

SC			SELF CONTAINED AIR CONDITIONING UNIT SCHEDULE (AIR COOLED)																										BASIS OF DESIGN: AIR WISE					
UNIT NO.	LOCATION	AREA SERVED	COMPRESSOR DATA		SUPPLY FAN DATA						EVAPORATOR COIL DATA						CONDENSER DATA						FILTER DATA			ELECTRICAL DATA					MODEL No.	MEA No.	REMARKS	
			NO. OF COMP.	HP (EA.)	TOTAL CFM	MIN. O.A. CFM	OUTLET VEL. (FPM)	TOTAL S.W.P. (IN.W.G.)	MIN. EXT. S.P. (IN.W.G.)	FAN RPM	MOTOR HP	ENT. DB (°F)	ENT. WB (°F)	LVG. DB (°F)	LVG. WB (°F)	MAX. FACE VEL. (FPM)	MIN. ROWS DEEP	OUT—DOOR DESIGN DB (°F)	No. OF FAN	MAX. COND. TEMP. (°F)	TOTAL CFM	FAN RPM	EXT. S.P. (IN.W.G.)	MOTOR HP (EACH)	TYPE	IN. THICK	FACE VEL. (FPM)	VOLT/ PH	FLA	MCA				MFS
AC-R	ROOF	IR — RECOV.	1	—	2200	400	1100	4.88	2.0	3105	5	80	67	50.0	49.6	406	6	95	—	120	—	—	—	—	MERV	2	400	208-3	70.1	70.1	80	—	—	SEE NOTES
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

- NOTES:
1. PROVIDE UNIT WITH ECM SUPPLY AND RETURN FAN MOTORS, RETURN FAN TO BE 1800 CFM, 1.0 ESP, 1.9 TSP, 1.5 HP, 1770 RPM
 2. UNITS TO HAVE BACNET COMPATIBLE DDC CONTROLS, MIXED AIR AND SUPPLY AIR THERMOSTATS DISCHARGE AIR SP SENSOR FOR THE SUPPLY AIR FAN CONTROL, AND AIR FLOW SWITCH.
 3. UNIT INLET AND DISCHARGE ARRANGEMENTS ARE TO BE COORDINATED AND CONFIRMED WITH APPROVED SHEETMETAL SHOP DRAWINGS.
 4. UNIT TO HAVE MERV8 PREFILTERS, MERV14 POST FILTERS.
 5. UNIT IS TO HAVE 2-INCH INSULATION AND DOUBLE WALL CONSTRUCTION. UNIT IS TO BE MOUNTED ON A SINGLE SKID AND IS TO BE WEATHERPROOF FOR ROOF MOUNTING.
 6. UNIT IS TO HAVE SINGLE POINT ELECTRICAL CONNECTION AND A 120V OUTLET FOR SERVICING.

SC			SELF CONTAINED AIR CONDITIONING UNIT (WATER COOLED)																							BASIS OF DESIGN: WATER FURNACE						
UNIT NO.	LOCATION	AREA SERVED	COMPRESSOR DATA		SUPPLY FAN DATA						EVAPORATOR COIL DATA						CONDENSER DATA				FILTER DATA			ELECTRICAL DATA				MODEL No.	EER COOLING	REMARKS		
			NO. OF COMP.	HP (EA.)	TOTAL CFM	MIN. O.A. CFM	OUTLET VEL. (FPM)	TOTAL S.P. (N.W.G.)	MIN. EXT. S.P. (N.W.G.)	FAN RPM	MOTOR HP	ENT. DB (°F)	ENT. WB (°F)	LVG. DB (°F)	MBH SENS. (MBH)	MBH TOTAL (MBH)	MIN. ROWS DEEP	GPM	TEMP °F		MAX. P.D. (FT.)	FOULING FACTOR	TYPE	IN. THICK	FACE VEL. (FPM)	VOLT/ PH	FLA				MCA	MOCP
																			ENT.	LVG.										REMARKS		
AC-1	CORR. CLG	RM 104 - 109	1	—	500	150	720	—	1.0	—	0.5	81	66	55.4	13.81	21.62	—	5.0	85	95.72	6.7	—	MERV8	2	180	208-3	17.5	20.9	30	VERSA-023	15.0	—
AC-2	CORR. CLG	RM 101 - 103	1	—	800	100	1150	—	1.0	—	0.5	77	64	58.3	16.14	22.78	—	5.5	85	95.29	7.6	—	MERV8	2	288	208-3	17.5	20.9	30	VERSA-023	15.0	—
AC-3	CORR CLG.	RM 113 - 116	1	—	1200	100	1450	—	1.0	—	0.5	76.7	64	5.4	28.25	34.99	—	8.5	85	95.16	9.4	—	MERV8	2	675	208-3	21.3	20.9	40	VERSA-036	15.0	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

- NOTES:
1. PROVIDE UNIT WITH ECM SUPPLY FAN MOTOR.
 2. UNITS TO HAVE BACNET COMPATIBLE DDC CONTROLS, MIXED AIR AND SUPPLY AIR THERMOSTATS AND AIR FLOW SWITCH.
 3. UNIT INLET AND DISCHARGE ARRANGEMENTS ARE TO BE COORDINATED AND CONFIRMED WITH APPROVED SHEETMETAL SHOP DRAWINGS.

