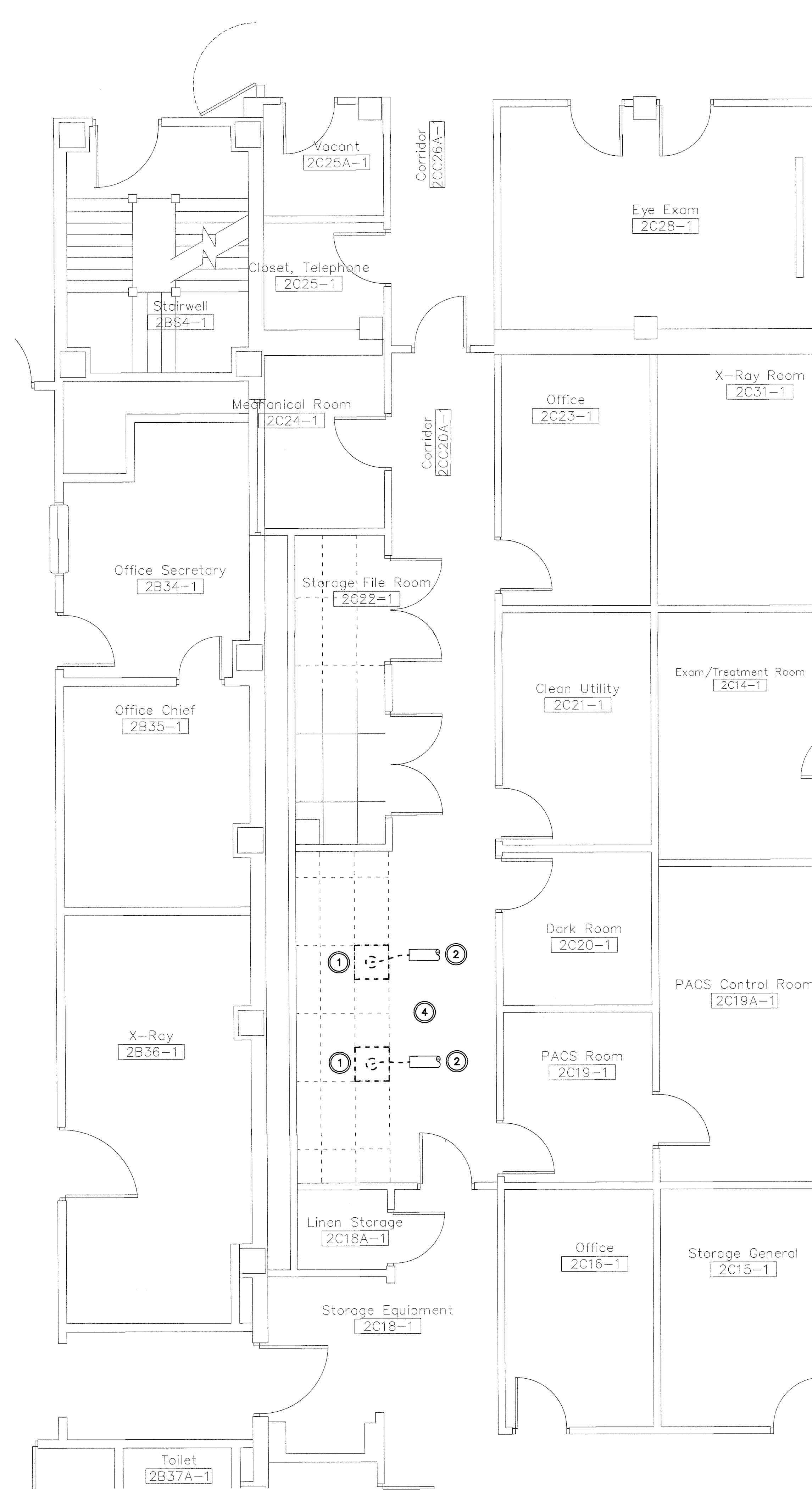


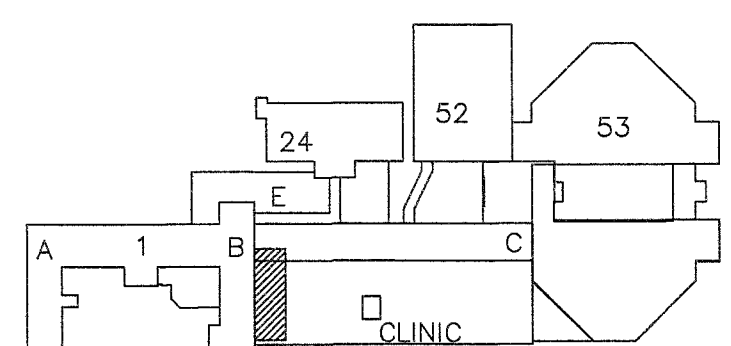
**2 PARTIAL SECOND FLOOR - HVAC PLAN**  
 SCALE: 1/4" = 1'-0"  
 0' 4' 8' 16'



