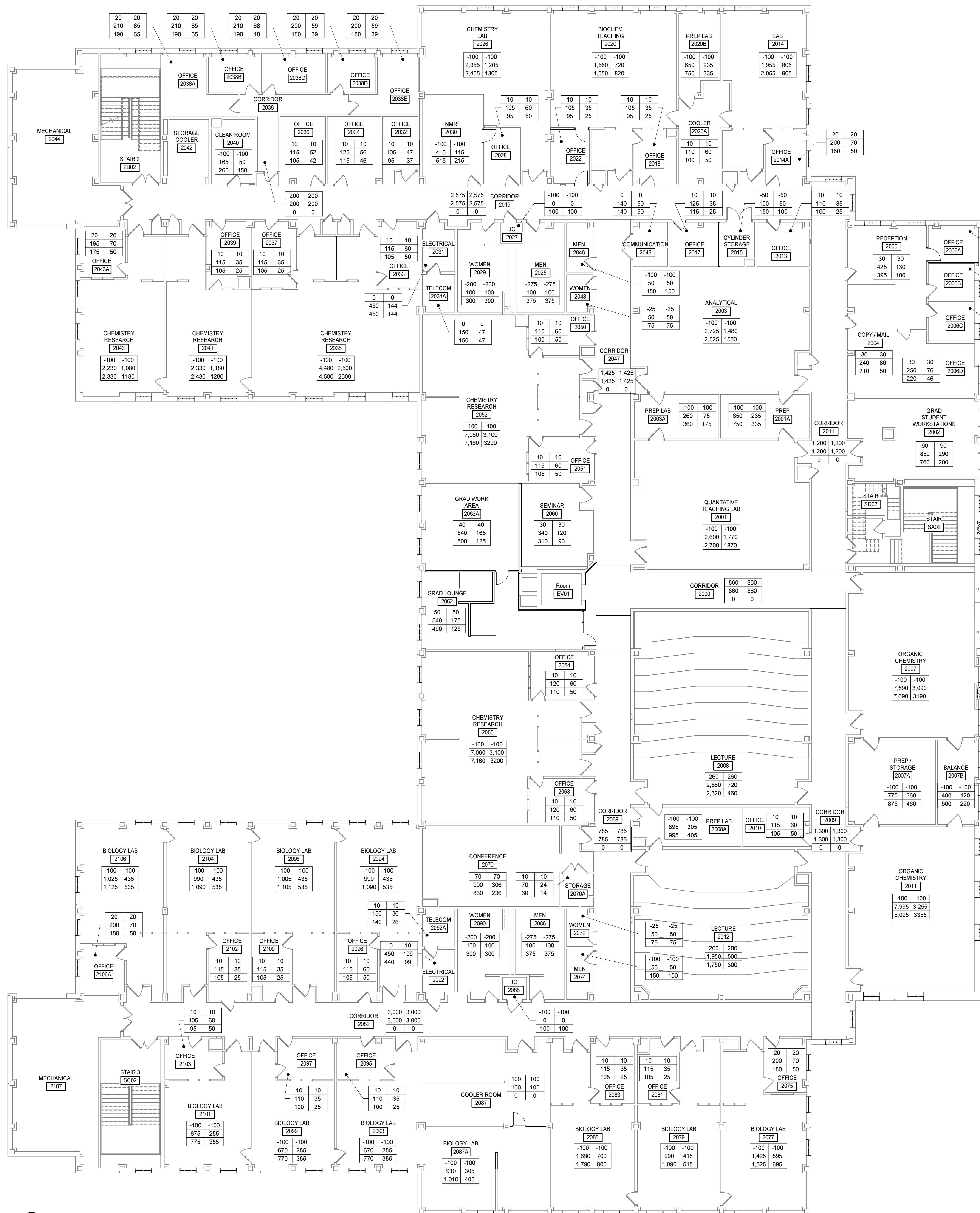


SECOND FLOOR PLAN - AIR BALANCE

3/32" = 1'-0"



AIR BALANCE SCHEDULE - SECOND 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	MAX (CFM)							MIN (CFM)	POINT MAX (CFM)	POINT MIN (CFM)	MAX (CFM)	MIN (CFM)	MAX SUPPLY (CFM)	MIN SUPPLY (CFM)	MAX EXHAUST (CFM)	MIN EXHAUST (CFM)	
2000	CORRIDOR	3-VAV-26	0	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001	QUANTITATIVE TEACHING LAB	3-L13	100	0	2,100	840	0	560	0	1,400	570	1,200	1,230	330	100	2,600	1,770	2,700
2001A	PREP	3-L15	100	0	380	155	0	700	285	0	0	95	50	650	235	750	335	100
2002	GRAD STUDENT WORKSTATIONS	3-VAV-21	0	0	0	0	0	90	0	0	0	0	760	200	850	290	760	200
2003	ANALYTICAL	3-L12	100	0	2,015	805	0	2,100	855	600	600	560	125	2,725	1,480	2,825	1,580	1,580
2003A	PREP LAB	3-L14	100	0	360	145	0	0	0	0	0	360	145	280	74	360	145	100
2004	COPY / MAIL	3-VAV-20	0	0	0	0	0	30	0	0	0	0	210	43	210	43	110	43
2006	RECEPTION	3-VAV-19	0	0	0	0	0	30	0	0	0	395	99	425	129	395	99	0
2006A	OFFICE	3-VAV-17	0	0	0	0	0	30	0	0	0	0	185	35	215	65	185	35
2006B	OFFICE	3-VAV-17	0	0	0	0	0	20	0	0	0	0	170	38	190	58	170	38
2006C	OFFICE	3-VAV-18	0	0	0	0	0	20	0	0	0	0	170	38	190	58	170	38
2006D	OFFICE	3-VAV-18	0	0	0	0	0	30	0	0	0	0	220	46	250	76	220	46
2007	ORGANIC CHEMISTRY	3-L16	100	0	2,375	795	0	7,560	3,090	100	100	0	0	7,590	3,090	7,690	3,190	3,190
2007A	PREP / STORAGE	3-L17	100	0	715	290	0	700	285	50	50	380	125	775	360	875	460	875
2007B	BALANCE	3-L18	100	0	340	135	0	0	0	0	0	0	500	135	400	120	500	220
2011	CORRIDOR	3-VAV-26	0	200	0	0	0	1,000	0	0	0	0	0	1,200	1,200	0	0	0
2013	OFFICE	3-VAV-22	0	0	0	0	0	10	0	0	0	0	100	25	110	35	100	25
2014	LAB	3-L10	100	0	1,080	435	0	1,930	780	0	0	0	340	125	1,955	805	2,055	905
2014A	OFFICE	3-VAV-11	0	0	0	0	0	20	0	0	0	0	180	50	200	70	180	50
2015	CYLINDER STORAGE	3-L11	50	0	145	60	0	0	0	0	0	0	150	60	100	50	150	100
2017	OFFICE	3-VAV-22	0	0	0	0	0	10	0	0	0	0	115	25	125	35	115	25
2018	OFFICE	3-VAV-10	0	0	0	0	0	10	0	0	0	0	95	25	105	35	95	25
