

AIR PURIFIER SCHEDULE								
DESIGNATION	MAKE	MODEL	POWER SUPPLY			QTY	H.P.	LISTINGS
			VOLTAGE	PHASE	AMPS			
AP-1	MAGNEGRIP	AIRHAWK 3000 XL	230	1	9	6	1.0	UL507/ETL
AP-2	MAGNEGRIP	AIRHAWK 3000 XL	230	1	9	6	1.0	UL507/ETL

PROVIDE: ALL CONTROLS AND ALL CONTROL WIRING BY MECHANICAL CONTRACTOR.

BOILER SCHEDULE																
APPROVALS: AHRI, ASME, CSA																
UNIT NO.	SERVICE	GAS			COMB. EFF. %	MAX GPM	FLUE OUTLET SIZE (IN)	FUEL	TYPE	MAX WORK. PRESS.	DESIGN PRESS. PSIG	WEIGHT OPER. (LBS)	WATER TEMP °F		MANUF.	MODEL NO.
		INPUT MBH	OUTPUT MBH	MIN. OPER GAS PRESS (W.C.)									ENT.	LVG.		
B-1	HEATING	399	333	-	96.5	-	4"	NAT. GAS	HOT WATER	-	-	260	155	180	WEIL McLAIN	EVG-399
B-2	HEATING	299	243	-	95.0	-	4"	NAT. GAS	HOT WATER	-	-	260	155	180	WEIL McLAIN	EVG-299

BOILER TO INCLUDE THE FOLLOWING: MANIFOLDS, O/A RESET, TEMP/PRESSURE GAUGES, MULTI PURPOSE & ISOLATION VALVES, LOW WATER CUT OFF, ANTI-SIPHON, HI/DT AND LOW LIMIT CONTROLS, AQUA STAT, CSD-1 SAFETY, 8" DURAVENT AL29-4C FASNEAL VENTING, CIRCULATOR, NEUTRALIZATION KIT, VORTECH AIR/HIT SEPARATOR, ROOF VENT TERMINATION KIT, 6" CONCRETE EQUIPMENT PAD

PTAC UNIT SCHEDULE															
DESIGNATION	REFRIG CHARGE	SUPPLY FAN				COOLING CAPACITY (BTU/H)		HEATING CAPACITY (HOT WATER BTU/H)	POWER SUPPLY				WEIGHT LBS.	MODEL NO. MCQUAY	LOCATION
		CFM	HP	ESP	EER	SENS.	TOTAL		VOLTAGE	PHASE	MCA	MAX FUSE			
PTAC-1	R-410A	290	-	-	9.4	5,500	7,300	15,500	208	1	4.9	15	-	PKEI1007CZ62N24AR14AI	MEZZ M7.1
PTAC-2	R-410A	290	-	-	9.4	5,500	7,300	15,500	208	1	4.9	15	-	PKEI1007CZ62N24AR14AI	MEZZ M7.2
PTAC-3	R-410A	290	-	-	9.4	5,500	7,300	15,500	208	1	4.9	15	-	PKEI1007CZ62N24AR14AI	MEZZ M7.3
PTAC-4	R-410A	290	-	-	9.4	5,500	7,300	15,500	208	1	4.9	15	-	PKEI1007CZ62N24AR14AI	MEZZ M7.4
PTAC-5	R-410A	290	-	-	9.4	5,500	7,300	15,500	208	1	4.9	15	-	PKEI1007CZ62N24AR14AI	MEZZ M7.5

PROVIDE: WALL SLEEVE, OUTDOOR AIR VENT, BUILT-IN THERMOSTAT, DRAIN KIT,

HOT WATER COIL SCHEDULE						
DESIGNATION	RATED CAPACITY (MBH)	REQUIRED CAPACITY (MBH)	GPM	MAKE	MODEL	AHU/FC
HWC-1	46.6	33.0	4.8	GREENHECK	HW58S01A11-18x14-RH	AHU-1
HWC-2	14.6	11.0	1.5	GREENHECK	HW58S01A09-12x12-LH	FC-1
HWC-3	14.6	11.0	1.5	GREENHECK	HW58S01A09-12x12-LH	FC-2
HWC-4	14.6	11.0	1.5	GREENHECK	HW58S01A09-12x12-LH	FC-3

