

The following samples were collected in Martin Hall rooms:

- 007
- 158
- 202
- 203
- 206/210

Particle counts in Martin Hall 10/29/2018

Numbers after sampling location correspond to the building maps

Building	MAR	RM # 206/210					Time
	by 206 door - 1	center of room - 2	by 210 door - 3	by 210 windows - 4	by 206 windows - 5	16:33 - 16:41	
	Sa1	Sa2	Sa3	Sa4	Sa5	Average	
0.3	2424	2546	2503	2611	2576	2532	
0.5	263	248	275	283	285	270.8	
1	65	55	55	51	70	59.2	
2.5	30	25	30	34	35	30.8	
5	8	5	7	8	7	7	
10	6	5	2	6	1	4	
Temp	72.2						
RH	30.8						

Building	MAR	RM # 158						Time
	near door by S02 - 21	near emergency exit - 22	center of room - 23	near door by exit - 24	158A before door open - 25	158A after door open - 25	17:05 - 17:16	
	Sa1	Sa2	Sa3	Sa4	Sa5	Sa6	Average	
0.3	3309	3417	3174	3372	3100	3090	3187.3333	
0.5	334	352	326	369	339	336	348	
1	49	64	54	77	49	72	66	
2.5	13	18	22	73	30	24	42.333333	
5	1	4	6	25	7	9	13.666667	
10	0	2	1	7	1	4	4	
Temp	70.1							
RH	31.8							

Building	MAR	RM # C206				Time
	by 210 door - 6	by 206 door - 7	by 203 door - 8	16:41-16:45		
	Sa1	Sa2	Sa3	Average		
0.3	1958	1812	1720	1830		
0.5	190	176	188	184.6667		
1	41	42	24	35.66667		
2.5	28	21	13	20.66667		
5	7	8	10	8.333333		
10	7	2	1	3.333333		
Temp	70.3					
RH	31.2					

Building	MAR	RM # 203				Time
	by door - 9	center of room - 10	back of room - 11	16:46 - 16:50		
	Sa1	Sa2	Sa3	Average		
0.3	2329	2391	2393	2371		
0.5	239	178	266	227.66667		
1	37	45	46	42.666667		
2.5	16	24	24	21.333333		
5	1	6	2	3		
10	1	1	1	1		
Temp	72					
RH	31.5					

Building	MAR	RM # 202				Time
	front corner - 12	center of room - 13	windows - 14	16:51 - 16:55		
	Sa1	Sa2	Sa3	Average		
0.3	2797	2800	2920	2839		
0.5	338	387	380	368.3333		
1	78	80	81	79.66667		
2.5	19	34	27	26.66667		
5	3	1	1	1.666667		
10	1	1	1	1		
Temp	72.9					
RH	31.6					

Building	MAR	RM # Outside			Time
	right side of doors - 15	left side of doors - 16	bottom of stairs - 17	16:56 - 17:00	
	Sa1	Sa2	Sa3	Average	
0.3	8183	8085	8017	8095	
0.5	859	883	852	864.6667	
1	187	189	179	185	
2.5	100	114	98	104	
5	19	25	18	20.66667	
10	7	8	6	7	
Temp	52.8				
RH	41.1				

Building	MAR	RM # C101			Time
	by 152 - 18	by 155 - 19	by 158 - 20	17:01 - 17:05	
	Sa1	Sa2	Sa3	Average	
0.3	3706	3767	3531	3668	
0.5	537	431	357	441.66667	
1	208	68	50	108.66667	
2.5	227	32	11	90	
5	66	7	2	25	
10	31	2		16.5	
Temp	67.9				
RH	34				

Building	MAR	RM # 158A			Time
	closet	by door - 26	corner - 27	center - 28	17:16 - 17:21
	Sa1	Sa2	Sa3	Average	
0.3	3824	3682	3662	3722.667	
0.5	480	510	448	479.3333	
1	106	108	87	100.3333	
2.5	42	62	31	45	
5	4	12	13	9.666667	
10	2	30	3	11.66667	
Temp	68.9				
RH	32.9				

