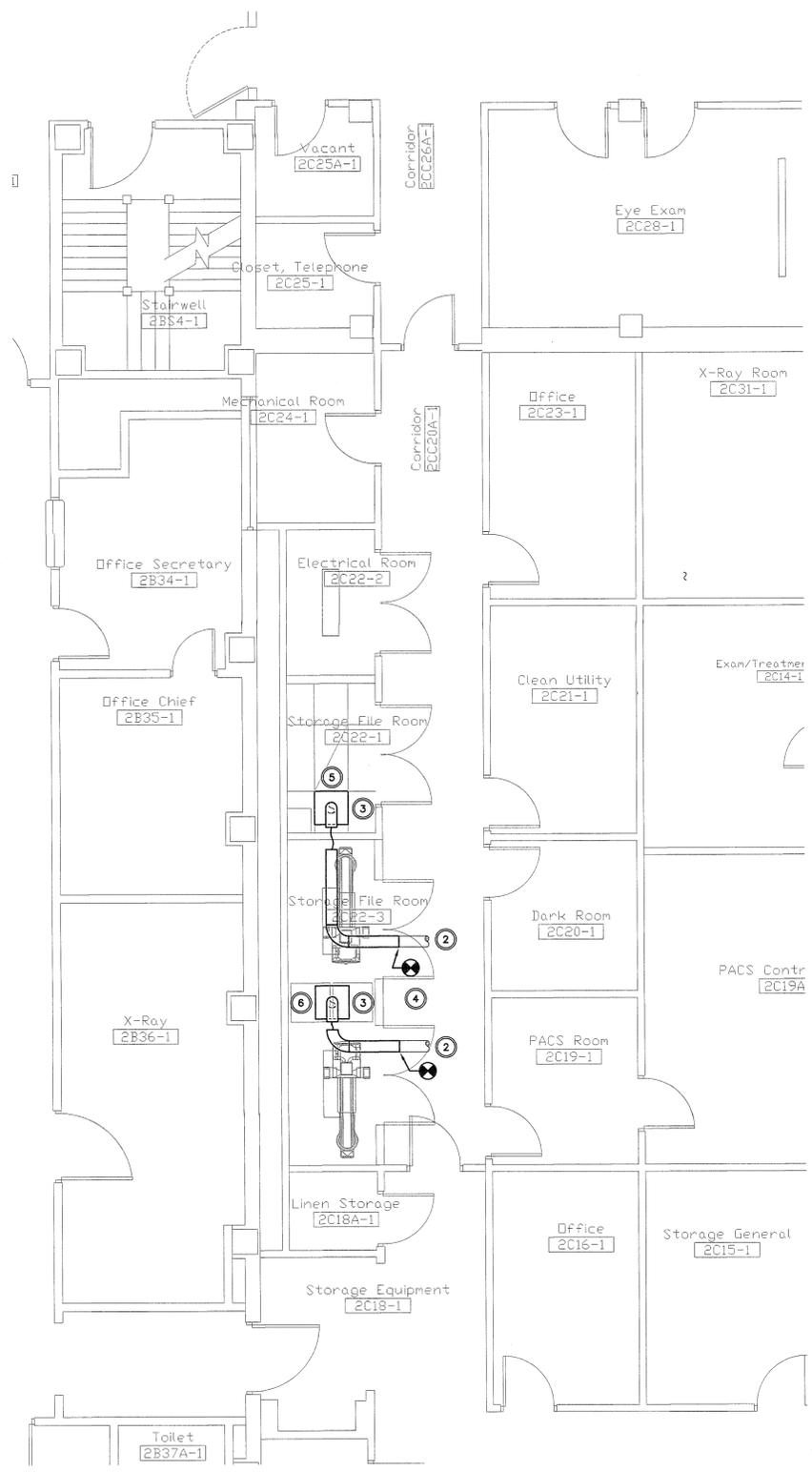
