

OUTSIDE AIR VENTILATION SCHEDULE

RTU-1

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 448 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
RTU-1									
A201 - LOUNGE	1	1191.0	21.0	1303.3	5.00	0.12	0.0	0.0	247.9
A203 - OFFICE RR	1	53.0	0.0	42.4	0.00	0.00	0.0	0.0	0.0
A204 - OPEN OFFICE	1	1287.0	10.0	1037.6	5.00	0.06	0.0	0.0	127.8
A205 OFFICE RR	1	53.0	0.0	42.4	0.00	0.00	0.0	0.0	0.0
A206 - IT DATA	1	49.0	0.0	206.1	5.00	0.06	0.0	0.0	2.9
A207 - OFFICE	1	121.0	2.0	297.3	5.00	0.06	0.0	0.0	17.3
A208 - OFFICE	1	123.0	2.0	298.8	5.00	0.06	0.0	0.0	17.4
A209 - OFFICE	1	121.0	2.0	297.3	5.00	0.06	0.0	0.0	17.3
A210 - OFFICE	1	125.0	2.0	327.0	5.00	0.06	0.0	0.0	17.5
Totals (incl. Space Multipliers)				3852.0					448.1

RTU-2

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 438 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
RTU-2									
A101-RECEPTION	1	154.0	4.0	228.0	5.00	0.06	0.0	0.0	29.2
A102 - COUNSELING	1	112.0	2.0	123.4	5.00	0.06	0.0	0.0	16.7
A103 - OFFICE RECEPTION	1	755.0	10.0	610.0	5.00	0.06	0.0	0.0	95.3
A104 - FINANCE	1	161.0	2.0	136.5	5.00	0.06	0.0	0.0	19.7
A105 - STAFF RR	1	71.0	0.0	56.8	0.00	0.00	0.0	0.0	0.0
A106 - EXECUTIVE PASTOR	1	176.0	2.0	306.8	5.00	0.06	0.0	0.0	20.6
A107 - CORRIDOR	1	194.0	0.0	155.2	0.00	0.00	0.0	0.0	11.6
A108 - BISHOP	1	161.0	2.0	136.5	5.00	0.06	0.0	0.0	19.7
A109 - BISHOP RR	1	69.0	0.0	55.2	0.00	0.00	0.0	0.0	0.0
A111 - PASTORS RR	1	81.0	0.0	64.8	0.00	0.00	0.0	0.0	0.0
A110 - PASTORS WIFE	1	147.0	2.0	132.7	5.00	0.06	0.0	0.0	18.8
A112 - SHOWER	1	24.0	0.0	32.7	0.00	0.00	0.0	0.0	0.0
A113 - TOILET	1	29.0	0.0	20.8	0.00	0.00	0.0	0.0	0.0
A114 - PASTORS OFFICE	1	423.0	4.0	649.1	5.00	0.06	0.0	0.0	43.4
A115 - PASTORS STUDY	1	226.0	4.0	365.3	5.00	0.06	0.0	0.0	33.6
C-113 CORE	1	416.0	7.0	422.2	7.50	0.18	0.0	0.0	127.4
Totals (incl. Space Multipliers)				3495.9					437.9

RTU-3

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 192 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
RTU-3									
A202 - CONFERENCE	1	663.0	30.0	1280.6	5.00	0.06	0.0	0.0	191.6
Totals (incl. Space Multipliers)				1280.6					191.6

RTU-4

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 271 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
RTU-4									
K202 CORRIDOR	1	953.0	20.0	798.0	0.00	0.06	0.0	0.0	57.2
K206 - SK	1	448.0	16.0	567.0	10.00	0.12	0.0	0.0	213.8
K207 - GIRLS RR	1	260.0	4.0	208.0	0.00	0.00	0.0	0.0	0.0
K210 - BOYS RR	1	261.0	4.0	208.8	0.00	0.00	0.0	0.0	0.0
Totals (incl. Space Multipliers)				1781.7					270.9

RTU-5

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 990 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
RTU-5									
K204 - 5TH	1	448.0	14.0	561.9	10.00	0.12	0.0	0.0	193.9
K205 - 4TH	1	439.0	14.0	677.9	10.00	0.12	0.0	0.0	192.7
K206 - 3RD	1	427.0	14.0	672.2	10.00	0.12	0.0	0.0	191.2
K209 - 2ND	1	420.0	14.0	668.9	10.00	0.12	0.0	0.0	190.4
K211 - 1ST	1	463.0	14.0	733.7	10.00	0.12	0.0	0.0	195.6
K212 - RESOURCE	1	269.0	2.0	364.5	5.00	0.06	0.0	0.0	26.1
Totals (incl. Space Multipliers)				3799.1					989.8

