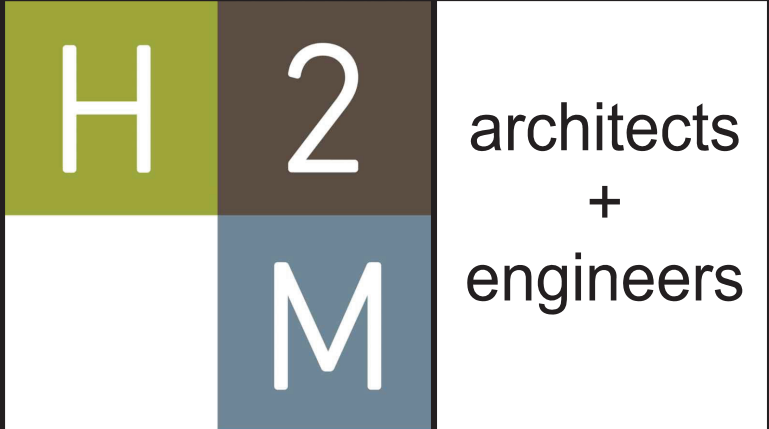


X:\WPSD\White Plains Central School District - 1000\WPSD 2205 - AC & Ventilation at Mamaroneck Elem School\02-BIM\CADD\Construction\M600.00 Schedules.dwg Last Modified: Sep 20, 2023 - 2:05pm Printed on: Sep 22, 2023 - 12:56pm By: mlmiano

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 (CFM)	EXHAUST REQUIRED (CFM)
010	CLASSROOM 9+	647	35	23	10	0.12	0	308	0.90	340	0
013	CLASSROOM 9+	1024	35	35	10	0.12	0	470	0.90	522	0
012	CLASSROOM 9+	733	35	27	10	0.12	0	359	0.90	399	0
014	CLASSROOM 9+	862	35	31	10	0.12	0	415	0.80	461	0
015A	CLASSROOM 9+	347	35	13	10	0.12	0	172	0.80	215	0
015B	CLASSROOM 9+	404	35	14	10	0.12	0	188	0.90	209	0
017	CLASSROOM 9+	755	35	27	10	0.12	0	361	0.90	401	0
019	CLASSROOM 9+	804	35	30	10	0.12	0	376	0.90	441	0
021	CLASSROOM 9+	374	35	14	10	0.12	0	185	0.90	206	0
034	CLASSROOM (5-8)	697	25	18	10	0.12	0	264	0.80	330	0
032	CLASSROOM (5-8)	359	25	9	10	0.12	0	133	0.80	166	0
030	CLASSROOM (5-8)	350	25	18	10	0.12	0	266	0.80	33	0
029	CLASSROOM (5-8)	828	25	21	10	0.12	0	310	0.80	387	0
028	CLASSROOM 9+	819	35	30	10	0.12	0	374	0.80	498	0
031	CLASSROOM (5-8)	759	25	19	10	0.12	0	281	0.80	352	0
033	CLASSROOM (5-8)	709	25	18	10	0.12	0	265	0.80	332	0
027	MUSIC ROOM	936	35	32	10	0.06	0	375	0.80	468	0
026	MUSIC ROOM	936	35	32	10	0.06	0	375	0.80	468	0
100	CLASSROOM 9+	470	35	16	10	0.06	0	187	0.90	208	0
101	ART CLASSROOM	1003	20	20	10	0.18	0.70	377	0.90	419	702.00
102	ART CLASSROOM	964	20	20	10	0.18	0.70	374	0.90	415	675.00
105	CLASSROOM (5-8)	776	25	21	10	0.18	0	307	0.80	384	0.00
104	CLASSROOM (5-8)	848	25	22	10	0.12	0	323	0.80	404	0.00
106	CLASSROOM (5-8)	916	25	22	10	0.12	0	324	0.80	405	0.00
118	CLASSROOM 9+	600	35	22	10	0.12	0	293	0.80	366	0.00
120	CLASSROOM (5-8)	722	25	19	10	0.12	0	279	0.80	349	0.00
122	CLASSROOM (5-8)	695	25	18	10	0.12	0	264	0.80	330	0.00
119	CLASSROOM (5-8)	673	25	17	10	0.12	0	250	0.80	313	0.00
121	CLASSROOM (5-8)	759	25	19	10	0.12	0	280	0.80	350	0.00
123	CLASSROOM (5-8)	709	25	18	10	0.12	0	264	0.80	330	0.00
117	CLASSROOM (5-8)	899	25	23	10	0.12	0	339	0.80	424	0.00
116	CLASSROOM (5-8)	899	25	23	10	0.12	0	339	0.80	424	0.00
202	CLASSROOM 9+	742	35	26	10	0.12	0	349	0.80	436	0.00
204	CLASSROOM 9+	692	35	25	10	0.12	0	334	0.80	418	0.00
205	CLASSROOM 9+	780	35	30	10	0.12	0	373	0.80	492	0.00
206	CLASSROOM 9+	627	35	22	10	0.12	0	295	0.80	369	0.00
207	CLASSROOM 9+	678	35	24	10	0.12	0	321	0.80	401	0.00
209	CLASSROOM 9+	233	35	9	10	0.12	0	118	0.80	147	0.00
211	CLASSROOM 9+	378	35	14	10	0.12	0	185	0.80	231	0.00
214	CLASSROOM (5-8)	694	25	18	10	0.12	0	264	0.80	231	0.00
216	CLASSROOM (5-8)	722	25	19	10	0.12	0	279	0.80	349	0.00
215	CLASSROOM (5-8)	674	25	17	10	0.12	0	249	0.80	312	0.00

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)
218	CLASSROOM (5-8)	699	25	18	10	0.12	0	264	0.80	312	0
217	CLASSROOM (5-8)	759	25	19	10	0.12	0	279	0.80	349	0
219	CLASSROOM (5-8)	709	25	18	10	0.12	0	264	0.80	330	0



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CONSULTANTS:

MARK	DATE	DESCRIPTION
	10-16-23	FINAL BID DOCUMENT

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL.

DESIGNED BY: JML	DRAWN BY: BFB/DKR	CHECKED BY:	REVIEWED BY: QAQC
PROJECT NO.: WPSD 2205		DATE: OCTOBER 2023	SCALE:

CLIENT

White Plains City School District

AC and Ventilation Upgrades at Mamaroneck Elementary School

7 Nosband Ave.
White Plains, NY 10605

SED PROJECT CONTROL
NO. 66-22-00-01-0-010-017

CONTRACT

CONTRACT H
HEATING VENTILATION AND AIR CONDITIONING

STATUS

FINAL BID DOCUMENT

SHEET TITLE

MECHANICAL SCHEDULES
[1 OF 4]

DRAWING No.

M600.00