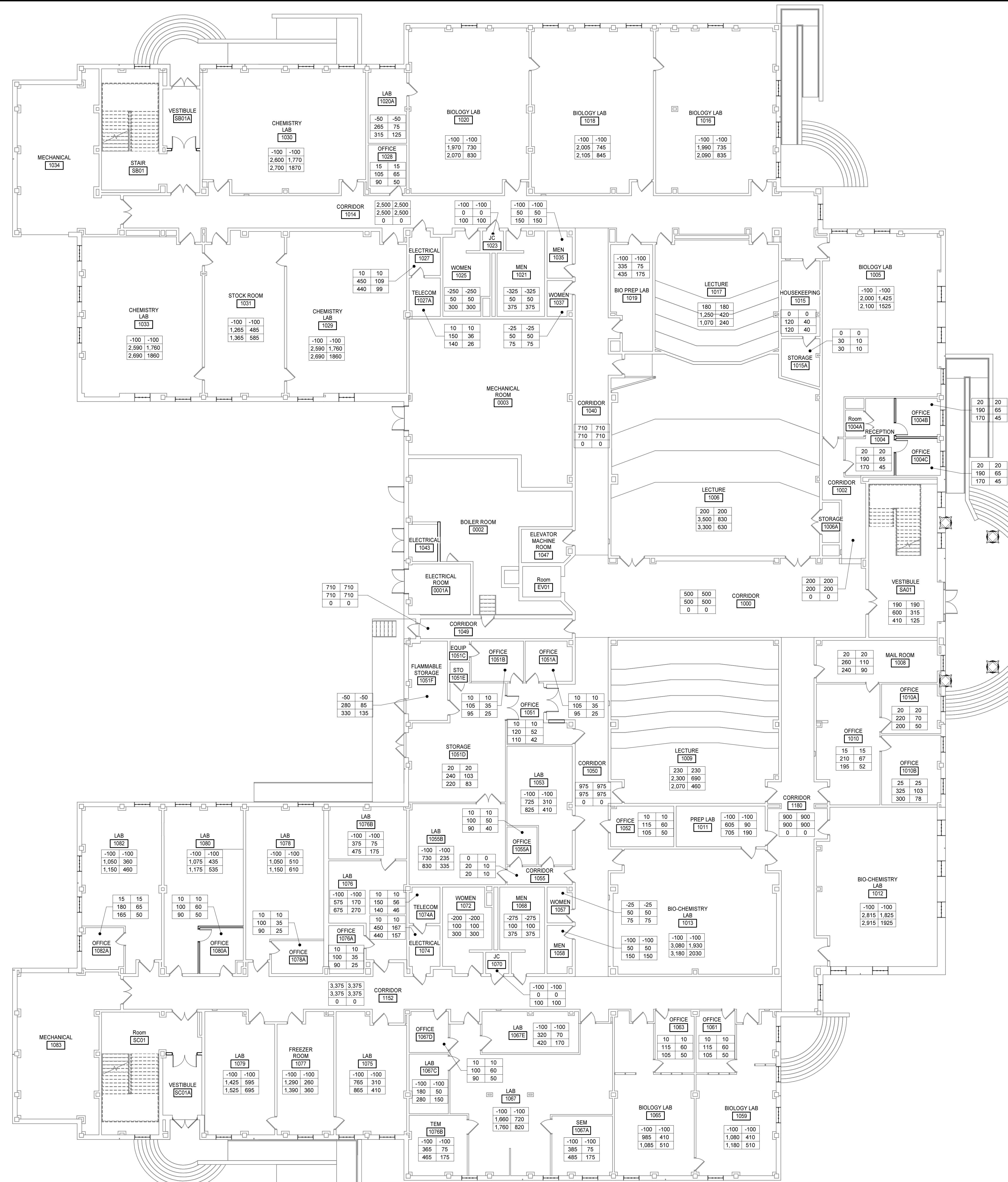


# FIRST FLOOR PLAN - AIR BALANCE

3/32" = 1'-0"



AIR BALANCE SCHEDULE - FIRST FLOOR																	
ROOM		ZONE	TRANSFER TO SPACE (CFM)	TRANSFER FROM SPACE (CFM)	OCC ACH (CFM)	UNOCC ACH (CFM)	PRESSURIZATION AIR (CFM)	FUME HOODS POINT EXHAUST EXHAUST SYSTEMS				GENERAL LAB VALVE		ZONE			
NUMBER	NAME							HOODS MAX (CFM)	HOODS MIN (CFM)	POINT MAX (CFM)	POINT MIN (CFM)	MAX (CFM)	MIN (CFM)	MAX SUPPLY (CFM)	MIN SUPPLY (CFM)	MAX EXHAUST (CFM)	MIN EXHAUST (CFM)
1000	CORRIDOR	1-VAV-11	0	0	0	0	500	0	0	0	0	0	0	200	200	0	0
1002	CORRIDOR	1-VAV-11	0	100	0	0	100	0	0	0	0	0	0	200	200	0	0
1004	RECEPTION	1-VAV-5	0	0	0	0	20	0	0	0	0	170	45	190	65	170	45
1004A	Room	1-VAV-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1004B	OFFICE	1-VAV-5	0	0	0	0	20	0	0	0	0	170	45	190	65	170	45
1004C	OFFICE	1-VAV-5	0	0	0	0	20	0	0	0	0	170	45	190	65	170	45
1005	BIOLOGY LAB	1-L8	100	0	2,100	840	0	0	0	1,400	1,400	700	125	2,000	1,425	2,100	1525
1006	LECTURE	1-VAV-4	0	0	0	0	200	0	0	0	0	3,300	630	3,500	830	3,300	630
1006A	STORAGE	1-VAV-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1014	CORRIDOR	1-VAV-9	0	1425	0	0	1,075	0	0	0	0	0	2,500	2,500	0	0	0
1015	HOUSEKEEPING	1-VAV-3	0	0	0	0	0	0	0	0	0	120	40	120	40	120	40
1015A	STORAGE	1-VAV-3	0	0	0	0	0	0	0	0	0	30	10	30	10	30	10
1016	BIOLOGY LAB	1-L8	100	0	2,090	835	0	700	285	0	0	1,805	550	1,990	735	2,090	835
1017	LECTURE	1-VAV-2	0	0	0	0	180	0	0	0	0	1,070	240	1,250	420	1,070	240
1018	BIOLOGY LAB	1-L7	100	0	2,105	845	0	700	285	0	0	1,820	560	2,005	745	2,105	845
1019	BIO PREP LAB	1-L10	100	0	435	175	0	0	0	0	0	435	175	335	75	435	175
1020	BIOLOGY LAB	1-L6	100	0	2,070	830	0	700	285	0	0	1,785	545	1,970	730	2,070	830
1020A	LAB	1-L5	50	0	305	125	0	0	0	0	0	315	125	265	75	315	125
1021	MEN	1-VAV-8	325	0	0	0	0	0	0	375	375	0	0	50	50	375	375
1023	JC	1-VAV-8	100	0	0	0	10	0	0	100	100	0	0	0	0	100	100
1025	WOMEN	1-VAV-8	250	0	0	0	0	0	0	300	300	0	0	50	50	300	300
1027	ELECTRICAL	1-VAV-7	0	0	0	0	10	0	0	0	0	440	63	450	109	440	99
1027A	TELECOM	1-VAV-7	0	0	0	0	10	0	0	0	0	140	62	150	36	140	28
