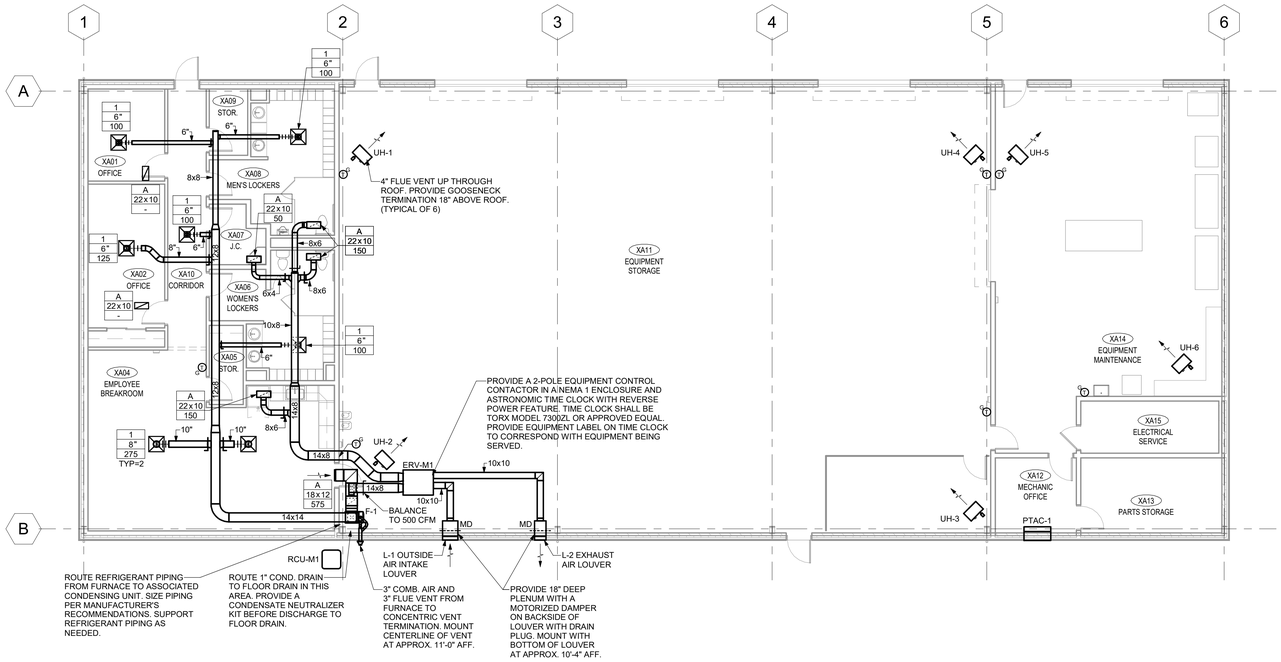
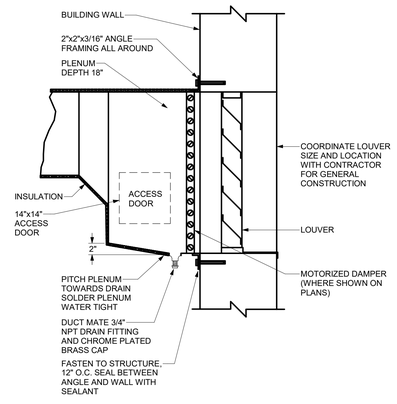


1 MAINTENANCE BUILDING - FIRST FLOOR PLAN - HVAC

1/8" = 1'-0"



2 LOUVER PLENUM DETAIL

NOT TO SCALE

FURNACE SCHEDULE - DX/GAS(LP)

UNIT NO.	LOCATION	CFM	EXT. STATIC (In. WC)	TYPE	AIRFLOW CONFIGURATION	TOTAL COOLING CAPACITY (TONS)	GAS FURNACE INPUT CAPACITY (MBH)	OUTPUT CAPACITY (MBH)	EFFICIENCY MINIMUM (%)	EFFICIENCY TEST PROCEDURE	MOTOR RPM	HP	VOLTS	PHASE	FLA	MANUFACTURER & MODEL No.	REMARKS
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

