



# National TAB

**Project: Anderson GME**

**Address: 8000 Five Mile Rd. Cincinnati, OH**

## Summary

Work performed includes balancing VAV, associated air devices, and (4) Exhaust grilles. All work was able to be successfully balanced within 10% of design.

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**Project: Anderson GME**  
**Address: 8000 Five Mile Rd. Cincinnati, OH**

**Asset: VAV's (EXISTING)**

<b>Asset</b>	<b>Area Served</b>	<b>Type</b>	<b>Size</b>	<b>Design Max CFM</b>	<b>Actual Max CFM</b>	<b>Ak (max)</b>
VAV-1	104	VAV	8	490	481	0.63
VAV-2	101	VAV	8	425	431	0.86
VAV-3	108	VAV	14	1550	1531	0.38
VAV-4	131	VAV	10	1325	1365	0.57
VAV-5	128	VAV	12	1730	1775	0.76
VAV-6	115	VAV	14	1805	1826	0.69
VAV-8	120	VAV	6	375	383	0.61
VAV-10	142	VAV	8	250	254	1.31

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**Project: Anderson GME**  
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**Asset: SUPPLY**

Asset	Area Served	Type	Size	DESIGN CFM	Prelim CFM	FINAL CFM	% to design
1-1	103	CD	8	225	115	217	0.96
1-2	104	CD	8	225	171	222	0.99
1-3	105	CD	6	40	148	42	1.05
<b>VAV-1</b>				<b>490</b>		<b>481</b>	<b>0.98</b>
2-1	101	CD	8	125	225	118	0.94
2-2	101	CD	8	125	0	126	1.01
2-3	104	CD	8	125	236	133	1.06
2-4	HALL	CD	6	50	209	54	1.08
<b>VAV-2</b>				<b>425</b>		<b>431</b>	<b>1.01</b>
3-1	108	CD	10	250	184	237	0.95
3-2	131	CD	10	200	226	202	1.01
3-3	108	CD	10	225	215	240	1.07
3-4	106	CD	10	325	201	317	0.98
3-5	106	CD	10	300	184	289	0.96
3-6	131	CD	10	250	192	246	0.98
<b>VAV-3</b>				<b>1550</b>		<b>1531</b>	<b>0.99</b>
4-1	131	CD	10	300	412	320	1.07
4-2	131	CD	10	300	218	317	1.06
4-3	131	CD	6	125	0	118	0.94
4-4	131	CD	6	125	311	124	0.99
4-5 [1]	[2]	CD	6	50	76	49	0.98
4-6	131	CD	6	125	140	126	1.01
4-7	HALL	CD	6	50	28	52	1.04
4-8	144	CD	6	100	0	101	1.01
4-9 [1]	HALL	CD	6	50	145	52	1.04
4-10	140	CD	6	50	88	55	1.10
4-11 [1]	[2]	CD	6	50	101	51	1.02
<b>VAV-4</b>				<b>1325</b>		<b>1365</b>	<b>1.03</b>

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**Asset: SUPPLY**

Asset	Area Served	Type	Size	DESIGN CFM	Prelim CFM	FINAL CFM	% to design
5-1	131	CD	10	250	287	262	1.05
5-2	131	CD	10	275	329	289	1.05
5-3	109	CD	8	100	127	104	1.04
5-4	109	CD	6	90	162	91	1.01
5-5	130	CD	6	75	55	77	1.03
5-6	109	CD	8	100	0	105	1.05
5-7	129	CD	8	125	148	117	0.94
5-8	128	CD	6	80	118	84	1.05
5-9	127	CD	6	80	88	77	0.96
5-10	136	CD	6	100	71	105	1.05
5-11	126	CD	6	75	96	76	1.01
5-12	109	CD	6	90	75	85	0.94
5-13	125	CD	6	40	23	42	1.05
5-14	137	CD	6	100	124	103	1.03
5-15	138	CD	6	75	97	80	1.07
5-16	124	CD	6	75	88	78	1.04
<b>VAV-5</b>				<b>1730</b>		<b>1775</b>	<b>1.03</b>
6-1	116	CD	8	275	315	262	0.95
6-2	116	CD	8	275	295	269	0.98
6-3	117	CD	8	225	280	233	1.04
6-4	119	CD	8	250	267	271	1.08
6-5	119	CD	8	250	215	254	1.02
6-6	115	CD	8	115	194	119	1.03
6-7	114	CD	4	25	30	23	0.92
6-8	113	CD	8	100	116	107	1.07
6-9	112	CD	6	80	128	82	1.03
6-10	111	CD	6	80	92	78	0.98
6-11	110	CD	6	80	99	75	0.94
6-12 [1]	[2]	CD	6	50	105	53	1.06
<b>VAV-6</b>				<b>1805</b>		<b>1826</b>	<b>1.01</b>



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**Asset: SUPPLY**

<b>Asset</b>	<b>Area Served</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>Prelim CFM</b>	<b>FINAL CFM</b>	<b>% to design</b>
8-1	139	CD	6	75	118	77	1.03
8-2	120	CD	8	150	142	148	0.99
8-3	123	CD	6	150	196	158	1.05
<b>VAV-8</b>				<b>375</b>		<b>383</b>	<b>1.02</b>
10-1	HALL	CD	6	50	46	52	1.04
10-2	142	CD	6	75	92	77	1.03
10-3	HALL	CD	6	50	85	46	0.92
10-4	141	CD	6	75	99	79	1.05
<b>VAV-10</b>				<b>250</b>		<b>254</b>	<b>1.02</b>



# National TAB

**Project: Anderson GME**  
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**Asset: EXHAUST [1]**

<b>Asset</b>	<b>Area Served</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>Prelim CFM</b>	<b>FINAL CFM</b>	<b>% to design</b>
E1-1	118	EG	12X12	50	113	52	1.04
E1-2	114	EG	12X12	50	127	55	1.10
E1-3	107	EG	12X12	50	74	51	1.02
E1-4	105	EG	12X12	50	65	50	1.00