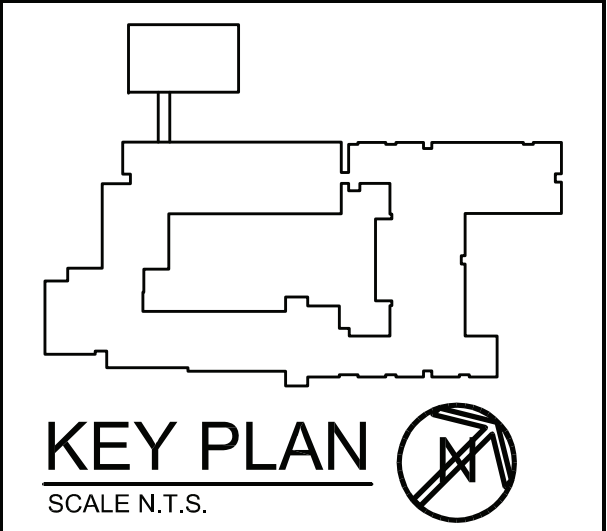


SCHEDULE OF MINIMUM VENTILATION ROOM FLOW RATES cont'd											
DINING 110G	CAFETERIA/FAST-FOOD DINING	3710	100	7.5	0.18	0	371	3450	0.8	4313	0
CLOSET	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	20	2	5	0.06	0	1	6	0.8	8	0
STORAGE 108	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	55	2	5	0.06	0	1	8	0.8	10	0
STORAGE 109	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	100	2	5	0.06	0	1	11	0.8	14	0
KITCHEN 107	KITCHEN (COOKING)	630	20	7.5	0.12	0.7	13	173	0.8	216	441
STORAGE 105	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	160	2	5	0.06	0	1	15	0.8	18	0
STORAGE 106	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	75	2	5	0.06	0	1	10	0.8	12	0
GYM	GYM, SPORTS ARENA (PLAY AREA)	2920	7	20	0.18	0.5	21	946	0.8	1182	1460
STAGE	MUSIC/THEATRE/DANCE	780	35	10	0.06	0	28	327	0.8	409	0
PASSAGE 2	CORRIDORS	830	0	0	0.06	0	0	50	0.8	62	0
TOILET	TOILETS - PUBLIC	60	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
BOY'S LOCKER	ALL OTHER LOCKER ROOMS	145	0	0	0	0.25	0	0	0.8	0	36
GIRL'S LOCKER	ALL OTHER LOCKER ROOMS	225	0	0	0	0.25	0	0	0.8	0	56
CORRIDOR	CORRIDORS	2320	0	0	0.06	0	0	139	0.8	174	0
CLASSROOM	CLASSROOM (AGES 9+)	1095	35	10	0.12	0	39	521	0.8	652	0
CLOSET	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	40	2	5	0.06	0	1	7	0.8	9	0
TOILET	TOILETS - PUBLIC	27	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
CLASSROOM	CLASSROOM (AGES 9+)	915	35	10	0.12	0	33	440	0.8	550	0
CLOSET	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	36	2	5	0.06	0	1	7	0.8	9	0
TOILET	TOILETS - PUBLIC	46	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
CLOAK ROOM	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	240	2	5	0.06	0	1	19	0.8	24	0
CLASSROOM	CLASSROOM (AGES 9+)	915	35	10	0.12	0	33	440	0.8	550	0
CLOSET	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	36	2	5	0.06	0	1	7	0.8	9	0
TOILET	TOILETS - PUBLIC	46	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
CLASSROOM	CLASSROOM (AGES 9+)	915	35	10	0.12	0	33	440	0.8	550	0
CLOSET	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	36	2	5	0.06	0	1	7	0.8	9	0
TOILET	TOILETS - PUBLIC	46	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
CLASSROOM	CLASSROOM (AGES 9+)	915	35	10	0.12	0	33	440	0.8	550	0
CLOSET	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	36	2	5	0.06	0	1	7	0.8	9	0
TOILET	TOILETS - PUBLIC	46	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
CLASSROOM	CLASSROOM (AGES 9+)	915	35	10	0.12	0	33	440	0.8	550	0
CLOSET	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	36	2	5	0.06	0	1	7	0.8	9	0
TOILET	TOILETS - PUBLIC	46	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
CLOAK ROOM	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	240	2	5	0.06	0	1	19	0.8	24	0
CLASSROOM	CLASSROOM (AGES 9+)	1345	35	10	0.12	0	48	641	0.8	802	0
STORAGE	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	50	2	5	0.06	0	1	8	0.8	10	0
TOILET	TOILETS - PUBLIC	80	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
CLASSROOM	CLASSROOM (AGES 9+)	1436	35	10	0.12	0	51	682	0.8	853	0
TOILET	TOILETS - PUBLIC	80	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
CLOSET	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	30	2	5	0.06	0	1	7	0.8	9	0
CLOSET	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	16	2	5	0.06	0	1	6	0.8	7	0
OFFICE	OFFICE SPACE	215	5	5	0.06	0	2	23	0.8	29	0
OFFICE	OFFICE SPACE	145	5	5	0.06	0	1	14	0.8	17	0
TOILET	TOILETS - PUBLIC	25	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
CONFERENCE ROOM	CONFERENCE/MEETING ROOMS FOR DRY MATERIALS	52	50	5	0.06	0	3	18	0.8	23	0
STORAGE	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	132	2	5	0.06	0	1	13	0.8	16	0
TEACHER'S ROOM	BREAK ROOMS	195	50	5	0.12	0	10	73	0.8	92	0
REST ROOM	BREAK ROOMS	52	50	5	0.12	0	3	21	0.8	27	0
TOILET	TOILETS - PUBLIC	26	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
TOILET	TOILETS - PUBLIC	22	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
NURSE'S OFFICE	OFFICE SPACE	145	5	5	0.06	0	1	14	0.8	17	0
WAITING ROOM	BREAK ROOMS	56	50	5	0.12	0	3	22	0.8	27	0
TOILET	TOILETS - PUBLIC	25	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
REST ROOM	BREAK ROOMS	110	50	5	0.12	0	6	43	0.8	54	0

SCHEDULE OF MINIMUM VENTILATION ROOM FLOW RATES											
		A	B	C	D	E	F	G	H	I	
ROOM NAME/NUMBER	OCCUPANCY CATEGORY	ROOM AREA (SQ.FT.)	PEOPLE DENSITY (RP/1000 SQ.FT.)	PEOPLE OUTDOOR AIR FLOW RATE (CFM/PERSON)	AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE (CFM/SQ.FT.)	EXHAUST AIR FLOW RATE (CFM/SQ.FT.)	NUMBER OF PEOPLE (A+B)+1000=BP	OUTDOOR AIR FLOW RATE WITHOUT ZONE EFFECTIVENESS FACTOR (F+C)+(A+D)=CFM	ZONE AIR DISTRIBUTION EFFECTIVENESS FACTOR	MINIMUM ROOM VENTILATION AIR FLOW RATE G+H=CFM	MINIMUM EXHAUST AIR FLOW RATE A+E=CFM
CLASSROOM 151	CLASSROOM (AGES 9+)	930	35	10	0.12	0	33	442	0.8	552	0
CLASSROOM 152	CLASSROOM (AGES 9+)	830	35	10	0.12	0	30	400	0.8	500	0
CLASSROOM 156	CLASSROOM (AGES 9+)	830	35	10	0.12	0	30	400	0.8	500	0
CLASSROOM 146	CLASSROOM (AGES 9+)	930	35	10	0.12	0	33	442	0.8	552	0
CLASSROOM 161	CLASSROOM (AGES 9+)	830	35	10	0.12	0	30	400	0.8	500	0
CLASSROOM 157	CLASSROOM (AGES 9+)	830	35	10	0.12	0	30	400	0.8	500	0
CORRIDOR 7	CORRIDORS	990	0	0	0.06	0	0	59	0.8	74	0
SUPPLY CLOSET 154	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	35	2	5	0.06	0	1	7	0.8	9	0
SUPPLY CLOSET 155	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	35	2	5	0.06	0	1	7	0.8	9	0
CLOAK ROOM 153	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	135	2	5	0.06	0	1	13	0.8	16	0
SUPPLY CLOSET 159	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	35	2	5	0.06	0	1	7	0.8	9	0
SUPPLY CLOSET 160	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	35	2	5	0.06	0	1	7	0.8	9	0
CLOAK ROOM 158	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	135	2	5	0.06	0	1	13	0.8	16	0
CORRIDOR 8	CORRIDORS	590	0	0	0.06	0	0	35	0.8	44	0
CLASSROOM 114	CLASSROOM (AGES 9+)	890	35	10	0.12	0	32	427	0.8	534	0
CLASSROOM 119	CLASSROOM (AGES 9+)	890	35	10	0.12	0	32	427	0.8	534	0
CLASSROOM 120	CLASSROOM (AGES 9+)	890	35	10	0.12	0	32	427	0.8	534	0
CLASSROOM 125	CLASSROOM (AGES 9+)	890	35	10	0.12	0	32	427	0.8	534	0
CLASSROOM 126	CLASSROOM (AGES 9+)	890	35	10	0.12	0	32	427	0.8	534	0
CLASSROOM 130	CLASSROOM (AGES 9+)	890	35	10	0.12	0	32	427	0.8	534	0
CLASSROOM 140	CLASSROOM (AGES 9+)	890	35	10	0.12	0	32	427	0.8	534	0
CLASSROOM 136	CLASSROOM (AGES 9+)	890	35	10	0.12	0	32	427	0.8	534	0
CLASSROOM 135	CLASSROOM (AGES 9+)	890	35	10	0.12	0	32	427	0.8	534	0
CLASSROOM 131	CLASSROOM (AGES 9+)	890	35	10	0.12	0	32	427	0.8	534	0
CLOAK RM 115	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	85	2	5	0.06	0	1	10	0.8	13	0
SUPPLY CLOSET 116	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	40	2	5	0.06	0	1	7	0.8	9	0
SUPPLY CLOSET 117	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	40	2	5	0.06	0	1	7	0.8	9	0