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


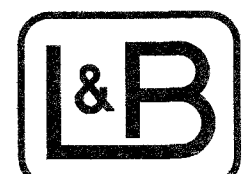
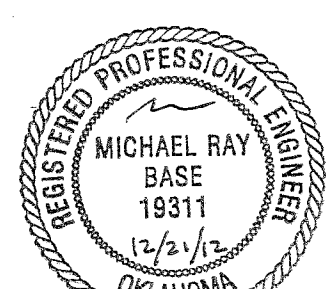

- NOTES:**
- 1 RELOCATE DIFFUSERS SHOWN BOLD AND DASHED (TYPICAL).
  - 2 EXISTING DUCT TO REMAIN (TYPICAL). RECONNECT TO RELOCATED DIFFUSERS.
  - 3 RELOCATED DIFFUSERS SHOWN BOLD AND SOLID (TYPICAL). CLEAN AND PROVIDE TOUCH-UP PAINT (AS REQUIRED). PROVIDE RIGID ELBOW ABOVE SUPPLY DIFFUSER, WHERE SPACE 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

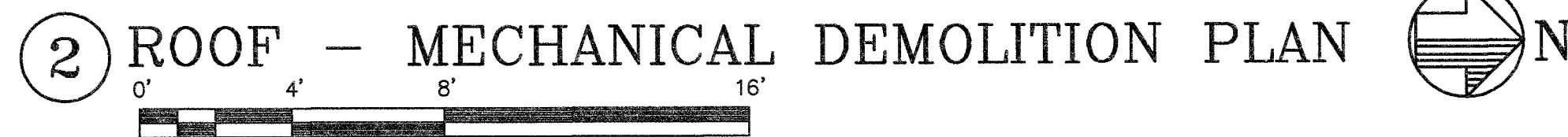
CAD#25409 DEC-20-12 L&B PROJ. #6101

<b>SUBMISSION</b> 100% Construction Documents 95% Construction Documents 65% Design Development 35% Schematic Design Revisions:	<b>DATE</b> 12-21-12 11-21-12 10-19-12 8-3-12	 <b>Department of Veterans Affairs</b> <b>Jack C. Montgomery</b> <b>Medical Center</b> 1011 Honor Height Drive Muskogee, Oklahoma 74401	<b>CONSULTANTS:</b>  <b>Lee &amp; Browne</b> Consulting Engineers, Inc. 1207 South Sheridan Road Tulsa, Oklahoma 74112-5405 (918) 836-0271 CA #252 Exp: 6/13	<b>SEAL:</b>  MICHAEL RAY BASE 19311 (12/5/12)	<b>ARCHITECT / ENGINEERS</b>  7700 NORTH HUDSON AVENUE, SUITE 9 OKLAHOMA CITY, OKLAHOMA 73116 WWW.SPUR-DESIGN.COM PHONE: 405.842.6100 OK CERTIFICATE OF AUTHORITY NO: 02395	APPROVED: President A.F.G.E. 2290 APPROVED: APPROVED: APPROVED:	APPROVED: Energy Engineer APPROVED: Safety Manager APPROVED: Infection Control Nurse APPROVED: Industrial Hygienist	APPROVED: Medical Center Director APPROVED: Associate Director APPROVED: Chief of Staff APPROVED: Chief of Engineering Service	<b>DRAWING TITLE:</b> PARTIAL SECOND FLOOR HVAC PLANS PROJECT NUMBER: 623-12-109 BUILDING NUMBER: 1	<b>PROJECT TITLE:</b> REPLACE GENERATOR 1E9 CONTRACT NO.: AUTOCAD FILE NAME:	Date: 12-21-2012 Scale: DRAWING NO: 1M2	Department of Veterans Affairs
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- 1 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.
- 2 REMOVE EXISTING EXHAUST FAN. COORDINATE WITH ELECTRICAL CONTRACTOR. REFER TO DETAIL 3/1MS1 FOR CAPPING OF EXISTING ROOF CURB.
- 3 REMOVE EXISTING GENERATOR FLUE AND MUFFLER.
- 4 REMOVE EXISTING GENERATOR RADIATOR AND ALL ASSOCIATED PIPING.
- 5 EXISTING TO REMAIN SHOWN LIGHT (TYPICAL).
- 6 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.
- 7 COORDINATE WITH GENERAL CONTRACTOR TO PROTECT EXISTING FIRE PROTECTION PIPING AND SPRINKLERS DURING DEMOLITION FOR UTILITY USE.
- 8 COORDINATE WITH GENERAL CONTRACTOR FOR CUTTING AND PATCHING OF EXISTING ROOF AS REQUIRED TO REMOVE EXISTING ITEMS.
- 9 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.
- 10 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.
- 11 REMOVE EXISTING VENTILATION FAN, ELECTRIC MOTORIZED DAMPER, AND DUCT PLENUM IN PREPARATION FOR NEW DEVICES.
- 12 REMOVE EXISTING THERMOSTAT FOR UNIT HEATER. REFER TO NEW WORK PLAN FOR NEW TEMPERATURE SENSOR CONNECTED TO BUILDING AUTOMATION SYSTEM.
- 13 REMOVE EXISTING THERMOSTAT AND ASSOCIATED WIRING FOR EXISTING VENTILATION FANS.
- 14 RETURN ALL UNUSED FUEL IN EXISTING TANKS TO OWNER. COORDINATE WITH OWNER TO DETERMINE WHICH EXISTING TANK TO TRANSFER FUEL INTO.