RTU-6

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 425 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
RTU-6									
K101 - KIDS CORRIDOR	1	530.0	15.0	434.8	0.00	0.06	0.0	0.0	31.8
K107 - OFFICE	1	180.0	1.0	144.0	5.00	0.06	0.0	0.0	15.9
K108 - INFANTS	1	385.0	12.0	412.6	10.00	0.16	0.0	0.0	180.3
K113 - CRAWLERS	1	377.0	12.0	441.9	10.00	0.18	0.0	0.0	187.9
Totals (incl. Space Multipliers)				1433.3					424.8

OUTSIDE AIR VENTILATION SCHEDULE

RTU-7

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 884 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
RTU-7									
K104 - 4 YEARS	1	363.0	10.0	422.7	10.00	0.18	0.0	0.0	165.3
K105 - 4 YEAR RR	1	60.0	12.0	199.1	10.00	0.30	0.0	0.0	0.0
K106 - 4 YEARS	1	362.0	10.0	580.0	10.00	0.18	0.0	0.0	165.2
K110 - 3 YEARS	1	364.0	10.0	545.5	10.00	0.18	0.0	0.0	165.5
K111 - 3 YEAR RR	1	60.0	12.0	199.1	10.00	0.30	0.0	0.0	0.0
K112 - 3 YEARS	1	361.0	10.0	544.3	10.00	0.18	0.0	0.0	165.0
K114 - TODDLERS	1	548.0	10.0	652.6	10.00	0.18	0.0	0.0	198.6
K115 - TODDLER RR	1	46.0	0.0	36.8	0.00	0.00	0.0	0.0	0.0
K116 - RESOURCE	1	247.0	2.0	298.5	5.00	0.06	0.0	0.0	34.8
Totals (incl. Space Multipliers)				3426.6					884.5

RTU-8

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 791 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
RTU-8									
K203 - CHILDRENS WORSHIP	1	1511.0	140.0	3103.9	5.00	0.06	0.0	0.0	790.7
Totals (incl. Space Multipliers)				3103.9					790.7

RTU-9&10

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 2000 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
RTU-9&10									
C102 - LOBBY	1	8634.0	220.0	13057.2	0.00	0.00	2000.0	0.0	2000.0
Totals (incl. Space Multipliers)				13057.2					2000.0

GPU-1&2

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 4896 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
GPU-1&2									
W101 - WORSHIP	1	8686.0	875.0	18839.1	5.00	0.06	0.0	0.0	4896.2
Totals (incl. Space Multipliers)				18839.1					4896.2

GPU-3

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 392 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
GPU-3									
W112 - PLATFORM	1	2247.0	35.0	3831.2	5.00	0.06	0.0	0.0	309.8
W114 - BOH CORRIDOR	1	337.0	0.0	337.0	0.00	0.06	0.0	0.0	20.2
W116 - BOH RR	1	53.0	0.0	53.0	0.00	0.00	0.0	0.0	0.0
W103 - BOH CORRIDOR	1	297.0	0.0	297.0	0.00	0.06	0.0	0.0	17.6
W106 - BAPTISM WAIT /DR	1	136.0	4.0	136.0	5.00	0.06	0.0	0.0	28.2
W109 - BAPTISM RR	1	53.0	0.0	53.0	0.00	0.00	0.0	0.0	0.0
W111 - BAPTISTRY	1	171.0	1.2	171.0	5.00	0.06	0.0	0.0	16.4
Totals (incl. Space Multipliers)				4878.2					392.4

AC-1

1. **Summary**
Ventilation Sizing Method _____ Sum of Space OA Airflows _____
Design Ventilation Airflow Rate _____ 109 CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
AC-1									
W201 - PRODUCTION	1	526.0	4.0	613.5	5.00	0.06	0.0	0.0	51.6
W202 - RR	1	45.0	0.0	45.0	0.00	0.00	0.0	0.0	0.0
W203 - RECORDING STUDIO	1	189.0	2.0	385.7	5.00	0.06	0.0	0.0	21.3
W204 - RECORDING STUDIO	1	440.0	2.0	443.4	5.00	0.06	0.0	0.0	36.4
Totals (incl. Space Multipliers)				1487.5					109.3