2019	CORRIDOR	3-VAV-24	0	1575	0	0	0	1,000	0	0	0	0	0	2,575	2,575	0	0	0
2020	BIOCHEM TEACHING	3-L7	100	0	1,605	645	0	1,400	570	0	0	1,035	250	1,550	720	1,650	820	820
2020A	COOLER	3-VAV-23	0	0	0	0	0	10	0	0	0	0	100	125	110	60	100	125
2020B	PREP LAB	3-L9	100	0	315	130	0	700	285	0	0	80	50	650	235	750	335	335
2022	OFFICE	3-VAV-10	0	0	0	0	0	10	0	0	0	0	95	25	105	35	95	25
2025	MEN	3-VAV-8	275	0	0	0	0	0	0	0	0	375	375	0	100	375	375	375
2026	CHEMISTRY LAB	3-L6	100	0	1,340	535	0	1,930	780	400	400	160	125	2,355	1,205	2,455	1,305	1,305
2027	JC	3-VAV-8	100	0	0	0	0	0	0	0	0	100	100	0	0	100	100	100
2028	OFFICE	3-VAV-9	0	0	0	0	0	10	0	0	0	0	95	50	105	60	95	50
2029	WOMEN	3-VAV-8	200	0	0	0	0	0	0	0	0	300	300	0	100	300	300	300
2030	NMR	3-L8	100	0	515	205	0	0	0	0	0	0	515	205	415	113	515	213
2031	ELECTRICAL	3-VAV-7	0	0	0	0	0	0	0	0	0	0	450	80	450	144	450	144
2031A	TELECOM	3-VAV-7	0	0	0	0	0	0	0	0	0	0	150	45	150	48	150	48
2032	OFFICE	3-VAV-6	0	0	0	0	0	10	0	0	0	0	95	37	105	47	95	37
2033	OFFICE	3-VAV-3	0	0	0	0	0	10	0	0	0	0	105	50	115	60	105	50
2034	OFFICE	3-VAV-6	0	0	0	0	0	10	0	0	0	0	115	48	125	56	115	48
2035	CHEMISTRY RESEARCH	3-L3	100	0	2,115	845	0	3,330	1,350	1,250	1,250	0	0	4,480	2,500	4,480	2,500	2,600
2036	OFFICE	3-VAV-6	0	0	0	0	0	10	0	0	0	0	105	42	115	52	105	42
2037	OFFICE	3-VAV-2	0	0	0	0	0	10	0	0	0	0	105	25	115	35	105	25
2038	CORRIDOR	3-VAV-6	0	0	0	0	0	200	0	0	0	0	0	200	200	0	0	0
2038A	OFFICE	3-VAV-4	0	0	0	0	0	20	0	0	0	0	190	65	210	65	190	65
2038B	OFFICE	3-VAV-4	0	0	0	0	0	20	0	0	0	0	190	65	210	65	190	65
2038C	OFFICE	3-VAV-5	0	0	0	0	0	20	0	0	0	0	210	48	230	68	210	48
2038D	OFFICE	3-VAV-5	0	0	0	0	0	20	0	0	0	0	180	39	200	59	180	39
2038E	OFFICE	3-VAV-5	0	0	0	0	0	20	0	0	0	0	180	39	200	59	180	39
2039	OFFICE	3-VAV-2	0	0	0	0	0	10	0	0	0	0	105	25	115	35	105	25
2040	CLEAN ROOM	3-L4	100	0	265	110	0	0	0	0	0	0	265	110	165	41	265	141
2041	CHEMISTRY RESEARCH	3-L2	100	0	1,060	425	0	1,930	780	500	500	0	0	2,330	1,180	2,430	1,240	1,280