NOTES: SEE SUBMITTAL DATA FOR ADDITIONAL INFORMATION

PUMP SCHEDULE											
APPROVALS: UL											
DESIGNATION	MANUF.	MODEL#	HEAD	GPM	HP	ELECTRICAL REQ.			CONNECTION		REMARKS
						Volts	Ph	AMP	Inlet	Outlet	
P-1	TACO	VR15	16.4	19.4	0.68	208	1	5.6	2"	2"	-
P-2	TACO	VR15	8.1	3.1	0.68	208	1	5.6	0.75'	0.75'	-
P-3	TACO	VR15	18.8	22.4	0.68	208	1	5.6	2"	2"	-
P-4	TACO	VR15	17.2	5.3	0.68	208	1	5.6	1'	1'	-
P-5	TACO	VR15	5.4	3.1	0.68	208	1	5.6	0.75'	0.75'	-
P-6	TACO	VR15	15.9	5.6	0.68	208	1	5.6	1'	1'	-
P-7	TACO	VR15	5.7	1.2	0.68	208	1	5.6	0.5'	0.5'	-
P-8	TACO	VR15	20.1	15.3	0.68	208	1	5.6	1.25"	1.25"	-

PUMPS TO INCLUDE THE FOLLOWING: HOA DISCONNECT, PUMP CONTROLLER AND RELAYS, ISOLATION VALVES, MULTI PURPOSE VALVES, TEMPERATURE/PRESSURE GAUGES, VIBRATION ISOLATION.

EXPANSION TANK SCHEDULE									
APPROVALS: ISO 9001, ASME									
DESIGNATION	MANUF.	MODEL #	TANK VOL.	ACCEPT. VOL.	HEIGHT	DIAMETER	SYS. CONN.	SHIPPING WEIGHT	REMARKS
EXP-1	TACO	CX-84	23	10	37"	16"	1'	83	B-1
EXP-2	TACO	CX-84	23	10	37"	16"	1'	83	B-2

CABINET UNIT HEATER SCHEDULE (HOT WATER)														
MARK	MANUFACTURER TYPE & MODEL	COILS	ENTERING WATER (°F)	ENTERING AIR (°F)	MAX BTU/HR.	REQUIRED BTU/HR.	GPM	MOTOR DATA					REMARKS	LOCATION(S)
								CFM	HP	VOLTS	PHASE	RPM		
CUH-1	MODINE CW003	1	180	50	22,400	15,000	2.3	265	-	115	1	-	-	EXISTING SOUTH STAIR
CUH-2	MODINE CW003	1	180	50	22,400	18,000	2.3	265	-	115	1	-	-	EXISTING TOWER STAIR
CUH-3	MODINE CW006	1	180	50	32,800	32,800	4.7	370	-	115	1	-	LOW FAN SPEED	EXISTING LOBBY STAIR
CUH-4	MODINE CW002	1	180	50	12,400	4,000	1.3	200	-	115	1	-	-	1ST FL NEW VESTIBULE
CUH-5	MODINE CW002	1	180	50	12,400	4,000	1.3	200	-	115	1	-	-	1ST FL NEW BASEMENT STAIR

PROVIDE 3-WAY CONTROL VALVES, UNIT THERMOSTATS. RECESSED CABINET.

[illegible]

<u>Vou</u> =	2132.32
<u>Zp (MAX)</u> =	#DIV/0!
<u>Vot</u> =	2665.4
<u>Ev</u> =	0.8

Pz - PEOPLE
Rz - CFM/PERSON
Ra - AREA OUTDOOR AIRFLOW RATE IN BREATHING ZONE CFM/FT²
Az - NET OCCUPABLE ZONE FLOOR AREA
Vbz - BREATHING ZONE OUTDOOR AIRFLOW
Ez - ZONE AIR DISTRIBUTION EFFECTIVENESS
Voz - ZONE OUTDOOR AIRFLOW
Vot - SYSTEM OUTDOOR AIR INTAKE FLOW RATE
Vou - UNCORRECTED OUTDOOR AIR INTAKE
Zp - PRIMARY OUTDOOR AIR FRACTION
Ev - SYSTEM VENTILATION EFFICIENCY

TOTAL EXHAUST = 910

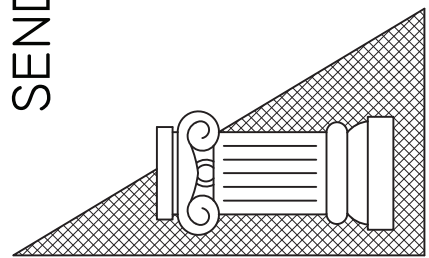
DATE: ISSUE

04-21-21
ISSUED FOR BIDDING

SEAL:

RCHITECTS PC
ECTS - PLANNERS
215 ROANOKE AVENUE
RIVERHEAD, NY 11901
(631) 727-5352

9 SELENA COURT
WALDEN, NY 12586
(845) 275-8859



HARRISON FIRE DEPT.

PROPOSED ADDITION

206 HARRISON AVE
HARRISON, NY 10528

EQUIPMENT SCHEDULES (CONTINUED)

AND VENTILATION INDEX

PROJECT #: 2020-04

DRAWN BY: SEND. ARCH.

CAD FILE: P/2020/HFC
2020-04

DRAWING#:

M-8