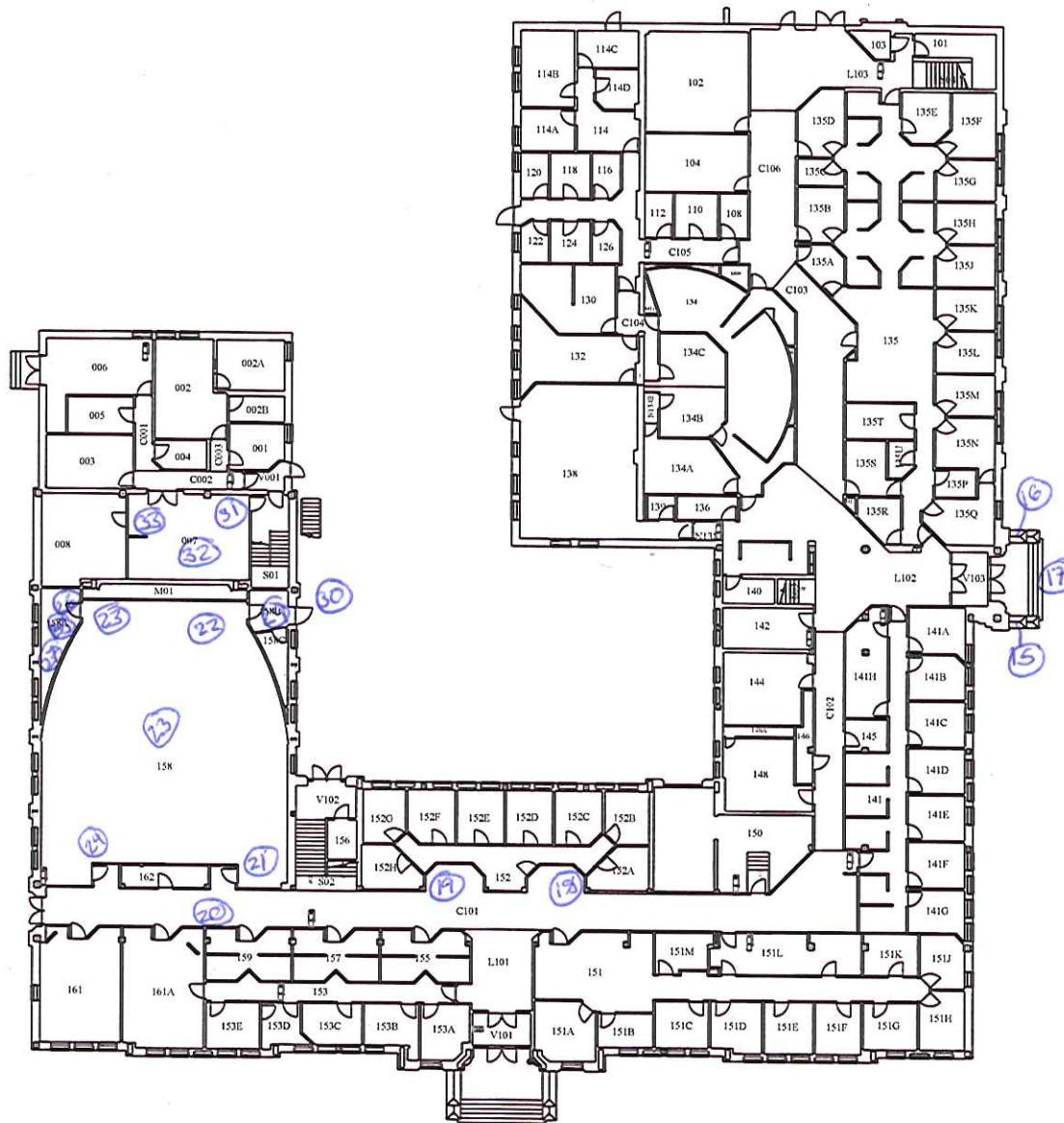
Building	MAR	RM #		Time
	start 17:23	158B (exit path) - 29	outside 158 exit - 30	
	Sa1	Sa2		
0.3	4972	7549		
0.5	1389	830		
1	908	160		
2.5	920	106		
5	129	22		
10	14	4		
Temp	--			
RH	--			

Building	MAR	RM # 007			Time
	by front exit - 31	center - 32	back - 33	end 17:31	
	Sa1	Sa2	Sa3	Average	
0.3	3012	3027	2946	2995	
0.5	326	352	398	358.6667	
1	85	89	141	105	
2.5	66	97	115	92.66667	
5	37	45	45	42.33333	
10	10	14	9	11	
Temp	68.3				
RH	33.7				

Comparisons			
	1st floor	2nd floor	% diff
µm			
0.3	3375	2413	33.24
0.5	393	264	39.27
1	87	55	45.22
2.5	58	26	76.44
5	19	5	112.46
10	8	3	105.26
Temp	69	72	4.34
RH	33	31	5.67

Comparisons			
	building	Outside	% diff
µm			
0.3	2910	7959	92.89
0.5	331	856	88.53
1	72	179	85.58
2.5	42	105	84.99
5	12	21	52.17
10	5	6	14.07
Temp	70	53	28.47
RH	32	41	24.32