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

REGISTER GRILLE AND DIFFUSER SCHEDULE

TYPE	APPLICATION	MATERIAL	FINISH	MANUFACTURER & MODEL NO.	REMARKS
1	SUPPLY	STEEL	COLOR AS SELECTED BY ARCHITECT	PRICE MODEL SPD	-
A	RETURN/EXHAUST	STEEL	COLOR AS SELECTED BY ARCHITECT	PRICE MODEL 535D	-

AIR COOLED CONDENSING UNIT SCHEDULE

UNIT NO.	LOCATION	SERVES	CAPACITY TONS	COMPRESSORS NO. OF COMP.	CAPACITY STEPS	RLA	LRA	REFRIGERANT	AMBIENT AIR TEMP (DEG. F)	COILS ROWS	FIN SPACING (FIN/In.)	TOTAL FACE AREA (Sq. Ft.)	FANS NO. OF FANS	DIA. (In.)	SPEED (RPM)	TOTAL AIRFLOW (CFM)	MOTOR HP	PERFORMANCE MINIMUM EFFICIENCY SEER	TEST PROCEDURE	ELEC CHARACTERISTICS VOLTS	PHASE	MCA	MOP	MANUFACTURER & MODEL No.	REMARKS
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 HEATER SCHEDULE - GAS(LP)

UNIT NO.	LOCATION	TYPE	AIR SIDE AIR FLOW (CFM)	ENT. AIR TEMP. (DEG. F)	LVG. AIR TEMP. (DEG. F)	GAS INPUT CAPACITY (BTUH)	OUTPUT CAPACITY (BTUH)	MIN. GAS PRESS BEFORE REGULATOR (In. WC)	EFFICIENCY MIN (%)	EFFICIENCY TEST PROCEDURE	FAN MOTOR RPM	HP	VOLTS	PHASE	MOUNTING HEIGHT (Ft.-In.)	THROW (Ft.)	MANUFACTURER & MODEL No.	REMARKS
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 AREA (Sq. Ft.)	DIMENSIONS (APPROX.) WIDTH (In.)	HEIGHT (In.)	DEPTH (In.)	AIR PERFORMANCE AIR FLOW (CFM)	VEL (FPM)	MAX P.D. (In. WC)	MANUFACTURER & MODEL NO.	REMARKS
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.

PACKAGED TERMINAL AIR CONDITIONING UNIT SCHEDULE - AIR COOLED DX/ELECTRIC

UNIT NO.	LOCATION	SERVICE	COOLING CAPACITY AIR FLOW (CFM)	O.A. (CFM)	COOLING CAP. TOTAL (MBH)	OUTDOOR COIL EAT (DEG. F)	HEATING COIL TYPE	CAPACITY (MBH)	NO. OF STEPS	ELEC CHARACTERISTICS VOLTS	PHASE	MCA	MOP	EFFICIENCY MINMUM (EER)	TEST PROCEDURE	MANUFACTURER & MODEL No.	REMARKS
PTAC-1	MECHANIC OFFICE	MECHANIC OFFICE	370	35	11.4	95.0	OPEN COIL	6.8	1	208	1	14.1	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.

PACKAGED ENERGY RECOVERY VENTILATION UNIT SCHEDULE - STATIC PLATE CORE HEAT EXCHANGER

UNIT NO.	LOCATION	SERVICE	MODE	SUPPLY FAN AIR FLOW (CFM)	E.S.P. (In. WC)	T.S.P. (In. WC)	HP	EXHAUST FAN AIR FLOW (CFM)	E.S.P. (In. WC)	T.S.P. (In. WC)	HP	ELECTRICAL CHARACTERISTICS VOLTS	PHASE	MCA	MOP	TOTAL EFF. (%)	PERFORMANCE CONDITIONS (DEG. F) O.A. DB	O.A. WB	R.A. DB	R.A. WB	S.A. D	S.A. WB	E.A. DB	E.A. WB	MANUFACTURER & MODEL No.	REMARKS
ERV-M1	EQUIPMENT STORAGE XA11	OFFICE AREA	SUMMER	500	0.75	0.78	0.50	500	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 MINICORE-10-VG-FM	-
			WINTER													65.8	2.7	1.0	70.0	54.2	48.1	38.9	23.5	62.9		

RW Monster Golf Accessory Structures

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P.I.C. L.D.
P.M. P.A.

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REVISIONS:

FIRST FLOOR PLAN, SCHEDULES AND DETAIL - HVAC

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