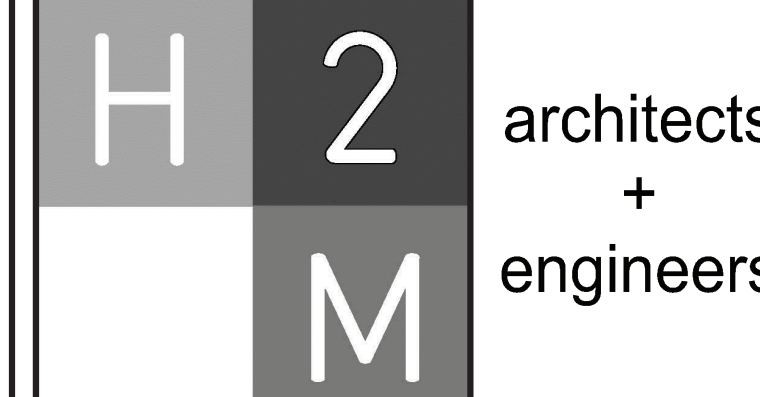


**VENTILATION INDEX BASED ON 2020 NEW YORK STATE MECHANICAL CODE (1 OF 2)**

ROOM NAME	OCCUPANCY CLASSIFICATION	FLOOR AREA (SF)	OCCUPANCY LOAD (PERSONS/1000 SF)	NUMBER OF OCCUPANTS	OCCUPANT BASED OA RATE (CFM/OCCUPANT)	AREA BASED OUTSIDE AIR RATE (CFM/SF)	EXHAUST RATE (CFM/SF)	UNCORRECTED OA REQUIRED (CFM)	Ez EFFICIENCY FACTOR (HEATING)	CORRECTED OA [HEATING] (CFM)	EXHAUST REQUIRED (CFM)
102	CLASSROOM 5-8	1085	25	28	10	0.12	0	411	0.90	457	0
103	CLASSROOM 5-8	1090	25	28	10	0.12	0	411	0.90	457	0
104	CLASSROOM 5-8	1000	25	25	10	0.12	0	370	0.90	411	0
105	CLASSROOM 5-8	825	25	21	10	0.12	0	309	0.90	343	0
106	CLASSROOM 5-8	1010	25	26	10	0.12	0	382	0.90	424	0
107	CLASSROOM 5-8	835	25	21	10	0.12	0	311	0.90	346	0
108	CLASSROOM 5-8	1010	25	26	10	0.12	0	382	0.90	424	0
109	CLASSROOM 5-8	835	25	21	10	0.12	0	311	0.90	346	0
110	CLASSROOM 5-8	990	25	25	10	0.12	0	369	0.90	410	0
111	CLASSROOM 5-8	835	25	21	10	0.12	0	311	0.90	346	0
113	CLASSROOM 5-8	830	25	21	10	0.12	0	310	0.90	344	0
123	CLASSROOM 5-8	710	25	18	10	0.12	0	266	0.90	296	0
124	CLASSROOM 5-8	710	25	18	10	0.12	0	266	0.90	296	0
125	CLASSROOM 5-8	715	25	18	10	0.12	0	266	0.90	296	0
126	CLASSROOM 5-8	715	25	18	10	0.12	0	266	0.90	296	0
127	CLASSROOM 5-8	710	25	19	10	0.12	0	266	0.90	296	0
128	CLASSROOM 5-8	710	25	17	10	0.12	0	266	0.90	296	0
133	CLASSROOM 5-8	740	25	19	10	0.12	0	279	0.90	310	0

**VENTILATION INDEX BASED ON 2020 NEW YORK STATE MECHANICAL CODE (2 OF 2)**

ROOM NAME	OCCUPANCY CLASSIFICATION	FLOOR AREA (SF)	OCCUPANCY LOAD (PERSONS/1000 SF)	NUMBER OF OCCUPANTS	OCCUPANT BASED OA RATE (CFM/OCCUPANT)	AREA BASED OUTSIDE AIR RATE (CFM/SF)	EXHAUST RATE (CFM/SF)	UNCORRECTED OA REQUIRED (CFM)	Ez EFFICIENCY FACTOR (HEATING)	CORRECTED OA [HEATING] (CFM)	EXHAUST REQUIRED (CFM)
134	CLASSROOM 5-8	670	25	17	10	0.12	0	251	0.90	279	0
137	CLASSROOM 5-8	750	25	19	10	0.12	0	280	0.90	311	0
138	CLASSROOM 5-8	720	25	18	5	0.06	0	267	0.90	297	0
139	CLASSROOM 5-8	740	25	19	10	0.12	0	279	0.90	310	0
140	CLASSROOM 5-8	1330	25	27	10	0.12	0	510	0.90	567	0
142	CLASSROOM 5-8	740	25	19	10	0.12	0	279	0.90	310	0
143	CLASSROOM 5-8	740	25	19	10	0.12	0	279	0.90	310	0
144	CLASSROOM 5-8	740	25	19	10	0.12	0	279	0.90	310	0
145	CLASSROOM 5-8	740	25	19	10	0.12	0	279	0.90	310	0
148	CLASSROOM 5-8	760	25	19	10	0.12	0	282	0.90	313	0
149	CLASSROOM 5-8	760	25	19	10	0.12	0	282	0.90	313	0
150	CLASSROOM 5-8	765	25	20	10	0.12	0	292	0.90	324	0
151	CLASSROOM 5-8	755	25	19	10	0.12	0	281	0.90	312	0
152	CLASSROOM 5-8	755	25	19	10	0.12	0	281	0.90	312	0
160	CLASSROOM 5-8	770	25	20	10	0.12	0	293	0.90	326	0
161	CLASSROOM 5-8	770	25	20	10	0.12	0	293	0.90	326	0
162	CLASSROOM 5-8	765	25	20	10	0.12	0	292	0.90	324	0



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CONSULTANTS:

MARK	DATE	DESCRIPTION
	10-12-23	FINAL BID DOCUMENT



DESIGNED BY: CAK	DRAWN BY: CAK	CHECKED BY: BMC	REVIEWED BY: AEH
PROJECT NO: WPSD 2204		DATE: OCTOBER 2023	SCALE: SEE PLANS

**White Plains City School District**

**AC and Ventilation Upgrades at Ridgeway Elementary School**

225 Ridgeway  
White Plains, NY 10605

**SED PROJECT CONTROL  
NO. 66-22-00-01-0-014-017**

CONTRACT  
**CONTRACT H  
HEATING VENTILATION AND AIR  
CONDITIONING**

STATUS  
**FINAL BID DOCUMENT**

SHEET TITLE  
**MECHANICAL SCHEDULES  
SHEET 2**

DRAWING NO.  
**M601.00**

X:\WPSD\White Plains Central School District - 109811WPSD 2204 - AC & Ventilation at Ridgeway Elem School\WPSD 2204 Mechanical SCHEDULES SHEET 2.dwg Last Modified: Oct 17, 2023 - 10:57am Plotter: Sep 28, 2023 - 3:04pm By: jstuart