RHC/HC/HRC/PHC			HEATING COIL SCHEDULE (HOT WATER)													MFG: GREENHECK		
COIL NO.	EQUIPMENT OR SYSTEM SERVED	AIR DATA					FLUID DATA					COIL DATA		ARRANGEMENT		REMARKS		
		CFM	FACE VELOC. (FPM)	D.B. TEMP. (°F)		P.D. (N.W.G.)	FLUID TYPE	GPM	TEMP. (°F)		P.D. (FT)	MIN. ROWS DEEP	NOMINAL SIZE (IN.) F.W. X F.L.	TOTAL NO. OF COILS	NO. OF COILS HI X WIDE			
				ENT.	LVG.				ENT.	LVG.								
HC-1	AC-R, IR RM	1060	763	55	79.7	0.10	WTR	2.9	180	160	6.8	1	12.5 X 16	1	1	—		
HC-2	AC-R, REC. #3	780	624	55	94.3	0.12	WTR	3.4	180	160	8.4	1	10 X 18	1	1	—		
HC-3	AC-R, REC. #1,2	360	648	55	88.6	0.15	WTR	1.3	180	160	0.3	1	5 X 16	1	1	—		
HC-4	AC-1	500	600	55	90.6	0.10	WTR	2.0	180	160	3.0	1	10 X 12	1	1	—		
HC-5	AC-2	800	658	55	84.6	0.14	WTR	2.6	180	160	0.2	1	12.5 X 14	1	1	—		
HC-6	AC-3	1200	864	55	88.4	0.21	WTR	4.4	180	160	4.4	2	12.5 X 16	1	1	—		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

ERV-1 SCHEDULE:

1. UNIT TO BE AN ALPHA-AIR MODEL AAH100G1ASTA6.
2. UNIT TO GE 208V-3PH, 9.3 MCA, 15 MOCP, WITH 1 COMPRESSOR, 1 SUPPLY FAN AND 1 RETURN FAN.
3. UNIT SHALL BE 350 CFM OUTSIDE AIR AT 1.0 ESP, 400 CFM RETURN AIR AT 1.0 ESP.
4. UNIT IS TO BE 1.8 MBH(3) / 26.4 MBH(7) WITH AN ISMER OF 11:1.
5. UNIT IS TO HAVE 2-INCH MERV 13 FILTERS ON THE OUTSIDE AIR, MERV 8 FILTERS ON THE RETURN AIR.
6. UNIT IS TO HAVE SINGLE POINT ELECTRICAL CONNECTION, NON-FUSED DISCONNECT AND SHALL HAVE DDC CONTROLS WITH BACNET CAPABILITY.
7. UNIT SHALL HAVE SEALED INTERNAL INSULATION.

SH			STEAM HUMIDIFIER SCHEDULE							BASIS OF DESIGN: NEPTRONIC		
UNIT NO.	LOCATION	AREA OR SYSTEM SERVED	AIR DATA				STEAM DATA		DUCT SIZE W x H (IN.)	NO. OF MANIF.	MODEL No.	REMARKS
			TOTAL CFM	MOISTURE CONTENT GR/LB DRY AIR		TOTAL LBS/HR	INLET PRESS. (PSIG)					
				ENT.	LVG.							
H-1	JAN. CL.	IR, RECOV.	2200	26	38	17	5	24X12	11	SKE4-N06M	SEE NOTES	
-	-	-	-	-	-	-	-	-	-	-	-	

- NOTES:
1. PROVIDE UNIT WITH STEAM GENERATING, MODULATING HUMIDIFIER - 208V, 3PH, 16.5 FLA.
 2. UNIT TO HAVE BACNET COMPATIBLE DDC CONTROLS, DUCT MOUNTED HIGH AND LOW LIMIT HUMIDISTAT, ROOM MOUNTED HUMIDISTAT, AND AIR FLOW SWITCH.
 3. PROVIDE UNIT WITH LO-HOSE 1-3/8 NF, SCH80, NF SHS80, AND SW APS ACCESSORIES.
 4. PROVIDE UNIT WITH MF SAM-AE2 STEAM DISPERSION MANIFOLD.
 5. UNIT TO BE INTERLOCKED WITH ROOFTOP AIR CONDITIONING UNIT AC-R.

SF - SUPPLY FAN EF - EXHAUST FAN			FAN SCHEDULE										BASIS OF DESIGN: GREENHECK		
UNIT NO.	LOCATION	AREA OR SYSTEM SERVED	FAN TYPE	CFM	TSP	FAN RPM	DRIVE	MOTOR DATA			WEIGHT (LBS)	MODEL NO.	REMARKS		
								BHP	HP	V/PH					
F-1	ROOF	MED-GAS / CLEAN STORAGE	MUSHROOM	100	0.375	999	BELT	0.04	0.167	120-1	100	GB-097	SEE NOTE		

- NOTES: PROVIDE UNIT WITH SPARK-PROOF CONSTRUCTION, EXPLOSION PROOF MOTOR, ROOF CURB, MANUAL MOTOR STARTER WITH OVERLOADS, INTERLOCK FAN WITH MOTORIZED DAMPERS, FAN TO RUN CONTINUOUSLY.

THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON, OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

DOB-NOW-JOB#

GENERAL NOTES

155 White Plains Road
Tarrytown, NY 10591

Gensler

1700 Broadway
Suite 400
New York, NY 10019
United States
Tel 212.492.1400
Fax 212.492.1472

LORING

21 Pennsylvania Plaza
New York, NY 10001
United States
Tel 212.563.7400

HARMANGROUP

450 7th Avenue
#1008
New York, NY 10123
United States
Tel 212.433.2326

MER

901 Manchester Avenue
Moyland, PA 19065
United States
Tel 610.565.4607

KEY NOTES

Date	Description
10.04.21	ISSUE FOR BID

Seal / Signature

Project Name
INTERVENTIONAL
RADIOLOGY - TARRYTOWN
Project Number
12491.000

Description
MECHANICAL
SCHEDULES

Scale
AS NOTED

M-300.00