.0	105.0	st2
Bed 2 WIC	c 271	0	12	0.226	4.0	0x0	VIFx	45.6	105.0	st2
Bed 3	c 1862	0	82	0.234	6.0	0x0	VIFx	40.2	105.0	st2
Bed 3 WIC	c 228	0	10	0.221	4.0	0x0	VIFx	38.7	115.0	st1
Bed 4	c 4168	0	184	0.257	7.0	0x0	VIFx	32.2	100.0	st1
Bed 4 WIC	c 269	0	12	0.257	4.0	0x0	VIFx	32.1	100.0	st1
Bth 2	c 434	0	19	0.245	4.0	0x0	VIFx	29.0	110.0	st1
Bth 2 WC	c 184	0	8	0.246	4.0	0x0	VIFx	33.3	105.0	st1
Bth 3	c 1221	0	54	0.206	5.0	0x0	VIFx	59.7	105.0	st2
Dining	c 1629	0	72	0.259	5.0	0x0	VIFx	26.2	105.0	st1
Family	c 3676	0	162	0.246	7.0	0x0	VIFx	33.5	105.0	st1
Kitchen-A	c 2867	0	126	0.255	7.0	0x0	VIFx	28.2	105.0	st1
Laundry	c 1564	0	69	0.426	5.0	0x0	VIFx	4.9	75.0	
M Bed	c 5060	0	223	0.226	8.0	0x0	VIFx	45.8	105.0	st2
M Bth	c 749	0	33	0.227	5.0	0x0	VIFx	44.7	105.0	st2
M WIC	c 163	0	7	0.251	4.0	0x0	VIFx	35.6	100.0	st2
MWC	c 39	0	2	0.245	4.0	0x0	VIFx	38.6	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	593	0.221	554	14.0	0 x 0	VinIFlx	
st2	PeakAVF	0	505	0.206	473	14.0	0 x 0	VinIFlx	



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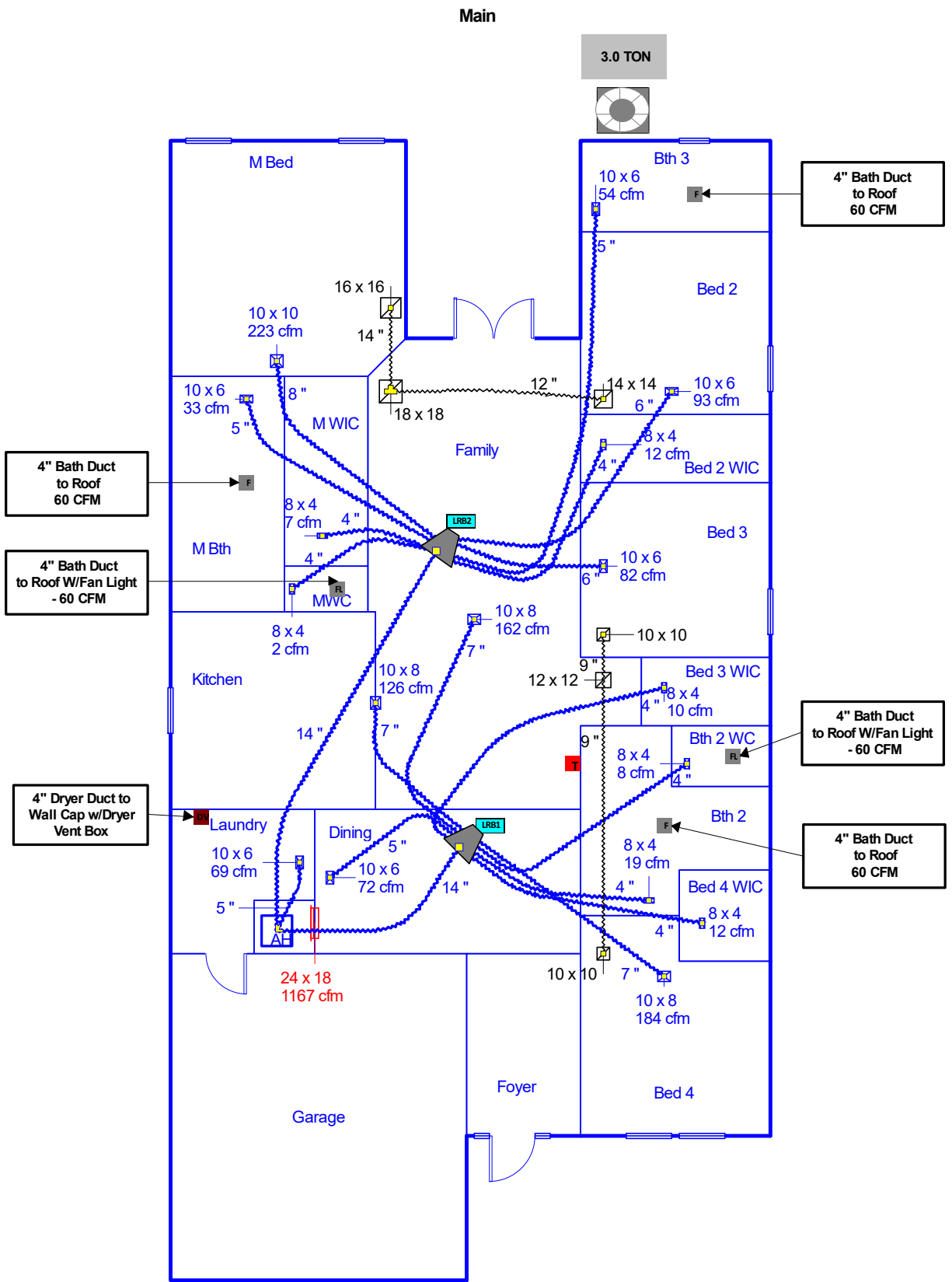
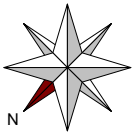
...eLot 20 2200-B-LHG-NW Lot 20 2200-B-LHG-NW Calc = MJ8 Front Door faces: NW

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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	0	1167	0	0	0	0	0x 0		VIFx	



Job #: Lot 20 2200-B-LHG-NW
Performed by RS for:

Adams Homes - Preserve at Laurel Lake
213 SW Bellflower Dr.
Lake City, FL

Strada Services

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Sanford, FL 32771
Phone: 877-906-1113 License: CAC043953
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