2043	CHEMISTRY RESEARCH	3-L1	100	0	1,055	440	0	1,930	780	400	400	0	0	2,230	1,080	2,330	1,180	1,280
2043A	OFFICE	3-VAV-1	0	0	0	0	0	20	0	0	0	0	175	50	195	70	175	50
2045	COMMUNICATION	3-VAV-22	0	0	0	0	0	0	0	0	0	0	140	50	140	50	140	50
2046	MEN	3-VAV-8	100	0	0	0	0	0	0	0	0	150	150	0	50	150	150	150
2047	CORRIDOR	3-VAV-25	0	425	0	0	0	1,000	0	0	0	0	0	1,425	1,425	0	0	0
2048	WOMEN	3-VAV-8	25	0	0	0	0	0	0	0	0	75	75	0	50	75	75	75
2050	OFFICE	3-VAV-12	0	0	0	0	0	10	0	0	0	0	100	50	110	60	100	50
2051	OFFICE	3-VAV-13	0	0	0	0	0	10	0	0	0	0	105	50	115	60	105	50
2052	CHEMISTRY RESEARCH	3-L5	100	0	2,070	830	0	6,660	2,700	500	500	0	0	7,060	3,100	7,160	3,200	3,200
2060	SEMINAR	3-VAV-14	0	0	0	0	0	30	0	0	0	0	310	90	340	120	310	90
2062	GRAD LOUNGE	3-VAV-16	0	0	0	0	0	50	0	0	0	0	490	125	540	175	490	125
2062A	GRAD WORK AREA	3-VAV-15	0	0	0	0	0	40	0	0	0	0	500	125	540	166	500	126
AHU-3-82																		
2008	LECTURE	4-VAV-13	0	0	0	0	0	260	0	0	0	0	2,320	460	2,580	720	2,320	460
2008A	PREP LAB	4-L13	100	0	400	160	0	995	405	0	0	0	0	895	305	995	405	405
2009	CORRIDOR	4-VAV-18	0	100	0	0	1,200	0	0	0	0	0	0	1,300	1,300	0	0	0
2010	OFFICE	4-VAV-14	0	0	0	0	0	10	0	0	0	0	105	50	115	60	105	50
2011	ORGANIC CHEMISTRY	4-L14	100	0	2,350	785	0	7,995	3,255	100	100	0	0	7,995	3,255	8,095	3,355	3,355
2012	LECTURE	4-VAV-15	0	0	0	0	0	200	0	0	0	0	1,750	300	1,950	500	1,750	300
2064	OFFICE	4-VAV-12	0	0	0	0	0	10	0	0	0	0	110	50	120	60	110	50
2066	CHEMISTRY RESEARCH	4-L12	100	0	2,140	860	0	6,660	2,700	500	500	0	0	7,060	3,100	7,160	3,200	3,200
2068	OFFICE	4-VAV-11	0	0	0	0	0	10	0	0	0	0	110	50	120	60	110	50
2069	CORRIDOR	4-VAV-16	0	325	0	0	0	460	0	0	0	0	0	785	785	0	0	0
2070	CONFERENCE	4-VAV-10	0	0	0	0	0	70	0	0	0	0	830	236	900	306	830	236
2070A	STORAGE	4-VAV-10	0	0	0	0	0	10	0	0	0	0	60	14	70	24	60	14
2072	WOMEN	4-VAV-9	25	0	0	0	0	0	0	0	0	0	75	50	50	75	75	50
2074	MEN	4-VAV-9	100	0	0	0	0	0	0	0	0	0	150	150	0	50	150	150
2075	OFFICE	4-VAV-7	0	0	0	0	0	20	0	0	0	0	180	50	200	70	180	