

2 LOUVER PLENUM DETAIL

NOT TO SCALE

1 MAINTENANCE BUILDING - FIRST FLOOR PLAN - HVAC

E	URNAC	E SCHEDULE - D	X/GA	S(LP)														
	UNIT NO.	LOCATION	CFM	EXT.	TYPE	AIRFLOW	TOTAL	GAS FURNA	CE			MOTOR					MANUFACTURER & MODEL No.	REMARKS
1				STATIC		CONFIGURATION	COOLING	INPUT	OUTPUT	EFFICIENC	Y	RPM	HP	VOLTS	PHASE	FLA		
1				(In. WC)			CAPACITY	CAPACITY	CAPACITY	MINIMUM	TEST	1						
							(TONS)	(MBH)	(MBH)	(%)	PROCEDURE							
Γ	F-1	EQUIPMENT STORAGE	1,075	0.90	CONDENSING	UPFLOW	3.0	60.0	58.2	96.0	ANSI Z21.47	VARIES	0.75	120	1	8.0	TRANE MODEL S9V2B060/4PXCBU36B	1

REGISTE	R GRILLE AN	D DIFFUSE	R SCHEDULE		
TYPE	APPLICATION	MATERIAL	FINISH	MANUFACTURER & MODEL NO.	REMARKS
1	SUPPLY	STEEL	COLOR AS SELECTED BY ARCHITECT	PRICE MODEL SPD	-
Α	RETURN/EXHAUST	STEEL	COLOR AS SELECTED BY ARCHITECT	PRICE MODEL 535D	-

REMARKS:

1. AIRFLOW BASED ON MEDIUM FAN SPEED IN THE 2ND STAGE OF HEATING.

		DENSING																						
UNIT NO.	LOCATION	SERVES	CAPACITY	COMPRES	SSORS			REFRIGERANT	AMBIENT	COILS			FANS				F	PERFORMANCE		ELEC C	HARACTER	ISTICS	MANUFACTURER & MODEL No.	REMARKS
			TONS	NO. OF	CAPACITY	RLA	LRA		AIR TEMP	ROWS	FIN	TOTAL	NO. OF	DIA.	SPEED	TOTAL	MOTOR	MINIMUM	TEST	VOLTS	PHASE	MCA MO	D	
				COMP.	STEPS				(DEG. F)		SPACING	FACE AREA	FANS	(ln.)	(RPM)	AIRFLOW	HP	EFFICIENCY	PROCEDURE					
									, ,		(FIN/In.)	(Sq. Ft.)			` '	(CFM)		SEER						
RCU-M1	AT GRADE	OFFICE AREA	3.0	1	1	5.8	38.0	R-410A	95.0	1	24	18.75	1	23.0	825	2,805	0.125	14.0	AHRI 270	208	3	12.0 20.0	TRANE MODEL 4TTA4036A3000A	-

UNIT HEA	ATER SCHEDULE - (GAS(LP)																
UNIT NO.	LOCATION	TYPE	AIR SIDE			GAS			EFFICIE	NCY	FAN MC	TOR			MOUNTING	THROW	MANUFACTURER & MODEL No.	REMARKS
			AIR	ENT. AIR	LVG. AIR	INPUT	OUTPUT	MIN. GAS PRESS	MIN	TEST	RPM	HP	VOLTS	PHASE	HEIGHT	(Ft.)		
			FLOW	TEMP.	TEMP.	CAPACITY	CAPACITY	BEFORE REGULATOR	(%)	PROCEDURE					(FtIn.)			
			(CFM)	(DEG. F)	(DEG. F)	(BTUH)	(BTUH)	(In. WC)										
UH-1	EQUIPMENT STORAGE	HORIZONTAL	990	70.0	115.0	60,000	49,200	11.0	82.0	ANSI Z83.8	1,550	0.066	115	1	9.0	36.0	MODINE MODEL HD60	-
UH-2	EQUIPMENT STORAGE	HORIZONTAL	990	70.0	115.0	60,000	49,200	11.0	82.0	ANSI Z83.8	1,500	0.066	115	1	9.0	36.0	MODINE MODEL HD60	-
UH-3	EQUIPMENT STORAGE	HORIZONTAL	990	70.0	115.0	60,000	49,200	11.0	82.0	ANSI Z83.8	1,500	0.066	115	1	9.0	36.0	MODINE MODEL HD60	-
UH-4	EQUIPMENT STORAGE	HORIZONTAL	990	70.0	115.0	60,000	49,200	11.0	82.0	ANSI Z83.8	1,500	0.066	115	1	9.0	36.0	MODINE MODEL HD60	-
UH-5	EQUIPMENT MAINTENANCE	HORIZONTAL	990	70.0	115.0	60,000	49,200	11.0	82.0	ANSI Z83.8	1,500	0.066	115	1	9.0	36.0	MODINE MODEL HD60	-
UH-6	EQUIPMENT MAINTENANCE	HORIZONTAL	990	70.0	115.0	60,000	49,200	11.0	82.0	ANSI Z83.8	1,500	0.066	115	1	9.0	36.0	MODINE MODEL HD60	-