Department of  
Veterans Affairs

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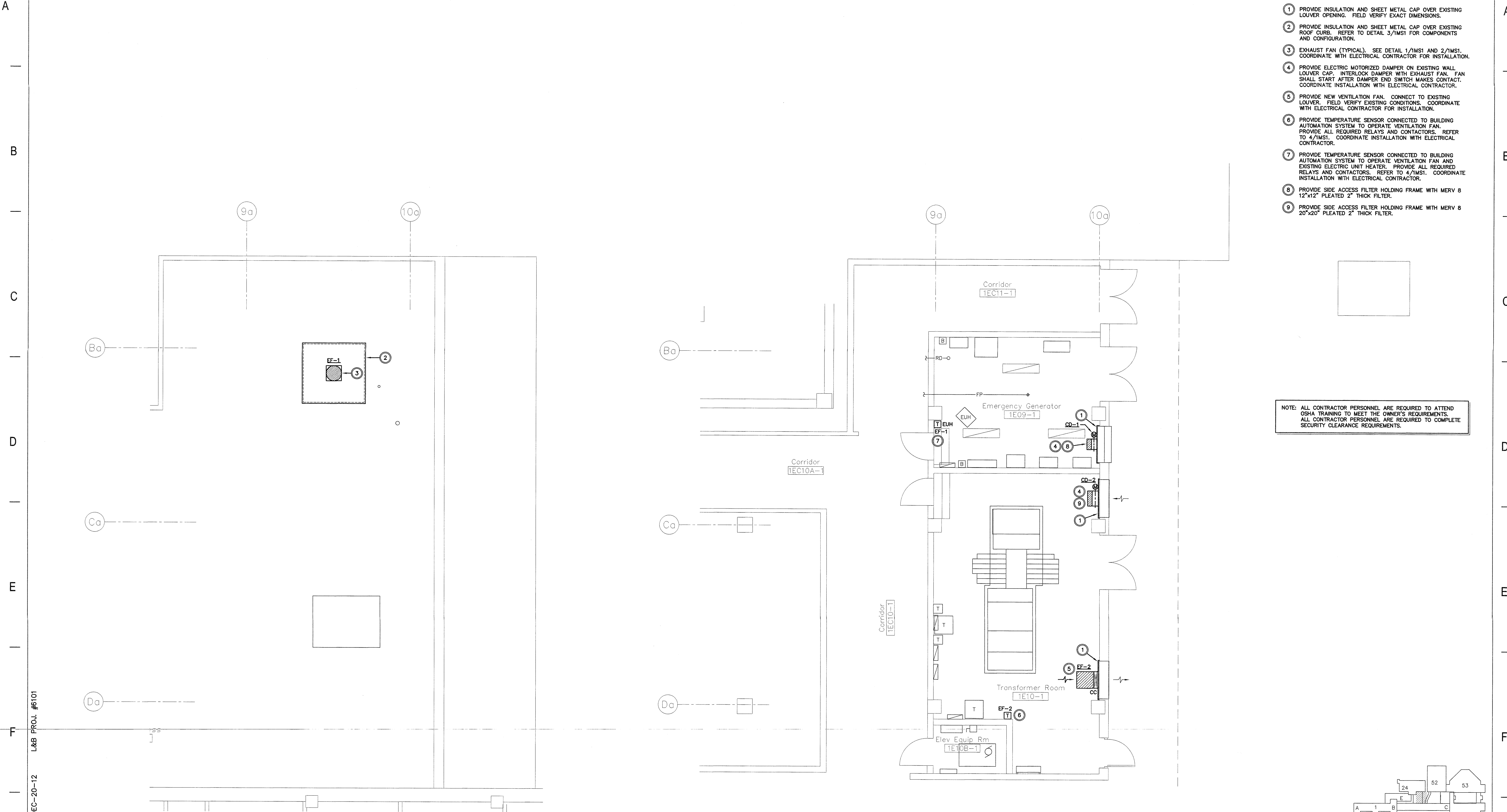
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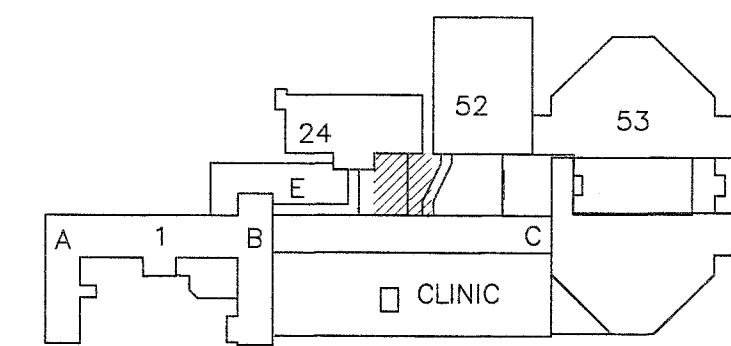


