

one and one half inches = one foot  
one inch = one foot  
one inch = one foot  
one quarter inch = one foot  
one half inch = one foot  
one eighth inch = one foot

1ST FLOOR ROOM COOLING AND HEATING LOADS OUTPUT DATA SUMMARY SCHEDULE																										
AHU NO	FCU NO	ROOM NAME	ROOM TYPE	ROOM SIZE		AHU SYSTEM TYPE	PEAK ROOM COOLING LOAD <sup>1</sup>		PEAK ROOM HEATING LOAD <sup>2</sup>	CALCULATED ROOM AIRFLOW		REQUIRED ROOM AIRFLOW		REQUIRED OA AIRFLOWS				REQUIRED ROOM OA AIRFLOW	SELECTED DESIGN ROOM AIRFLOW				ROOM AIR RETURN EXHAUST (S)	ROOM STATUS	ROOM AIR BALANCE	
				AREA	HEIGHT		SENSIBLE	LATENT		DELTA T	CFM	ACH	CFM	VA REQ: 15% OF SA	ASHRAE 170 - 2008	ASHRAE 62.1 - 2007			SUPPLY	OA	EXHAUST	RETURN				
																BTUH	BTUH									BTUH
				SF	FT	VAV OR CV	BTUH	BTUH	BTUH					CFM	ACH	CFM	CFM	CFM	CFM	CFM	CFM	VAV OR CV	(+) OR (-) OR (0)			
513-AHU1	1 - UH-1-2	100 FOYER	Vestibule/Foyer	136	8.67	CV	0	0		20	0	1 CFM/SF	136	0	N/A	N/A	18	18	0	140	0	0	EXHAUST (G)	CV	+	
513-AHU1	2 - FCU-1-1	101 QUIET ROOM	Quiet Room	320	8.67	VAV	7589	2948	-9471	20	350	10	185	52	N/R	N/A	34	185	350	185	180	350	EXHAUST (G)	VAV	0	
513-AHU1	3 - FCU-1-2	102 BATHING SUITE	Bathing Suite	192	8.33	VAV	4088	431	-2885	20	188	10	266	28	N/R	N/A	188	28	190	100	190	190	EXHAUST (S)	VAV	-	
513-AHU1	3 - FCU-1-2	103 TOILET	Resident Toilet	55	8.33	CV	895	200	-134	20	41	10	76	6	N/R	N/R	N/R	6	0	0	80	0	EXHAUST (G)	CV	-	
513-AHU1	4 - FCU-1-3	104 BEDROOM, RES	Resident Bedroom	214	8.67	VAV	4639	1983	-5711	20	214	4	124	32	2	62	18	62	215	95	0	215	EXHAUST (G)	VAV	+	
513-AHU1	4 - FCU-1-3	105 BATH, GEN	Resident Toilet	64	8.33	CV	1163	200	-156	20	54	10	89	8	N/R	N/R	N/R	8	0	0	90	0	EXHAUST (G)	CV	-	
513-AHU1	5 - FCU-1-4	106 BEDROOM, BAR	Resident Bedroom	326	8.67	VAV	5526	2146	-8168	20	255	4	188	38	2	94	25	94	255	125	0	255	EXHAUST (G)	VAV	+	
513-AHU1	5 - FCU-1-4	107 BATH, GEN	Resident Toilet Ext	85	8.33	CV	1693	411	-1513	20	78	10	118	12	N/R	N/R	N/R	12	0	0	120	0	EXHAUST (G)	CV	-	
513-AHU1	6 - FCU-1-5	108 BEDROOM, RES	Resident Bedroom	247	8.67	VAV	4385	1588	-4714	20	202	4	143	30	2	71	20	71	205	95	0	205	EXHAUST (G)	VAV	+	
513-AHU1	6 - FCU-1-5	109 BATH, GEN	Resident Toilet	65	8.33	CV	1175	200	-159	20	54	10	90	8	N/R	N/R	N/R	8	0	0	90	0	EXHAUST (G)	CV	-	
513-AHU1	7 - FCU-1-6	110 BEDROOM, RES	Resident Bedroom	224	8.67	VAV	4696	1614	-5134	20	216	4	129	32	2	65	18	65	220	100	0	220	EXHAUST (G)	VAV	+	
513-AHU1	7 - FCU-1-6	111 BATH, GEN	Resident Toilet	68	8.33	CV	1298	200	-166	20	60	10	94	9	N/R	N/R	N/R	9	0	0	95	0	EXHAUST (G)	CV	-	
513-AHU1	8 - FCU-1-7	112 BEDROOM, RES	Resident Bedroom	234	8.67	VAV	4799	1790	-6083	20	221	4	135	33	2	68	19	68	225	95	0	225	EXHAUST (G)	VAV	+	