1028	OFFICE	1-VAV-1	0	0	0	0	15	0	0	0	0	90	50	105	65	90	50
1029	CHEMISTRY LAB	1-L3	100	0	2,040	815	0	1,400	570	1,200	1,200	270	90	2,590	1,760	2,590	1,760
1030	CHEMISTRY LAB	1-L4	100	0	2,085	835	0	1,400	570	1,200	1,200	315	100	2,600	1,770	2,700	1,870
1031	STOCK ROOM	1-L2	100	0	1,365	550	0	700	285	100	100	980	200	1,265	485	1,365	585
1033	CHEMISTRY LAB	1-L1	100	0	2,020	810	0	1,400	570	1,200	1,200	250	90	2,590	1,760	2,690	1,860
1035	MEN	1-VAV-8	150	0	0	0	0	0	0	150	150	0	0	50	50	150	150
1037	WOMEN	1-VAV-8	25	0	0	0	0	0	0	75	75	0	0	50	50	75	75
1040	CORRIDOR	1-VAV-10	0	225	0	0	485	0	0	0	0	0	0	710	710	0	0
1049	CORRIDOR	1-VAV-12	0	0	0	0	150	0	0	0	0	0	0	150	150	0	0
SA01	VESTIBULE	1-VAV-6	0	0	0	0	190	0	0	0	0	410	125	600	315	410	125
AHU-1: 33																	
1008	MAIL ROOM	2-VAV-13	0	0	0	0	20	0	0	0	0	240	90	260	110	240	90
1009	LECTURE	2-VAV-10	0	0	0	0	230	0	0	0	0	2,070	460	2,300	690	2,070	460
1010	OFFICE	2-VAV-12	0	0	0	0	15	0	0	0	0	195	52	210	67	195	52
1010A	OFFICE	2-VAV-12	0	0	0	0	20	0	0	0	0	200	50	220	70	200	50
1010B	OFFICE	2-VAV-12	0	0	0	0	25	0	0	0	0	300	78	325	100	300	78
1011	PREP LAB	2-L19	100	0	385	155	0	0	0	550	0	500	155	605	89	705	188
1012	BIO-CHEMISTRY LAB	2-L20	100	0	1,955	785	0	1,665	675	1,200	1,200	80	50	2,815	1,825	2,915	1,925
1013	BIO-CHEMISTRY LAB	2-L18	100	0	2,110	845	0	1,930	780	1,200	1,200	130	50	3,080	1,930	3,180	2,030
1050	CORRIDOR	2-VAV-6	0	375	0	0	600	0	0	0	0	0	975	975	0	0	0
1051	OFFICE	2-VAV-14	0	0	0	0	10	0	0	0	0	110	42	120	42	110	42
1051A	OFFICE	2-VAV-9	0	0	0	0	10	0	0	0	0	95	25	105	35	95	25
1051B	OFFICE	2-VAV-9	0	0	0	0	10	0	0	0	0	95	25	105	35	95	25
1051C	EQUIP	2-VAV-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1051D	STORAGE	2-VAV-14	0	0	0	0	20	0	0	0	0	220	83	240	103	220	83
1051E	STO	2-VAV-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1051F	FLAMMABLE STORAGE	2-L21	50	0	330	135	0	0	0	0	0	330	135	280	85	330	135
1052	OFFICE	2-VAV-18	0	0	0	0	10	0	0	0	0	105	50	115	60	105	50
1053	LAB	2-L17	100	0	690	280	0	700	285	0	0	405	125	725	310	825	410
1055	CORRIDOR	2-VAV-16	0	0	0	0	0	0	0	0	0	20	10	20	10	20	10