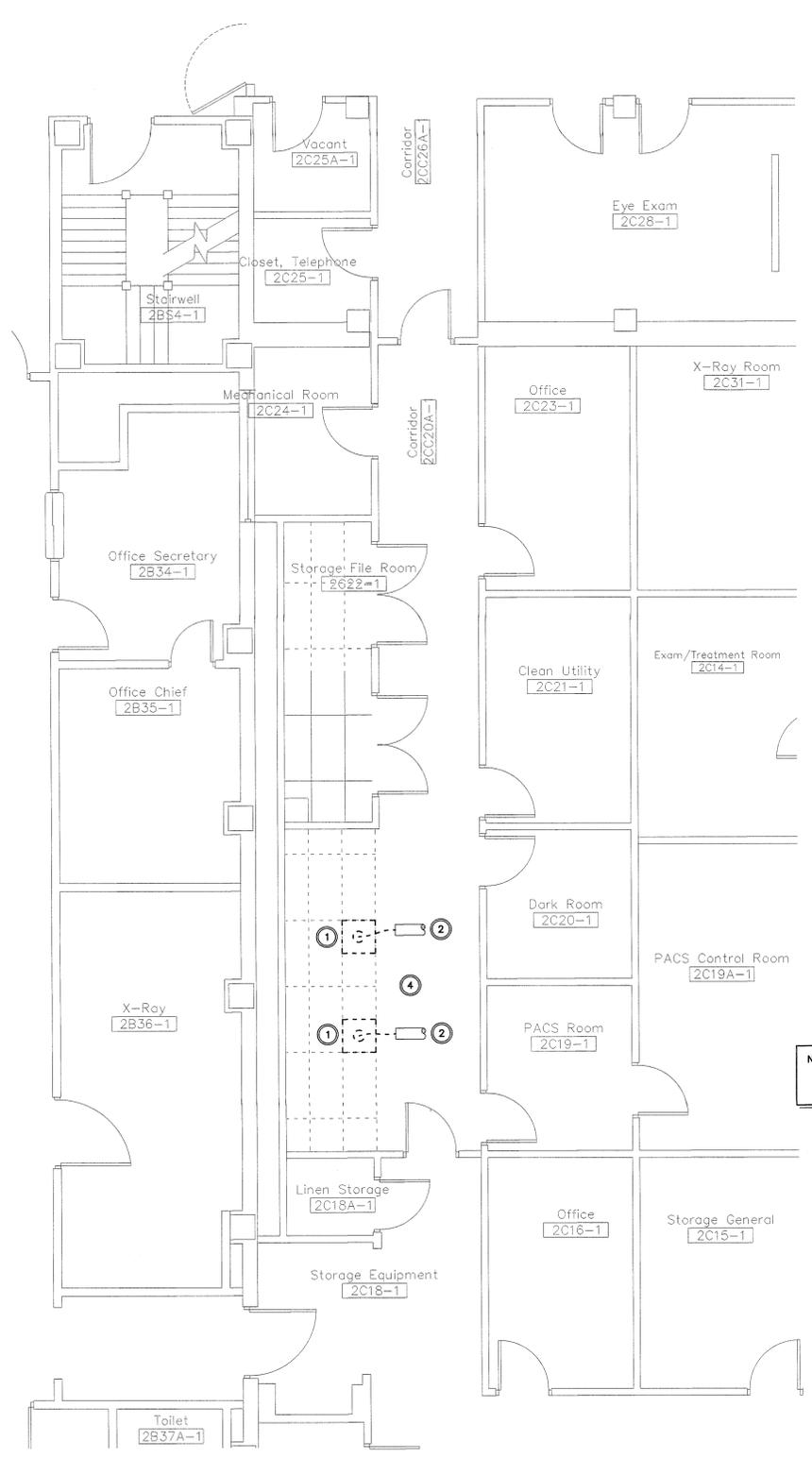