513-AHU1	8 - FCU-1-7	113 BATH, GEN	Resident Toilet	64	8.33	CV	1293	200	-156	20	60	10	89	9	N/R	N/R	N/R	9	0	0	90	0	EXHAUST (G)	CV	-	
513-AHU1	9 - FCU-1-8	114 BEDROOM, RES	Resident Bedroom	263	8.67	VAV	5932	2076	-7998	20	273	4	152	41	2	76	21	76	275	90	0	275	EXHAUST (G)	VAV	+	
513-AHU1	9 - FCU-1-8	115 BATH, GEN	Resident Toilet Ext	64	8.33	CV	1837	498	-2042	20	85	10	89	13	N/R	N/R	N/R	13	0	0	90	0	EXHAUST (G)	CV	-	
513-AHU1	10 - FCU-1-9	116 BEDROOM, RES	Resident Bedroom	221	8.67	VAV	3244	1444	-5549	20	150	4	128	22	2	64	18	64	150	95	0	150	EXHAUST (G)	VAV	+	
513-AHU1	10 - FCU-1-9	117 BATH, GEN	Resident Toilet	67	8.33	CV	1171	200	-164	20	54	10	93	8	N/R	N/R	N/R	8	0	0	95	0	EXHAUST (G)	CV	-	
513-AHU1	11 - FCU-1-10	118 BEDROOM, RES	Resident Bedroom	220	8.67	VAV	3192	1523	-5540	20	147	4	127	22	2	64	18	64	150	95	0	150	EXHAUST (G)	VAV	+	
513-AHU1	11 - FCU-1-10	119 BATH, GEN	Resident Toilet	66	8.33	CV	1333	200	-161	20	61	10	92	9	N/R	N/R	N/R	9	0	0	95	0	EXHAUST (G)	CV	-	
513-AHU1	12 - FCU-1-11	120 BEDROOM, RES	Resident Bedroom	263	8.67	VAV	5373	2099	-7496	20	248	4	152	37	2	76	21	76	250	90	0	250	EXHAUST (G)	VAV	+	
513-AHU1	12 - FCU-1-11	121 BATH, GEN	Resident Toilet Ext	64	8.33	CV	1839	475	-1897	20	85	10	89	13	N/R	N/R	N/R	13	0	0	90	0	EXHAUST (G)	CV	-	
513-AHU1	13 - FCU-1-21	122 HOUSE CARE WS	Office	185	8.67	VAV	5366	1852	-3920	20	247	4	107	37	N/A	N/A	26	37	250	50	45	250	EXHAUST (G)	VAV	0	
513-AHU1	14 - FCU-1-20	123 MED RM	Med Room	64	8	CV	414	0	-156	20	19	4	34	3	2	17	17	17	0	0	50	0	EXHAUST (G)	CV	+	
513-AHU1	14 - FCU-1-20	124 EQUIPSTOR	Storage	62	8	CV	404	0	-152	20	19	N/R	N/R	3	N/R	N/R	7	7	0	50	0	0	EXHAUST (G)	CV	0	
513-AHU1	14 - FCU-1-20	125 ELEC RM	Electrical	29	8	CV	271	39	0	20	12	N/R	N/R	2	N/A	N/A	2	2	0	0	0	0	EXHAUST (G)	CV	0	
513-AHU1	15 - FCU-1-19	126 TOILET	Resident Toilet	61	8.33	CV	655	200	-149	20	30	10	85	5	N/R	N/R	N/R	5	0	0	85	0	EXHAUST (G)	CV	-	
513-AHU1	1 - UH-1-2	127 COAT CLO	Storage	12	8	CV	0	0	0	20	0	N/R	N/R	0	N/R	N/R	1	1	0	0	0	0	EXHAUST (G)	CV	0	
513-AHU1	14 - FCU-1-20	128 LIVING ROOM	Living Room	456	9	VAV	13959	4792	-11111	20	643	4	274	96	4	274	72	274	645	275	260	645	EXHAUST (G)	VAV	0	
513-AHU1	16 - FCU-1-18	129 BREAKFAST NOOK	Dining Room	111	8.33	VAV	4725	2326	-5777	20	218	4	62	33	4	62	80	80	220	80	0	220	EXHAUST (G)	VAV	0	
513-AHU1	15 - FCU-1-19	130 DINING ROOM	Dining Room	339	9	VAV	4723	2511	-2517	20	218	4	204	33	4	204	121	204	220	205	115	220	EXHAUST (G)	VAV	0	
513-AHU1	16 - FCU-1-18	131 KITCHEN - SERVERY	Kitchen/Servery	302	8.5	VAV	4327	-13468	-10038	20	199	6	257	30	2	86	N/A	86	260	140	260	260	EXHAUST (S)	VAV	-	