1055A	OFFICE	2-VAV-16	0	0	0	0	10	0	0	0	0	90	40	100	50	90	40
1055B	LAB	2-L16	100	0	830	335	0	0	0	0	0	830	335	730	235	830	335
1057	WOMEN	2-VAV-5	25	0	0	0	0	0	0	75	75	0	75	50	50	75	75
1058	MEN	2-VAV-5	100	0	0	0	0	0	0	150	150	0	150	50	50	150	150
1059	BIOLOGY LAB	2-L15	100	0	1,080	435	0	700	285	0	0	895	225	1,080	410	1,180	510
1061	OFFICE	2-VAV-8	0	0	0	0	10	0	0	0	0	105	25	115	60	105	50
1063	OFFICE	2-VAV-8	0	0	0	0	10	0	0	0	0	105	25	115	60	105	50
1065	BIOLOGY LAB	2-L14	100	0	1,085	435	0	700	285	0	0	800	225	985	410	1,085	510
1067	LAB	2-L11	100	0	1,760	705	0	1,400	570	0	0	1,190	250	1,660	720	1,760	820
1067A	SEM	2-L13	100	0	385	155	25	0	0	0	0	485	155	385	75	485	175
1067C	LAB	2-L9	100	0	250	100	0	0	0	0	0	280	100	180	50	280	150
1067D	OFFICE	2-VAV-7	0	0	0	0	10	0	0	0	0	90	50	100	60	90	50
1067E	LAB	2-L12	100	0	420	170	0	0	0	0	0	420	170	320	70	420	170
1068	MEN	2-VAV-5	275	0	0	0	0	0	0	375	375	0	375	100	100	375	375
1070	JC	2-VAV-5	100	0	0	0	10	0	0	0	0	100	100	0	0	100	100
1072	WOMEN	2-VAV-5	200	0	0	0	0	0	0	0	0	300	300	0	100	300	300
1074	ELECTRICAL	2-VAV-4	0	0	0	0	10	0	0	0	0	440	83	450	167	440	157
1074A	TELECOM	2-VAV-4	0	0	0	0	10	0	0	0	0	140	42	150	56	140	46
1075	LAB	2-L3	100	0	865	350	0	700	285	0	0	580	125	685	310	865	410
1076	LAB	2-L7	100	0	675	270	0	0	0	0	0	675	270	575	170	675	270
1076A	OFFICE	2-VAV-3	0	0	0	0	10	0	0	0	0	90	25	100	35	90	25
1076B	TEM	2-L10	100	0	370	150	0	0	0	0	0	465	150	365	75	465	175
1076B	LAB	2-L8	100	0	430	175	0	0	0	0	0	475	175	375	75	475	175
1077	PREEZER ROOM	2-L2	100	0	695	280	0	0	0	0	0	1,390	300	1,290	258	1,390	300
1078	LAB	2-L6	100	0	1,150	460	0	700	285	200	200	665	125	1,050	510	1,150	610
1078A	OFFICE	2-VAV-3	0	0	0	0	10	0	0	0	0	90	25	100	35	90	25
1079	LAB	2-L1	100	0	875	350	0	1,400	570	0	0	305	125	1,425	595	1,525	695
1080	LAB	2-L5	100	0	1,175	470	0	700	285	0	0	890	250	1,075	435	1,175	535
1080A	OFFICE	2-VAV-2	0	0	0	0	10	0	0	0	0	90	50	100	60	90	50
1082	LAB	2-L4	100	0	1,145	460	0	700	285	0	0	865	175	1,050	360	1,150	460
1082A	OFFICE	2-VAV-1	0	0	0	0	15	0	0	0	0	165	50	180	65	165	50
1152	CORRIDOR	2-VAV-17	0	2075	0	0	1,300	0	0	0	0	0	0	3,375	3,37		