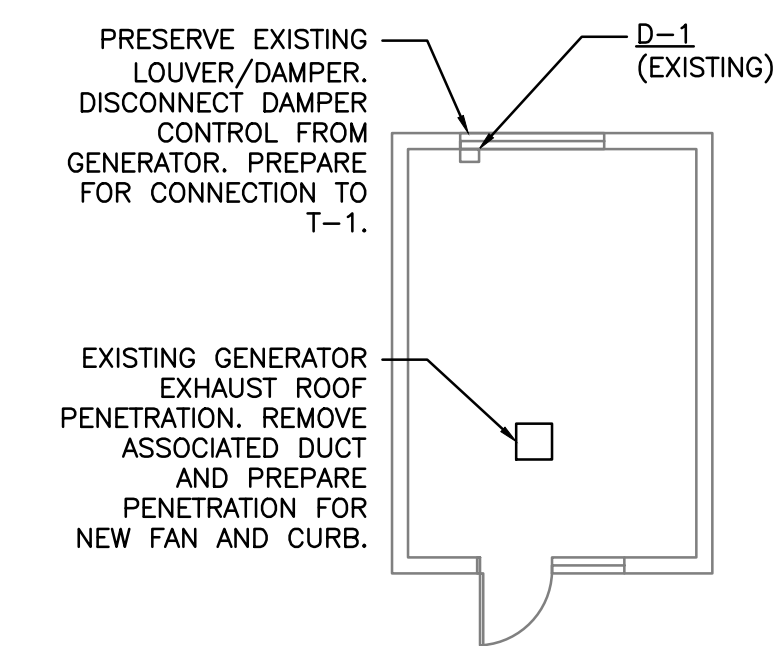
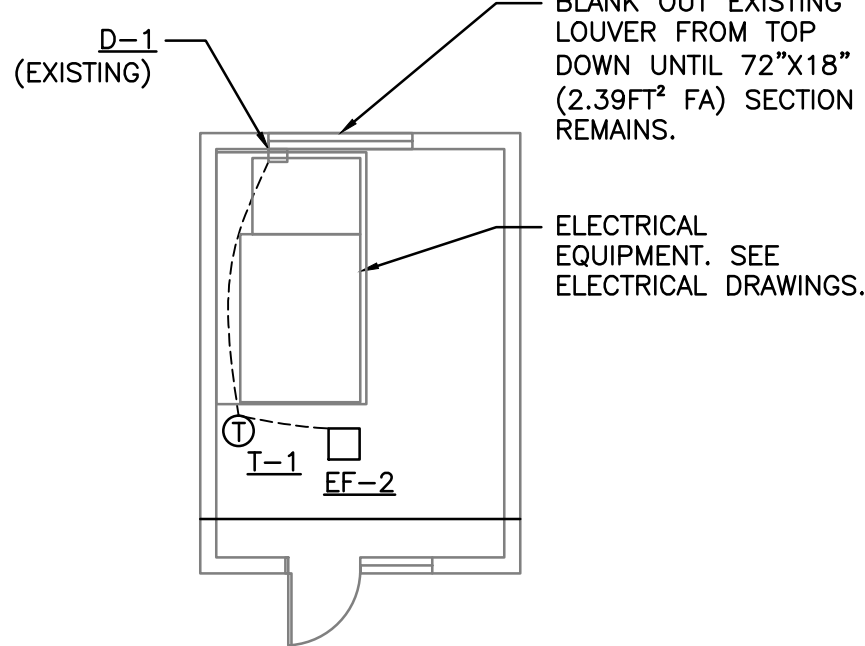