513-AHU1	19 - FCU-1-12	132 BEDROOM, RES	Resident Bedroom	210	8.67	VAV	3231	1410	-5318	20	149	4	121	22	2	61	18	61	150	95	0	150	EXHAUST (G)	VAV	+	
513-AHU1	19 - FCU-1-12	133 BATH, GEN	Resident Toilet	67	8.33	CV	1166	200	-164	20	54	10	93	8	N/R	N/R	N/R	8	0	0	95	0	EXHAUST (G)	CV	-	
513-AHU1	20 - FCU-1-13	134 BEDROOM, RES	Resident Bedroom	210	8.67	VAV	3334	1542	-5807	20	154	4	121	23	2	61	18	61	155	95	0	155	EXHAUST (G)	VAV	+	
513-AHU1	20 - FCU-1-13	135 BATH, GEN	Resident Toilet	68	8.33	CV	1177	200	-166	20	54	10	94	8	N/R	N/R	N/R	8	0	0	95	0	EXHAUST (G)	CV	-	
513-AHU1	21 - FCU-1-14	136 BEDROOM, RES	Resident Bedroom	289	8.67	VAV	3268	1659	-5239	20	151	4	167	23	2	84	22	84	170	90	0	170	EXHAUST (G)	VAV	+	
513-AHU1	21 - FCU-1-14	137 BATH, GEN	Resident Toilet	64	8.33	CV	1174	200	-156	20	54	10	88	8	N/R	N/R	N/R	8	0	0	90	0	EXHAUST (G)	CV	-	
513-AHU1	18 - FCU-1-22	138 LAUNDRY	Laundry	88	8	VAV	1464	434	-605	20	67	10	117	10	2	23	53	53	120	0	120	120	EXHAUST (S)	VAV	-	
513-AHU1	17 - FCU-1-17	139 CLEAN LIN	Clean Linen	24	8	CV	275	0	-59	20	13	4	13	2	N/R	N/R	3	3	0	50	0	0	EXHAUST (G)	CV	+	
513-AHU1	17 - FCU-1-17	140 CORRIDOR	Corridor	120	8	VAV	750	162	-413	20	35	4	64	5	N/R	N/R	7	7	65	205	0	65	EXHAUST (G)	VAV	+	
513-AHU1	17 - FCU-1-17	141 HAC	Soiled Carts	37	8	CV	226	0	-90	20	10	10	50	2	N/R	N/R	4	4	0	0	50	0	EXHAUST (G)	CV	-	
513-AHU1	17 - FCU-1-17	142 SOILED UTIL	Soiled Carts	59	8	CV	285	0	-144	20	13	10	79	2	N/R	N/R	7	7	0	0	80	0	EXHAUST (G)	CV	-	
513-AHU1	17 - FCU-1-17	143 STAFF TOILET	Resident Toilet	53	8	CV	610	200	-130	20	28	10	71	4	N/R	N/R	N/R	4	0	0	75	0	EXHAUST (G)	CV	-	
513-AHU1	17 - FCU-1-17	144 MED SUPPLY	Med Room	68	8	CV	403	0	-166	20	19	4	36	3	2	18	17	18	0	50	0	0	EXHAUST (G)	CV	+	
513-AHU1	22 - ACU-1-1	145 COMM CLOSET	Telecomm Closet	62	12	CV	5715	0	-164	20	263	6	74	40	N/A	N/A	0	40	265	0	50	265	EXHAUST (G)	CV	0	
513-AHU1	23 - FCU-1-23	146 REC STOR	Storage	55	8	CV	348	0	-134	20	16	N/R	N/R	2	N/R	N/R	7	7	0	50	0	0	EXHAUST (G)	CV	0	
513-AHU1	25 - FCU-1-15	147 INTERDISC OFFICE	Office	205	8	VAV	3307	1380	-1409	20	152	4	109	23	N/A	N/A	27	27	155	50	50	155	EXHAUST (G)	VAV	0	
513-AHU1	24 - FCU-1-23	148 STRETCHER STOR	Storage	51	8	CV	257	0	-125	20	12	N/R	N/R	2	N/R	N/R	6	6	0	50	0	0	EXHAUST (G)	CV	0	
513-AHU1	23 - FCU-1-23	149 RECYC/TRASH	Soiled Carts	67	11	CV	442	0	-179	20	20	10	123	3	N/R	N/R	8	8	0	0	125	0	EXHAUST (G)	CV	-	
513-AHU1	26 - UH-1-1	150 MECH ROOM	Mechanical	239	11	CV	0	0	0	20	0	N/R	N/R	0	N/A	N/A	N/A	0	0	0	50	0	EXHAUST (G)	CV	0	
513-AHU1	27 - ACU-1-2	151 EMR	EMR	84	11	CV	657	181	-1231	20	30	N/R	N/R	5	N/A	N/A	10	10	35	50	0	35	EXHAUST (G)	CV	0	
513-AHU1	-	152 POLICE TACK ROOM	Storage	82	8	CV																				