FIRE & LIFE SAFETY



= FIRE EXTINGUISHER
 = AED
 = FIRE DEP. CONNECTION
 = LOCK BOX
 = FIRE ALARM CONTROL PANEL
 = SPRINKLER HEADER
 R = SPRINKLER RISER

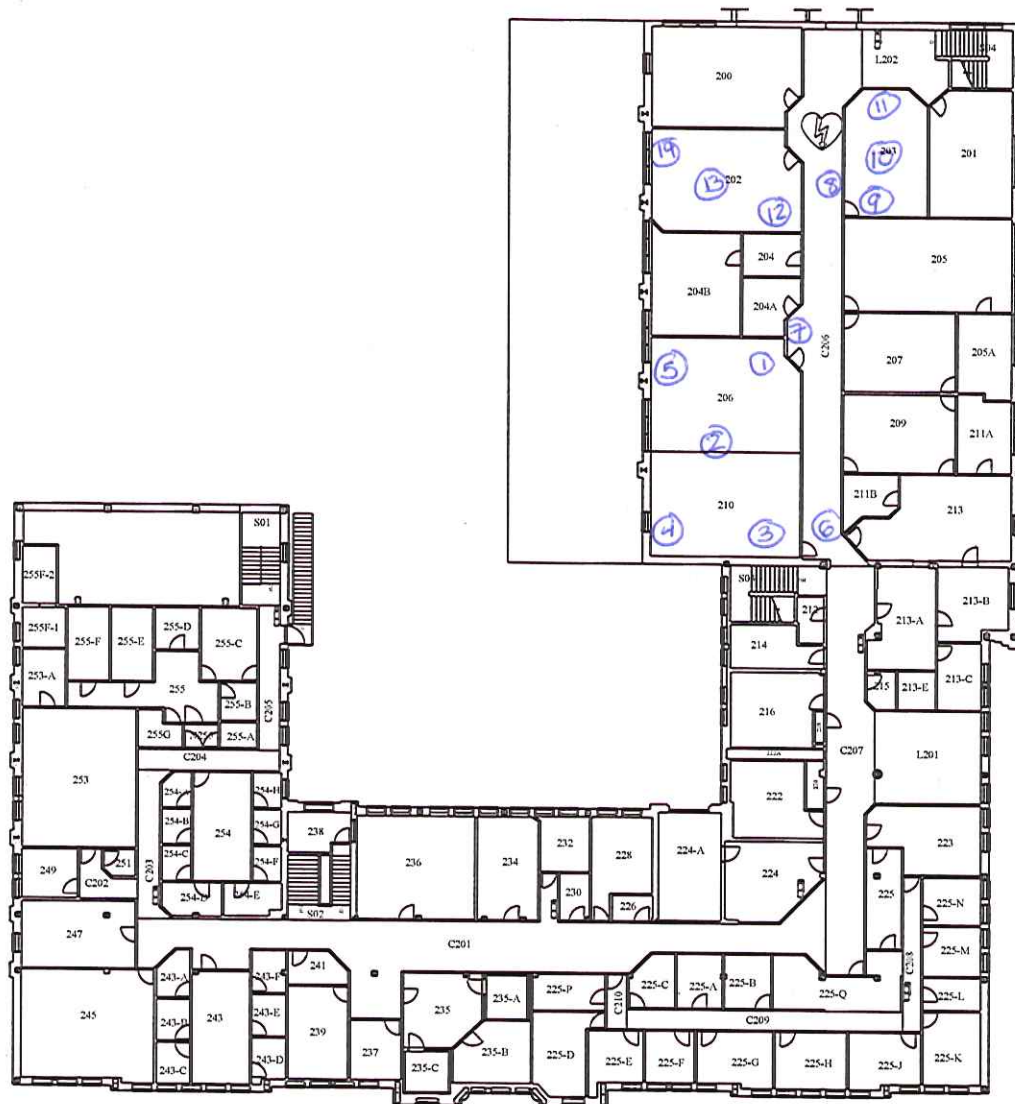
DATE CREATED
8-04-15

ADDRESS
316 7th Street

Square Feet
31717

MARTIN HALL
FIRST FLOOR

FLOOR
1



= FIRE EXTINGUISHER
 = AED
 = FIRE DEP. CONNECTION
 = LOCK BOX
 = FIRE ALARM CONTROL PANEL
 = SPRINKLER HEADER
 R = SPRINKLER RISER

DATE CREATED
8-04-15

ADDRESS
316 7th Street

Square Feet
26076

MARTIN HALL
SECOND FLOOR

FLOOR
2