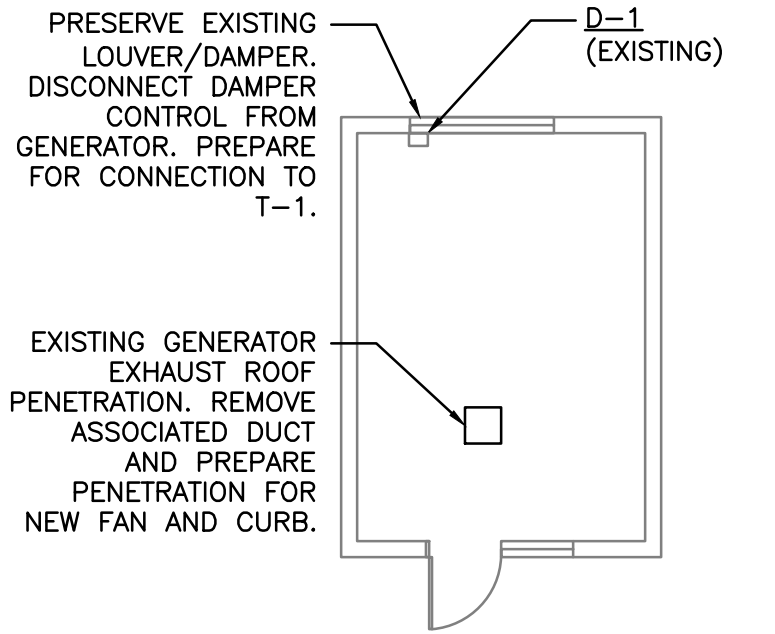
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one eighth inch = one foot
one eighth inch = one foot



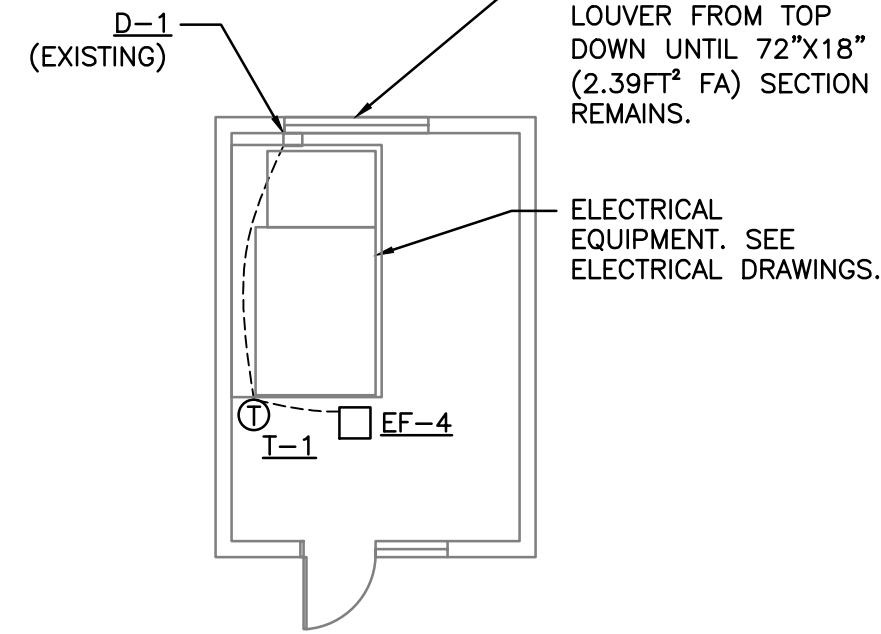
1 BUILDING APU 71 DEMO
M-102 SCALE 1/8" = 1'



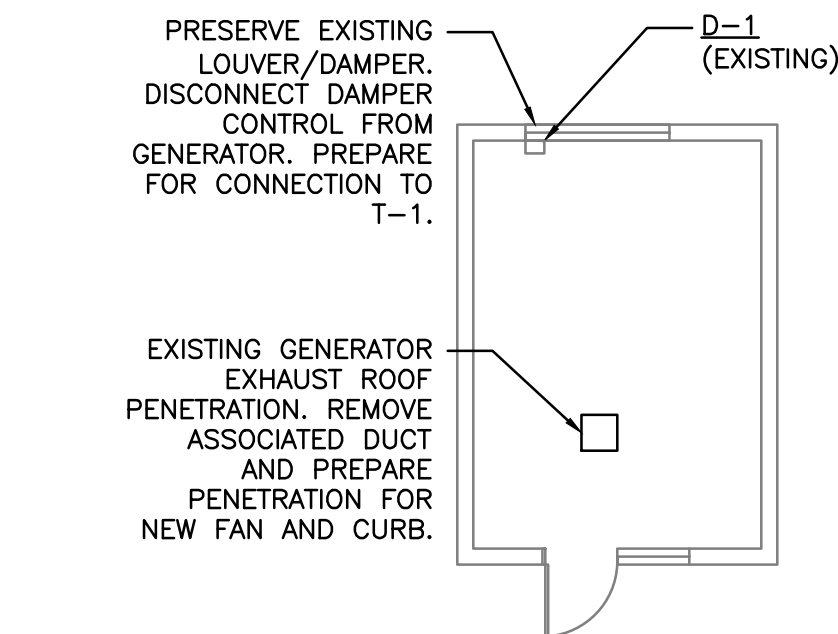
2 BUILDING APU 71 MECHANICAL PLAN
M-102 SCALE 1/8" = 1'



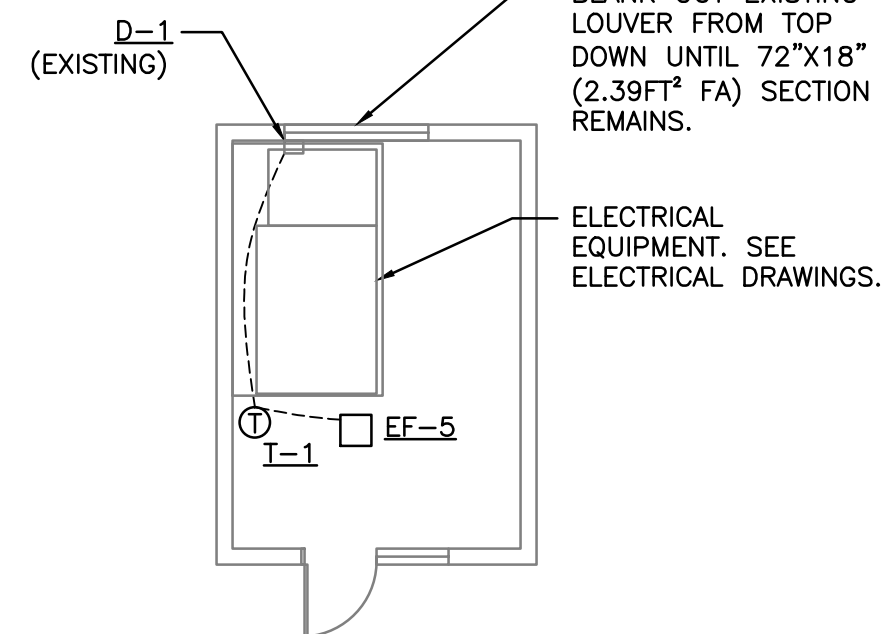
3 BUILDING APU 75 DEMO
M-102 SCALE 1/8" = 1'



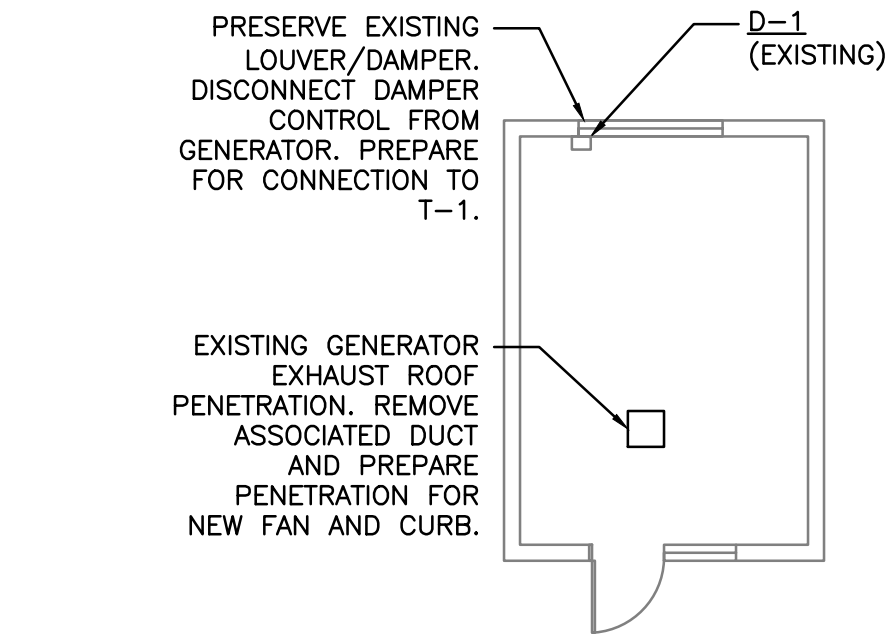
4 BUILDING APU 75 MECHANICAL PLAN
M-102 SCALE 1/8" = 1'



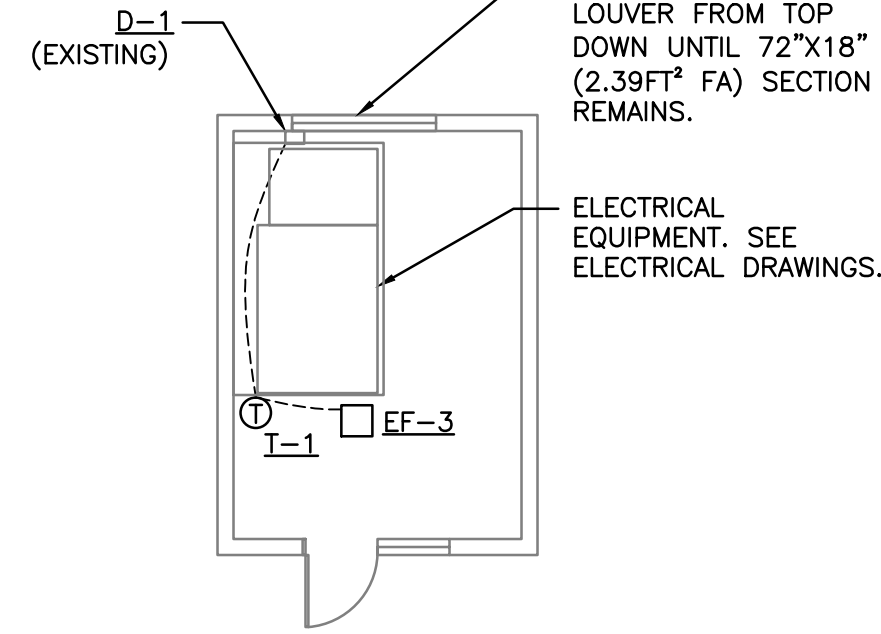
5 BUILDING APU 79 DEMO
M-102 SCALE 1/8" = 1'



6 BUILDING APU 79 MECHANICAL PLAN
M-102 SCALE 1/8" = 1'



7 BUILDING APU 81 DEMO
M-102 SCALE 1/8" = 1'



8 BUILDING APU 81 MECHANICAL PLAN
M-102 SCALE 1/8" = 1'

DEMOLITION NOTES:

1. PREPARE EXISTING GENERATOR EXHAUST OPENINGS FOR INSTALLATION OF NEW EXHAUST FANS.
2. EXISTING UNIT HEATERS AND UNIT HEATER CONTROLS TO REMAIN.

MECHANICAL NOTES:

1. VERIFY LOCATION OF ELECTRICAL EQUIPMENT WITH ELECTRICAL DRAWINGS
2. BLANK OUT ALL LOUVER SECTIONS NOT INDICATED ON PLAN VIEWS

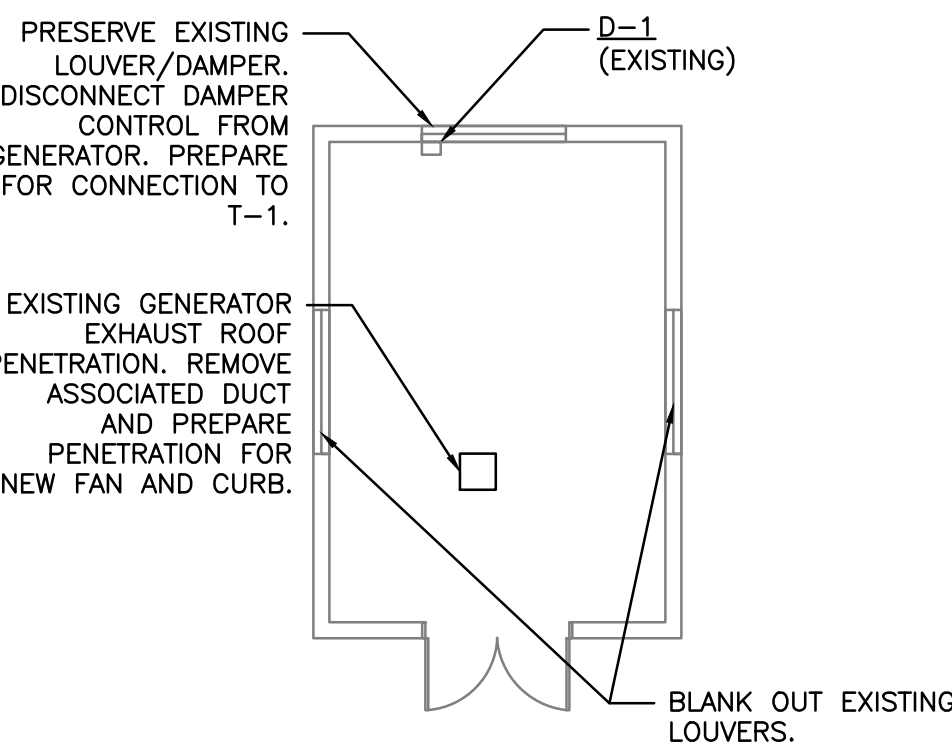
FAN SCHEDULE																									
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	AIR FLOW		TSP		FAN										MOTOR ELECTRICAL						CONTROL SEQUENCE	REMARKS
								TYPE	WHEEL	CLASS	ARRANGEMENT, ROTATION, AND DISCHARGE	DIAMETER		MIN % EFF	DRIVE	FAN MAX RPM	NOMINAL POWER			PHASE	VOLT	RPM	SPEED CONTROL		
				CFM	[L/s]	IN	[Pa]					IN	[mm]				BHP	HP	[kW]						
EF-2, EF-5	SEE PLAN	SEE PLAN	EXHAUST	1650	[780]	0.125	[31]	ROOFTOP	AXIAL	---	UPBLAST	28	[700]	---	DIRECT	1650	0.17	0.18667	[13]	1	230	1140	CONSTANT	SEE CONTROL NOTES	1,2,3
EF-6	SEE PLAN	SEE PLAN	EXHAUST	2600	[1200]	0.125	[31]	ROOFTOP	AXIAL	---	UPBLAST	32	[800]	---	DIRECT	2600	0.42	0.75	[56]	1	230	1300	CONSTANT	SEE CONTROL NOTES	1,2,3

NOTES:

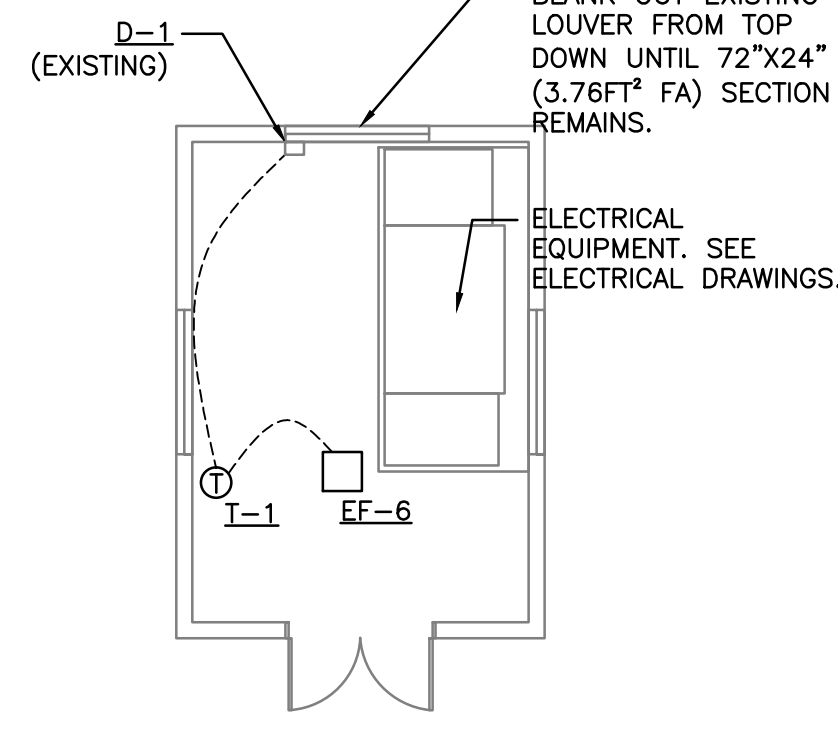
1. PROVIDE WITH ROOF CURB.
2. PROVIDE WITH THERMOSTAT.
3. PROVIDE DISCONNECT SWITCH.

CONTROL NOTE

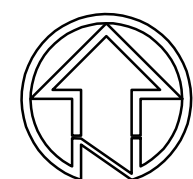
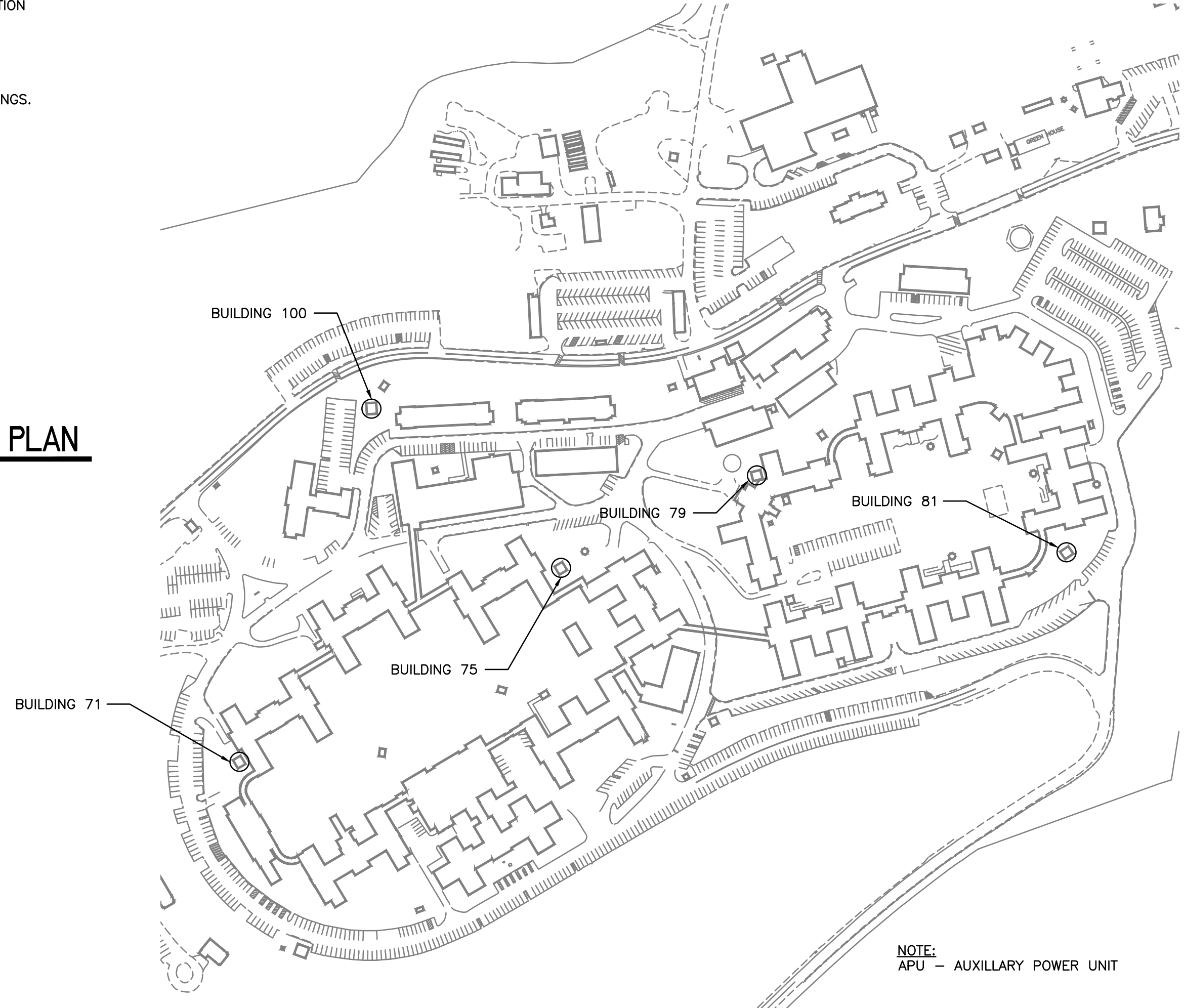
1. EXHAUST FAN EF-1, EF-6 SHALL BE INTERLOCKED WITH D-1 AND ROOM THERMOSTAT T-1 SET AT 80°F. ON TEMPERATURE RISE ABOVE 80°F EXHAUST FAN SHALL ENERGIZE AND D-1 SHALL OPEN, ON TEMPERATURE FALL BELOW 80°F EXHAUST FAN SHALL DE-ENERGIZE AND D-1 SHALL CLOSE.



9 BUILDING APU 100 DEMO
M-102 SCALE 1/8" = 1'

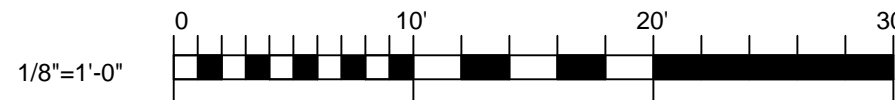


10 BUILDING APU 100 MECHANICAL PLAN
M-102 SCALE 1/8" = 1'



KEY PLAN

SCALE: NTS



100% CONSTRUCTION DOCUMENTS

ENGINEERS/ARCHITECT:				Professional Stamp/Seal		Drawing Title		Project Title		Date	
APOGEE Consulting Group, PA Raleigh, NC Indianapolis, IN Atlanta, GA Columbia, MD www.apogee-pa.com Apogee Project # 2010 228				W ALDON STUDIO ARCHITECTS & PLANNERS, PC 6325 Woodside Court, Suite 310 Columbia, Maryland 21046 Tel: 410.290.9580 Fax: 410.290.5777 www.waldonstudio.com		MECHANICAL DEMO & POWER PLANS, BUILDING 71, 75, 79, 81, 100		COATESVILLE - VA MEDICAL CENTER AVE INSTALL EMERGENCY GENERATOR		9/23/11	
WSP • SELLS LandDesign				JOHN W. MATHEWS REGISTERED PROFESSIONAL ENGINEER NO. 16 20248		Drawn DJR/NAC		Building Number ---		Project No. 542-11-104	
						Checked JMB/JDC		Location COATESVILLE, PENNSYLVANIA		Drawing No. M-102	
Revisions										Dwg. 3 Of 5	
Date											

VA