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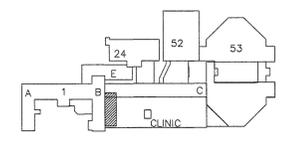
**2 PARTIAL SECOND FLOOR - HVAC PLAN**  
 SCALE: 1/4" = 1'-0"  
 0' 4' 8' 16'



**1 PARTIAL SECOND FLOOR - HVAC DEMOLITION PLAN**  
 SCALE: 1/4" = 1'-0"  
 0' 4' 8' 16'

- NOTES:**
- 1 RELOCATE DIFFUSERS SHOWN BOLD AND DASHED (TYPICAL).
  - 2 EXISTING DUCT TO REMAIN (TYPICAL). RECONNECT TO RELOCATED DIFFUSERS.
  - 3 RELOCATED DIFFUSERS SHOWN BOLD AND SOLID (TYPICAL). CLEAN AND PROVIDE TOUCH-UP PAINT (AS REQUIRED). PROVIDE RIGID ELBOW ABOVE SUPPLY DIFFUSER, WHERE SPACE ALLOWS. USE A MAXIMUM OF 18 INCHES IN LENGTH OF FLEXIBLE DUCT TO CONNECT ELBOW TO DUCT RUNOUT.
  - 4 COORDINATE WORK TIME WITH OWNER AND PROVIDE OVERTIME AND WEEKEND WORK HOURS (AS REQUIRED).
  - 5 PROVIDE INSULATION ON BACK OF RELOCATED DIFFUSER PAN.
  - 6 PROVIDE NEW CEILING FIRE DAMPER WITH NEW DIFFUSER RADIATION SHIELD MOUNTED ON BACK OF RELOCATED DIFFUSER PAN.

NOTE: ALL CONTRACTOR PERSONNEL ARE REQUIRED TO ATTEND OSHA TRAINING TO MEET THE OWNER'S REQUIREMENTS. ALL CONTRACTOR PERSONNEL ARE REQUIRED TO COMPLETE SECURITY CLEARANCE REQUIREMENTS.



**KEY PLAN**  
 SCALE: NO SCALE  
 PROJECT NORTH

CAD#25409 DEC-20-12 L&B PROJ. #6101

SUBMISSION	DATE
100% Construction Documents	12-21-12
95% Construction Documents	11-21-12
65% Design Development	10-19-12
35% Schematic Design	6-3-12
Revisions:	

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 OK CERTIFICATE OF AUTHORITY NO: 92395

APPROVED: President A.F.G.E. 2299	APPROVED: Energy Engineer	APPROVED: Medical Center Director
APPROVED:	APPROVED: Safety Manager	APPROVED: Associate Director
APPROVED:	APPROVED: Infection Control Nurse	APPROVED: Chief of Staff
APPROVED:	APPROVED: Industrial Hygienist	APPROVED: Chief of Engineering Service

PROJECT NUMBER	CONTRACT NO.
623-12-109	
BUILDING NUMBER	AUTOCAD FILE NAME:
1	Location

DESIGNED BY	DRAWN BY	CHECKED BY
MRB	WMK	MRB

DRAWING TITLE:	PROJECT TITLE	Date
PARTIAL SECOND FLOOR HVAC PLANS	REPLACE GENERATOR 1E9	12-21-2012
DRAWING NO:	Scale	
1M2		

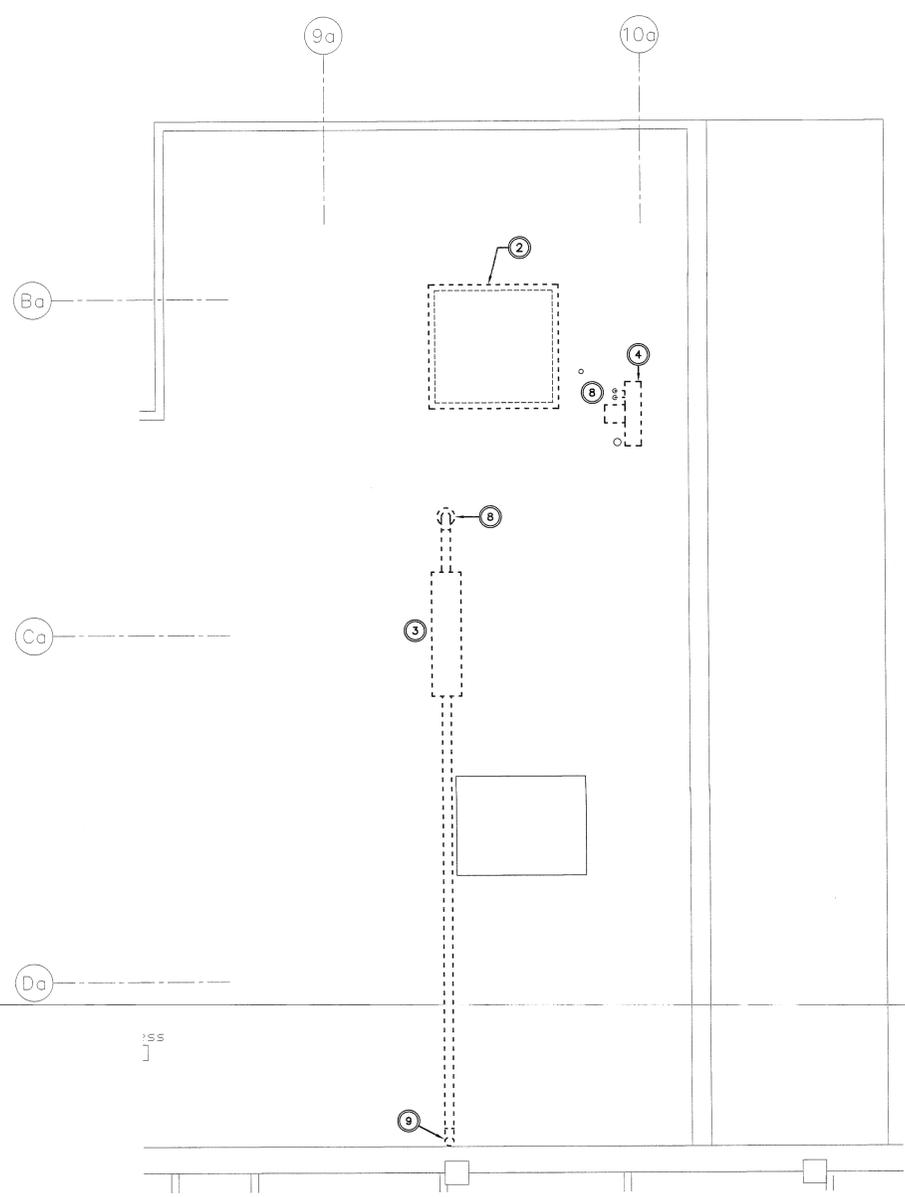
Location
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**Department of Veterans Affairs**

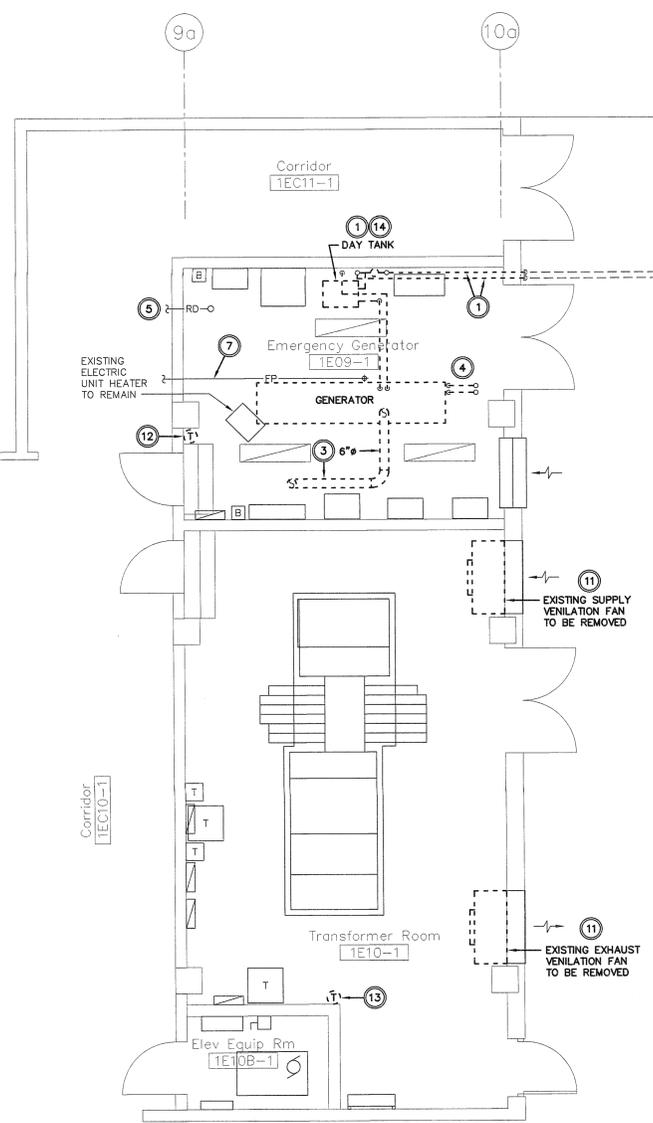


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NOTE: ALL CONTRACTOR PERSONNEL ARE REQUIRED TO ATTEND OSHA TRAINING TO MEET THE OWNER'S REQUIREMENTS. ALL CONTRACTOR PERSONNEL ARE REQUIRED TO COMPLETE SECURITY CLEARANCE REQUIREMENTS.

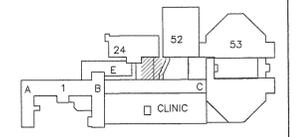


2 ROOF - MECHANICAL DEMOLITION PLAN



1 FIRST FLOOR - MECHANICAL DEMOLITION PLAN

- NOTES:
- REMOVE AND DESTROY EXISTING OUTDOOR FUEL TANK, DAY TANK, AND ALL ASSOCIATED FUEL PIPING (TYPICAL), UNLESS NOTED OTHERWISE. COORDINATE WITH THE VA FOR ANY INSPECTIONS OR DOCUMENTATION FOR PROPER REMOVAL OF EQUIPMENT.
  - REMOVE EXISTING EXHAUST FAN. COORDINATE WITH ELECTRICAL CONTRACTOR REFER TO DETAIL 3/IMS1 FOR CAPPING OF EXISTING ROOF CURB.
  - REMOVE EXISTING GENERATOR FLUE AND MUFFLER.
  - REMOVE EXISTING GENERATOR RADIATOR AND ALL ASSOCIATED PIPING.
  - EXISTING TO REMAIN SHOWN LIGHT (TYPICAL).
  - EXISTING UNDERGROUND FUEL PIPING TO BE ABANDONED IN PLACE. CAP PIPING FLUSH WITH FINISHED GRADE. COORDINATE WITH GENERAL CONTRACTOR FOR CUTTING AND PATCHING OF EXISTING SURFACE MATERIAL (IF REQUIRED). COORDINATE WITH GENERAL CONTRACTOR FOR FLUSHING OF LINES BEFORE CAPPING.
  - COORDINATE WITH GENERAL CONTRACTOR TO PROTECT EXISTING FIRE PROTECTION PIPING AND SPRINKLERS DURING DEMOLITION FOR FUTURE USE.
  - COORDINATE WITH GENERAL CONTRACTOR FOR CUTTING AND PATCHING OF EXISTING ROOF AS REQUIRED TO REMOVE EXISTING ITEMS.
  - REMOVE EXISTING GENERATOR FLUE AND ALL ASSOCIATED WALL SUPPORTS ON OUTSIDE OF BUILDING. SUPPORTS SHALL BE CUT FLUSH WITH EXISTING WALL SURFACE. GENERATOR FLUE RUNS UP ON THE OUTSIDE OF EXISTING BUILDING FOR APPROXIMATELY THREE STORIES. FIELD VERIFY EXACT QUANTITY OF REMOVAL.
  - REMOVE EXISTING FUEL TANK REMOTE FILL LINE AND PIPE SUPPORTS ON OUTSIDE OF BUILDING. FIELD VERIFY EXACT QUANTITY OF REMOVAL. RETURN FUEL INLET QUICK COUPLER TO OWNER.
  - REMOVE EXISTING VENTILATION FAN, ELECTRIC MOTORIZED DAMPER, AND DUCT PLENUM IN PREPARATION FOR NEW DEVICES.
  - REMOVE EXISTING THERMOSTAT FOR UNIT HEATER. REFER TO NEW WORK PLAN FOR NEW TEMPERATURE SENSOR CONNECTED TO BUILDING AUTOMATION SYSTEM.
  - REMOVE EXISTING THERMOSTAT AND ASSOCIATED WIRING FOR EXISTING VENTILATION FANS.
  - RETURN ALL UNUSED FUEL IN EXISTING TANKS TO OWNER. COORDINATE WITH OWNER TO DETERMINE WHICH EXISTING TANK TO TRANSFER FUEL INTO.



KEY PLAN  
SCALE: NO SCALE  
PROJECT NORTH

CAD#25107 DEC-20-12 L&B PROJ. #6101

SUBMISSION	DATE
100% Construction Documents	12-21-12
95% Construction Documents	11-21-12
65% Design Development	10-19-12
35% Schematic Design	8-3-12
Revisions:	

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APPROVED: President A.F.G.E 2280	APPROVED: Energy Engineer	APPROVED: Medical Center Director
APPROVED:	APPROVED: Safety Manager	APPROVED: Associate Director
APPROVED:	APPROVED: Infection Control Nurse	APPROVED: Chief of Staff
APPROVED:	APPROVED: Industrial Hygienist	APPROVED: Chief of Engineering Service

PROJECT NUMBER 623-12-109	CONTRACT NO.	Designed By MRB	Drawn By WMK	Checked By MRB
BUILDING NUMBER 1	AUTOCAD FILE NAME:	Location		

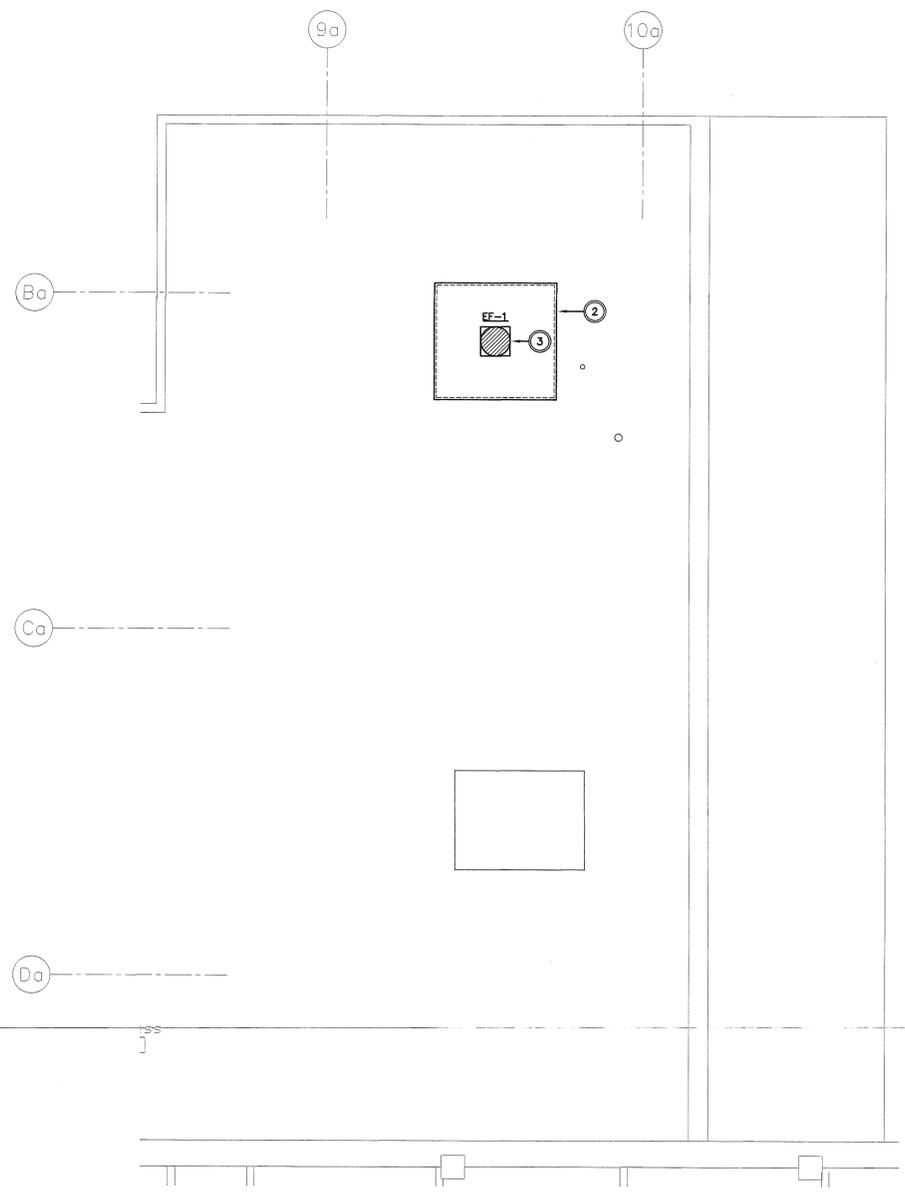
DRAWING TITLE: <b>MECHANICAL DEMOLITION PLANS</b>	PROJECT TITLE: <b>REPLACE GENERATOR 1E9</b>	Date 12-21-2012
DRAWING NO: <b>1M1D</b>		Scale

PROJECT TITLE: <b>REPLACE GENERATOR 1E9</b>	Date 12-21-2012
Scale	DRAWING NO: <b>1M1D</b>

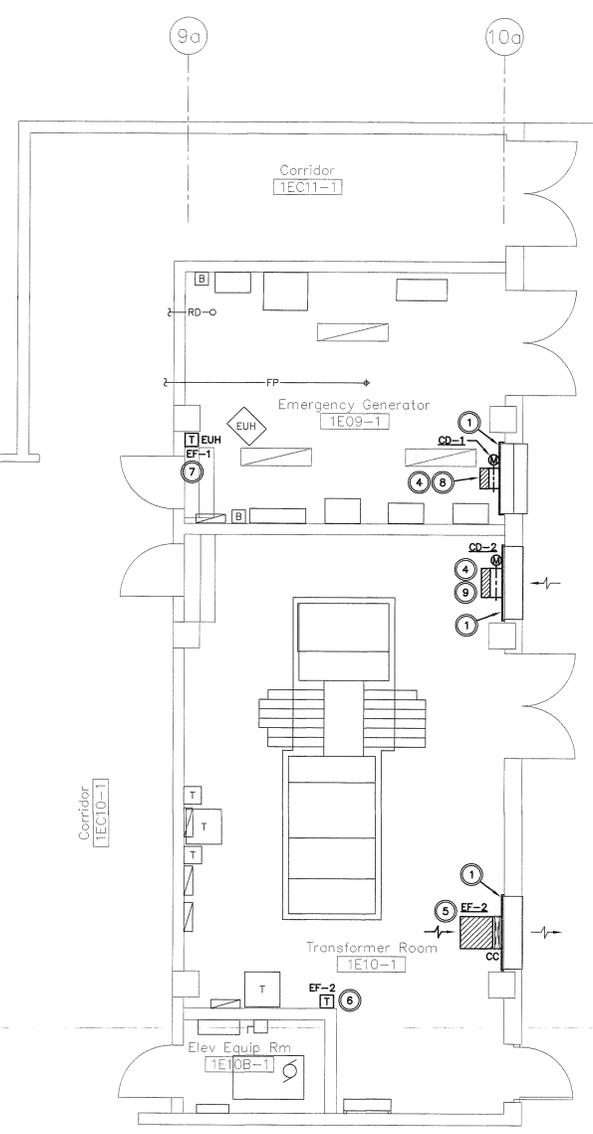
Department of Veterans Affairs

- NOTES:**
- 1 PROVIDE INSULATION AND SHEET METAL CAP OVER EXISTING LOUVER OPENING. FIELD VERIFY EXACT DIMENSIONS.
  - 2 PROVIDE INSULATION AND SHEET METAL CAP OVER EXISTING ROOF CURB. REFER TO DETAIL 3/1MS1 FOR COMPONENTS AND CONFIGURATION.
  - 3 EXHAUST FAN (TYPICAL). SEE DETAIL 1/1MS1 AND 2/1MS1. COORDINATE WITH ELECTRICAL CONTRACTOR FOR INSTALLATION.
  - 4 PROVIDE ELECTRIC MOTORIZED DAMPER ON EXISTING WALL LOUVER CAP. INTERLOCK DAMPER WITH EXHAUST FAN. FAN SHALL START AFTER DAMPER END SWITCH MAKES CONTACT. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.
  - 5 PROVIDE NEW VENTILATION FAN. CONNECT TO EXISTING LOUVER. FIELD VERIFY EXISTING CONDITIONS. COORDINATE WITH ELECTRICAL CONTRACTOR FOR INSTALLATION.
  - 6 PROVIDE TEMPERATURE SENSOR CONNECTED TO BUILDING AUTOMATION SYSTEM TO OPERATE VENTILATION FAN. PROVIDE ALL REQUIRED RELAYS AND CONTACTORS. REFER TO 4/1MS1. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.
  - 7 PROVIDE TEMPERATURE SENSOR CONNECTED TO BUILDING AUTOMATION SYSTEM TO OPERATE VENTILATION FAN AND EXISTING ELECTRIC UNIT HEATER. PROVIDE ALL REQUIRED RELAYS AND CONTACTORS. REFER TO 4/1MS1. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.
  - 8 PROVIDE SIDE ACCESS FILTER HOLDING FRAME WITH MERV 8 12"x12" PLEATED 2" THICK FILTER.
  - 9 PROVIDE SIDE ACCESS FILTER HOLDING FRAME WITH MERV 8 20"x20" PLEATED 2" THICK FILTER.

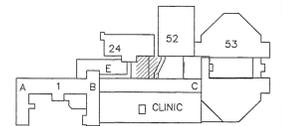
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2 ROOF - MECHANICAL PLAN



1 FIRST FLOOR - MECHANICAL PLAN



KEY PLAN

CAD#25108 DEC-20-12 L&B PROJ. #6101

SUBMISSION	DATE
100% Construction Documents	12-21-12
95% Construction Documents	11-21-12
65% Design Development	10-19-12
35% Schematic Design	8-3-12
Revisions:	

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APPROVED:	APPROVED: Infection Control Nurse	APPROVED: Chief of Staff
APPROVED:	APPROVED: Industrial Hygienist	APPROVED: Chief of Engineering Service

PROJECT TITLE: <b>MECHANICAL PLANS</b>	PROJECT NUMBER 623-12-109	CONTRACT NO.:
BUILDING NUMBER 1	AUTOCAD FILE NAME:	Location

PROJECT TITLE <b>REPLACE GENERATOR 1E9</b>	Date 12-21-2012
Scale	DRAWING NO. <b>1M1</b>
Designed By MRB	Drawn By WMK
Checked By MRB	

**Department of Veterans Affairs**