

PLAN REVIEW APPROVAL STAMP

VENTILATION AIR SCHEDULE															
ROOM NUMBER AND NAME	AREA (SQ. FT.)	OCCUPANT LOAD (#/1000 SQ. FT.)	NUMBER OF OCCUPANTS	OUTSIDE AIR REQUIREMENT (CFM/P)	OUTSIDE AIR REQUIREMENT (CFM/SQ. FT.)	OUTSIDE AIR REQUIRED (CFM)		ZONE OSA (CFM)	SUPPLY AIR (CFM)	PRIMARY OSA FRACTION	RETURN AIR (CFM)	EXHAUST AIR (CFM)	Zone Ventilation Efficiency	Corrected OSA CFM	AIR SYSTEMS
	Az		Pz	Rp	Ra	Vbz	Er	Voz	Vpz	Zp			Evz		
1214 OFFICE	58	5	1	5	0.06	8	1.0	8	75	0.11	75	0	0.98	9	FC-B1
1210 OFFICE	58	5	1	5	0.06	8	1.0	8	75	0.11	75	0	0.98	9	FC-B1
1024 CORRIDOR	589	0	0	0	0.06	35	1.0	35	225	0.16	310	0	0.94	36	FC-B1
1106 OFFICE	70	5	1	5	0.06	9	1.0	9	75	0.12	75	0	0.97	9	FC-B1
1107 COPY	62	5	1	5	0.06	9	1.0	9	85	0.10	0	0	0.99	9	FC-B1
1108 WOMENS	40	0	0	0	0	0	1.0	0	50	0.00	0	75	1.10	0	FC-B1
1109 MENS	40	0	0	0	0	0	2.0	0	50	0.00	0	75	1.10	0	FC-B1
1110 ELEC ROOM	90	0	0	0	0.06	5	3.0	2	100	0.02	100		1.08	2	FC-B1
TOTAL	1007		4			70		70	735		600	150	0.9	71.3	
1114 OPEN OFFICE	270	5	2	5	0.06	26	1.0	26	370	0.07	350	0	1.00	26.60	FC-A2
1115 OFFICE	95	5	1	5	0.06	11	1.0	11	165	0.06	145	0	1.01	10.86	FC-A2
1116 OFFICE	60	5	1	5	0.06	9	1.0	9	100	0.09	100	0	0.99	8.73	FC-A2
1117 OFFICE	50	5	1	5	0.06	8	1.0	8	100	0.08	100	0	0.99	8.12	FC-A2
1118 OFFICE	121	5	1	5	0.06	12	1.0	12	185	0.07	165	0	1.00	12.45	FC-A2
1119 OFFICE	130	5	1	5	0.06	13	1.0	13	185	0.07	165	0	1.00	12.99	FC-A2
TOTAL	726		7			79		79	1105		1025	0	1.0	79.7	
1002 RECEPTION	135	5	1	5	0.06	13	1.0	13	75	0.17	75	0	0.92	13	FC-B3
1001 LOBBY	170	5	1	5	0.06	15	1.0	15	75	0.20	75	0	0.90	15	FC-B3
1003 CORRIDOR	424	0	0	0	0.06	25	1.0	25	75	0.34	175	0	0.76	26	FC-B3
1000 VEST	55	0	0	0	0.06	3	1.0	3	150	0.02	0	0	1.08	3	FC-B3
1209 OFFICE	62	5	1	5	0.06	9	1.0	9	75	0.12	75	0	0.98	9	FC-B3
1206 OFFICE	62	5	1	5	0.06	9	1.0	9	75	0.12	75	0	0.98	9	FC-B3
1101 MENS	88	0	0	0	0	0	1.0	0	50	0.00	0	100	1.10	0	FC-B3
ELECT A	116	0	0	0	0	0	1.0	0	110	0.00	110	0	1.10	0	FC-B3
ELECT B	55	0	0	0	0.06	3	1.0	3	100	0.03	0	100	1.07	3	FC-B3
TOTAL	1167		4			78		78	785		685	200	1.0	79	
1004 CORRIDOR	455	0	0	0	0.06	27	1.0	27	1125	0.02	985	0	1.00	28	FC-B4
TOTAL	455		0			27		27	1125		985	0	1.0	28	
1105 CONFERENCE	282	25	8	5	0.06	57	1.0	57	560	0.10	560	0	1.00	56.9	FC-B5
TOTAL	282		8			57		57	560		560	0	1.0	56.9	
1112 CONFERENCE	163	25	5	5	0.06	35	1.0	35	560	0.06	560	0	1.00	34.78	FC-B6
TOTAL	163		5			35		35	560		560	0	1.0	34.8	
1213 LAB 8	386	5	2	5	0.06	33	1.0	33	1600	0.02	1200	400	1.00	33.16	FC-B7
TOTAL	386		2			33.16		33.16	1600		1200	400	1.0	33.2	

BEND RESEARCH, INC.
TUMALO - LABS 5 & 6 UPGRADES



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DRAWN/ CHECKED:

ISSUED: