

EQMT. #	LOCATION	TYPE	Basis of Design Information						MANUF.	MODEL #	NOMINAL DIMENSIONS L x W x H (IN.)	NOMINAL OPERATING WEIGHT (LBS.)	ELECTRICAL DATA			MECHANICAL NOTES	ELECTRICAL NOTES
			REFRIGERANT	COOLING PERFORMANCE			HEATING PERFORMANCE						VOLTS / PHASE / HZ	MCA	MOCP		
				TOTAL CAPACITY (MBH)	EER	IEER [SEER]	TOTAL CAPACITY (MBH)	COP @ 17°F									
CU-UV-1	SEE PLAN	HEAT RECOVERY	R-410A	312	9.5	20.60	342	2.4	DAIKIN	RXYQ336XATJA	48-7/8 x 30-3/16 x 66-11/16 (1) 48-7/8 x 30-3/16 x 66-11/16 (2)	695 (1) 695 (2)	208/3/60 (1) 208/3/60 (2)	55.1 (1) 55.1 (2)	60 (1) 60 (2)	1,2,4-6	3,7,14
CU-UV-2	SEE PLAN	HEAT RECOVERY	R-410A	114	12.00	25.40	129	2.3	DAIKIN	RXYQ120XATJA	48-7/8x30-3/16x66-11/16	528	208/3/60	36.3	45	1,2,4-6	3,7,14
CU-3	SEE PLAN	HEAT RECOVERY	R-410A	184	13.00	22.60	206	2.5	DAIKIN	REYQ192XATJB	48-7/8 x 30-3/16 x 66-11/16 (1) 48-7/8 x 30-3/16 x 66-11/16 (2)	525 (1) 525 (2)	208/3/60	38.1 (1) 38.1 (2)	45 (1) 45 (2)	1,2,4-6	3,7,14
CU-4	SEE PLAN	HEAT RECOVERY	R-410A	156	10.80	22.30	174	2.1	DAIKIN	REYQ168XATJB	48-7/8 x 30-3/16 x 66-11/16	695	208/3/60	61.9	70	1,2,4-6	3,7,14
CU-5	SEE PLAN	HEAT RECOVERY	R-410A	228	11.60	22.20	256	2.3	DAIKIN	REYQ240XATJB	48-7/8 x 30-3/16 x 66-11/16 (1) 48-7/8 x 30-3/16 x 66-11/16 (2)	528 (1) 528 (2)	208/3/60	43 (1) 43 (2)	50 (1) 50 (2)	1,2,4-6	3,7,14
CU-6	SEE PLAN	HEAT RECOVERY	R-410A	252	11.20	21.60	282	2.2	DAIKIN	REYQ264XATJB	48-7/8 x 30-3/16 x 66-11/16 (1) 48-7/8 x 30-3/16 x 66-11/16 (2)	660.5 (1) 660.5 (2)	208/3/60	43 (1) 58.3 (2)	50 (1) 70 (2)	1,2,4-6	3,7,14

ELECTRICAL NOTES:

1. INTEGRAL DISCONNECT SWITCH [FIELD WIRED]
2. INTEGRAL DISCONNECT SWITCH [FACTORY WIRED]
3. INTEGRAL UNPOWERED RECEPTACLES [FIELD WIRED]
4. INTEGRAL POWERED RECEPTACLES [FACTORY WIRED]
5. INTEGRAL CONDENSATE PUMP [UNPOWERED]
6. INTEGRAL CONDENSATE PUMP [POWERED]
7. LOW VOLTAGE CONTROLS

ZONE ID	POSITIVE WIND PRESSURE (PSF)	NEGATIVE WIND PRESSURE (PSF)
ROOF (INT. ZONE)	13.0	-57.0
ROOF (END ZONE)	13.0	-67.3
ROOF (CORNER ZONE)	13.0	-91.8
WALLS (INT. ZONE)	32.0	-34.7
WALLS (END ZONE)	32.0	-42.9

FAN NO.	SYSTEM SERVED	PERFORMANCE/CONSTRUCTION REQUIREMENTS				BASIS OF DESIGN INFORMATION						REMARKS	MECHANICAL NOTES	ELECTRICAL NOTES
		CFM	EXT S. P. (IN. W.C.)	FAN/MOTOR RPM	BHP	MNF	MODEL NO.	NOMINAL DIMENSION (DIA" x H") (L" x W" x H")	WEIGHT (LBS.)	ELECTRICAL DATA				
										VOLTS /PHASE	MOTOR HP			
TX-1	BOYS TOILET FLOORS G-2	1000	0.6	1537	0	GREENHECK	G-100-VG	24.40" x 25.45"	41	115/1	$\frac{1}{4}$	-	1	1,7,11,12
TX-2	GIRLS TOILET FLOORS G-2	825	0.6	1520	0	GREENHECK	G-099-VG	24.40" x 25.45	41	115/1	$\frac{1}{4}$	-	1	1,7,11,12
TX-3	GROUND FLOOR BOYS AND GIRLS	600	0.6	1586	0	GREENHECK	G-098-VG	24.40" x 25.45	41	115/1	$\frac{1}{4}$	-	1	1,7,11,12
TX-4	1ST FLOOR BOYS AND GIRLS	520	0.6	1467	0	GREENHECK	G-098-VG	24.40" x 25.45	41	115/1	$\frac{1}{4}$	-	1	1,7,11,12
NOTES: 1. MANUFACTURER PROVIDED DISCONNECT SWITCH				ELECTRICAL NOTES: 1. INTEGRAL DISCONNECT SWITCH [FIELD WIRED] 2. INTEGRAL DISCONNECT SWITCH [FACTORY WIRED] 3. INTEGRAL UNPOWERED RECEPTACLES [FIELD WIRED] 4. INTEGRAL POWERED RECEPTACLES [FACTORY WIRED] 5. INTEGRAL CONDENSATE PUMP [UNPOWERED] 6. INTEGRAL CONDENSATE PUMP [POWERED] 7. LOW VOLTAGE CONTROLS				8. LINE VOLTAGE CONTROLS 9. INTEGRAL STARTERS 10. MOTORIZED DAMPERS [24VAC] 11. MOTORIZED DAMPERS [120VAC] 12. SINGLE POINT POWER FEED 13. INDOOR UNIT POWERED FROM OUTDOOR UNIT 14. ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH 15. ON SAME POWER FEED AS ASSOCIATED INDOOR UNIT						

EQMT NO.	LOCATION	CNSDR. PAIRING	# OF INDOOR UNIT PORTS	BASIS OF DESIGN INFORMATION							MECHANICAL NOTES	ELECTRICAL NOTES
				MNF	MODEL NO.	NOMINAL DIMENSIONS L" x W" x H"	NOMINAL OPERATING WEIGHT (LBS.)	ELECTRICAL DATA				
								VOLTS/ PHASE	MCA	MOCP		
BC-1	SEE PLAN	CU UV-1	6	DAIKIN	BS6Q54TVJ	22-13/16 x 18-15/16 x 11-3/4	68	208/1			1.2	7.12,14
BC-2	SEE PLAN	CU UV-2	4	DAIKIN	BS4Q54TVJ	14-9/16 x 18-15/16 x 11-3/4	49	208/1			1.2	7.12,14
BC-3	SEE PLAN	CU-5	4	DAIKIN	BS4Q54TVJ	14-9/16 x 18-15/16 x 11-3/4	49	208/1			1.2	7.12,14
BC-4	SEE PLAN	CU-6	6	DAIKIN	BS6Q54TVJ	22-13/16 x 18-15/16 x 11-3/4	68	208/1			1.2	7.12,14
BC-5	SEE PLAN	CU UV-1	4	DAIKIN	BS4Q54TVJ	14-9/16 x 18-15/16 x 11-3/4	49	208/1			1.2	7.12,14
BC-6	SEE PLAN	CU-5	6	DAIKIN	BS6Q54TVJ	22-13/16 x 18-15/16 x 11-3/4	68	208/1			1.2	7.12,14
BC-7	SEE PLAN	CU-6	6	DAIKIN	BS6Q54TVJ	22-13/16 x 18-15/16 x 11-3/4	68	208/1			1.2	7.12,14
BC-8	SEE PLAN	CU-3	8	DAIKIN	BS8Q54TVJ	22-13/16 x 18-15/16 x 11-3/4	73	208/1			1.2	7.12,14
BC-9	SEE PLAN	CU-4	6	DAIKIN	BS6Q54TVJ	22-13/16 x 18-15/16 x 11-3/4	68	208/1			1.2	7.12,14

ELECTRICAL NOTES:

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4. INTEGRAL POWERED RECEPTACLES [FACTORY WIRED]
5. INTEGRAL CONDENSATE PUMP [UNPOWERED]
6. INTEGRAL CONDENSATE PUMP [POWERED]
7. LOW VOLTAGE CONTROLS

8. LINE VOLTAGE CONTROLS
9. INTEGRAL STARTERS
10. MOTORIZED DAMPERS [24VAC]
11. MOTORIZED DAMPERS [120VAC]
12. SINGLE POINT POWER FEED
13. INDOOR UNIT POWERED FROM OUTDOOR UNIT
14. ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH
15. ON SAME POWER FEED AS ASSOCIATED INDOOR UNIT

EQUIPMENT NO.	LOCATIONS	QUANTITY	PERFORMANCE/CONSTRUCTION REQUIREMENTS										NOTES		
			SUPPLY FAN		HEAT RECOVERY				MNF	MODEL NO.	NOMINAL DIMENSIONS L" x W" x H"	NOMINAL OPERATING WEIGHT (LBS.)		ELECTRICAL DATA	
			OUTSIDE AIR (CFM)	S.P. (IN W.G.)	SENSIBLE RECOVERY EFFICIENCY(%)	ENT. DB (°F)	LVG DB (°F)	VOLTS/PHASE						MCA	
ERV-1	SEE PLAN	1	520	-	-	-	-	NOVA	A16	60x40x16	43	208 / 3	5.91	1,4	
NOTES: 1. PROVIDE MERV 6 FILTERS 2. PROVIDE MERV 8 FILTERS 3. PROVIDE 24 V MOTORIZED DAMPER 4. PROVIDE BACKDRAFT DAMPER															

EQMT. NO.	SYSTEM SERVED	PERFORMANCE/CONSTRUCTION REQUIREMENTS			BASIS OF DESIGN INFORMATION						MECHANICAL NOTES	ELECTRICAL NOTES	
		FLUID	MAX FLOW RATE (GPH)	MAX HEAD (FT.)	HP	MNF	MODEL NO.	DIMS. L x W x H	WEIGHT (LBS.)	VOLTS/ PHASE			POWER DRAW (W)
CDD-A	SEE PLANS	WATER	48	10	1/30	LITTLE GIANT	VCCA-20-P	11 X 5 X 7	6.3	208V/1	75-93	1-3	7.12,14,15
NOTES:		ELECTRICAL NOTES:							8.	LINE VOLTAGE CONTROLS			
1. UL RATED		1. INTEGRAL DISCONNECT SWITCH [FIELD WIRED]							9.	INTEGRAL STARTERS			
2. OVERFLOW DETECTION SWITCH		2. INTEGRAL DISCONNECT SWITCH [FACTORY WIRED]							10.	MOTORIZED DAMPERS [24VAC]			
3. 1/2 GALLON COLLECTION TANK		3. INTEGRAL UNPOWERED RECEPTACLES [FIELD WIRED]							11.	MOTORIZED DAMPERS [120VAC]			
		4. INTEGRAL POWERED RECEPTACLES [FACTORY WIRED]							12.	SINGLE POINT POWER FEED			
		5. INTEGRAL CONDENSATE PUMP [UNPOWERED]							13.	INDOOR UNIT POWERED FROM OUTDOOR UNIT			
		6. INTEGRAL CONDENSATE PUMP [POWERED]							14.	ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH			
		7. LOW VOLTAGE CONTROLS							15.	ON SAME POWER FEED AS ASSOCIATED INDOOR UNIT			

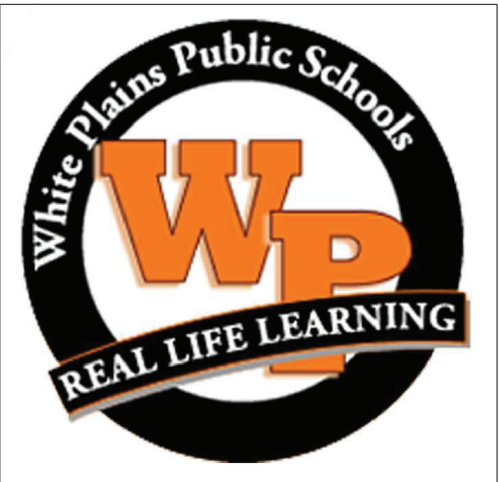
PAIRED EQMT.	SERVICE	QTY.	PERFORMANCE/CONSTRUCTION REQUIREMENTS										REMARKS	
			VALVE FAMILY	CONFIGURATION	FAIL POSITION	VALVE SIZE	MEDIUM	"VALVE COEFFICIENT (CV)"	"VALVE CLOSE OFF (PSI)"	TRIM MATERIAL	CONNECTION	CODE NUMBER		ACTUATOR CONTROL
CV-1	HTG-O	SEE PLANS	BALL VALVE	2-WAY	LAST POSITION	VARIES	WATER	4.6"	200"	BRASS	THREADED	VA9310-HGC-2	0-10VDC PROP;24VAC INC;24VAC ON/OFF;4-20MA PROP	

CONSULTANTS:

[illegible]

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

AC and Ventilation Upgrades at Mamaroneck Elementary School



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

CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING

STATUS	FINAL BID DOCUMENT
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SHEET TITLE

MECHANICAL SCHEDULE
[4 OF 4]

DRAWING No. **M603.00**