CLOAK RM 118	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	85	2	5	0.06	0	1	10	0.8	13	0
CLOAK RM 121	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	155	2	5	0.06	0	1	14	0.8	18	0
SUPPLY CLOSET 123	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	40	2	5	0.06	0	1	7	0.8	9	0
SUPPLY CLOSET 124	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	40	2	5	0.06	0	1	7	0.8	9	0
CLOAK RM 127	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	155	2	5	0.06	0	1	14	0.8	18	0
SUPPLY CLOSET 128	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	40	2	5	0.06	0	1	7	0.8	9	0
SUPPLY CLOSET 129	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	40	2	5	0.06	0	1	7	0.8	9	0
SUPPLY CLOSET 139	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	40	2	5	0.06	0	1	7	0.8	9	0
SUPPLY CLOSET 138	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	40	2	5	0.06	0	1	7	0.8	9	0
CLOAK RM 137	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	155	2	5	0.06	0	1	14	0.8	18	0
SUPPLY CLOSET 134	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	40	2	5	0.06	0	1	7	0.8	9	0
SUPPLY CLOSET 133	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	40	2	5	0.06	0	1	7	0.8	9	0
CLOAK RM 132	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	155	2	5	0.06	0	1	14	0.8	18	0
STORAGE 144	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	80	2	5	0.06	0	1	10	0.8	12	0
145	TOILETS - PUBLIC	130	3 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	150
145	TOILETS - PUBLIC	130	3 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	150
JANITOR CLOSET 142	JANITOR CLOSETS, TRASH ROOMS, RECYCLING	70	0	0	0	1	0	0	0.8	0	70
BOYS' TOILET 143	TOILETS - PUBLIC	230	5 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	250
GIRLS' TOILET 141	TOILETS - PUBLIC	230	5 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	250
CORRIDOR 3	CORRIDORS	850	0	0	0.06	0	0	51	0.8	64	0
CORRIDOR 4	CORRIDORS	1675	0	0	0.06	0	0	101	0.8	126	0



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BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
30 MARBLE AVE. PLAINVILLE, NY 12160
914.326.6600 GENENAL@BGA-ENG.COM WWW.BGA-ENG.COM

48 KHELLWOOD ROAD ELMSFORD NEW YORK 11003
TEL 914.898-4444 FAX 914.898-1917
www.bga-ny.com
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YPS JOB # 10878

PROJECT: YONKERS SCHOOL DISTRICT
PS-29 BOILER REPLACEMENT HVAC UPGRADES &
ASBESTOS ABATEMENT
47 CROFTON ROAD, YONKERS, N.Y. 10710
DRAWING TITLE
SCHEDULES

10-21-2022	BID
11-06-2020	100% C.D. SUBMISSION
06-01-2020	100% D.D. SUBMISSION
05-01-2020	50% D.D. SUBMISSION
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. H302
SCALE AS NOTED	
DRAWN BY BGA	FILE NO. 19359.00