LOUVER	SCHEDULE												
UNIT NO.	LOCATION	SERVICE	TYPE	FINISH	FREE	DIMENSIO	NS (APPRO	X.)	AIR PERF	ORMANCE		MANUFACTURER & MODEL NO.	REMARKS
					AREA	WIDTH	HEIGHT	DEPTH	AIR	VEL	MAX P.D.		
					(Sq. Ft.)	(ln.)	(ln.)	(ln.)	FLOW	(FPM)	(In. WC)		
									(CFM)				
L-1	EQUIPMENT STORAGE XA11	ERV-M1	FIXED LOUVER	POWDER COAT	1.06	24	16	4	500	453	0.04	GREENHECK MODEL ESD-403	1, 2
L-2	EQUIPMENT STORAGE XA11	ERV-M1	FIXED LOUVER	POWDER COAT	1.06	24	16	4	500	453	0.04	GREENHECK MODEL ESD-403	1, 2

REMARKS:
1. INSECT SCREEN.
2. FINISH COLOR TO BE SELECTED BY ARCHITECT.

UNIT NO.	LOCATION	SERVICE	COOLING	CAPACI	ITY		HEATING CO	IL		ELEC CH	HARACTE	RISTICS		EFFICIENCY		MANUFACTURER & MODEL No.	REMARKS
			AIR	O.A.	COOLING	OUTDOOR	TYPE	CAPACITY	NO. OF	VOLTS	PHASE	MCA N	1OP	MINMUM	TEST		
			FLOW	(CFM)	CAP. TOTAL	COIL EAT		(MBH)	STEPS					(EER)	PROCEDURE		
			(CFM)	, ,	(MBH)	(DEG. F)		, ,						` ,			
PTAC-1	MECHANIC OFFICE	MECHANIC OFFICE	370	35	11.4	95.0	OPEN COIL	6.8	1	208	1	14.1 1	15.0	11.0	AHRI 310/380	AMANA MODEL PTH123G25A	1, 2

REMARKS:
1. PROVIDE 2.5 KW AUXILIARY ELECTRIC HEATER.
2. PROVIDE SUB-BASE KIT.

AIR E.S.P. T.S.P. HP AIR E.S.P. (In. WC) (In. WC	
ERV-M1 FOLIPMENT STORAGE X411 OFFICE AREA SUMMER 500 0.75 0.78 0.50 0.75 0.78 0.50 208 1 8.5 15.0 53.9 86.5 74.8 75.0 62.4 78.4 68.5 83.0 69.6 GREENHECK MODEL MINICOR	
FRV-M1 FOUIPMENT STORAGE X411 OFFICE AREA SUMMER 500 0.75 0.78 0.50 0.75 0.78 0.50 208 1 8.5 15.0 53.9 86.5 74.8 75.0 62.4 78.4 68.5 83.0 69.6 GREENHECK MODEL MINICOR	
I ERV-M1 FOIDPMENTSTORAGE XA11 DEFICE AREA → → → → → → → → → → → → → → → → → →	
ERV-WIT EQUIPMENT STORAGE ART OFFICE AREA WITTER 300 0.75 0.7	E 10 VC EM
ERV-WIT EQUIT MENT OFFICE ACE ATT OF	- 10-VG-FW -

RW Monster Golf Accessory Structures

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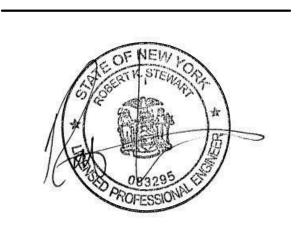
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PERMIT SET 09/30/2021



P.I.C.		L.D	
P.M.		P.A	
ISSUE	09/30/21		
JOB	H18064.14		
DRAWN	LEL		
SCALE	NOT TO SCALE		
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FIRST FLOOR PLAN, SCHEDULES AND DETAIL - HVAC

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