- NOTES:
- 1 PROVIDE INSULATION AND SHEET METAL CAP OVER EXISTING LOUVER OPENING. FIELD VERIFY EXACT DIMENSIONS.
  - 2 PROVIDE INSULATION AND SHEET METAL CAP OVER EXISTING ROOF CURB. REFER TO DETAIL 3/1MS1 FOR COMPONENTS AND CONFIGURATION.
  - 3 EXHAUST FAN (TYPICAL). SEE DETAIL 1/1MS1 AND 2/1MS1. COORDINATE 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.





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 PLAN

1 FIRST FLOOR - MECHANICAL PLAN



KEY PLAN  
SCALE: NO SCALE  
PROJECT NORTH

SUBMISSION		DATE	 <div>Department of Veterans Affairs Jack C. Montgomery Medical Center 1011 Honor Height Drive Muskogee, Oklahoma 74401</div>	CONSULTANTS:	SEAL:	ARCHITECT / ENGINEERS	APPROVED: President A.F.G.E 2250		APPROVED: Energy Engineer		APPROVED: Medical Center Director		DRAWING TITLE: MECHANICAL PLANS		PROJECT TITLE REPLACE GENERATOR 1E9		Date 12-21-2012	 <div>Lee &amp; Browne Consulting Engineers, Inc. 1207 South Sheridan Road Tulsa, Oklahoma 74112-5405 (918) 836-0271 CA #252 Exp.: 6/13</div>	 <div>MICHAEL RAY BASE 19311 12/5/12 OKLAHOMA</div>	 <div>7700 NORTH HUDSON AVENUE, SUITE 9 OKLAHOMA CITY, OKLAHOMA 73116 WWW.SPUR-DESIGN.COM PHONE: 405-842-6100 OK CERTIFICATE OF AUTHORITY NO.: 92365</div>	APPROVED:		APPROVED: Safety Manager		APPROVED: Associate Director		PROJECT NUMBER 623-12-109		CONTRACT NO:		Designed By MRB	Drawn By WMK	Checked By MRB	DRAWING NO: 1M1
APPROVED:		APPROVED: Infection Control Nurse		APPROVED: Chief of Staff		PROJECT NUMBER 623-12-109		CONTRACT NO:		Designed By MRB	Drawn By WMK	Checked By MRB	DRAWING NO: 1M1																					
APPROVED:		APPROVED: Chief of Engineering Service		BUILDING NUMBER 1		AUTOCAD FILE NAME:		Location		DRAWING NO: 1M1																								
APPROVED:		APPROVED: Industrial Hygienist		APPROVED: Chief of Engineering Service		BUILDING NUMBER 1		AUTOCAD FILE NAME:		Location		DRAWING NO: 1M1																						
APPROVED:		APPROVED: Industrial Hygienist		APPROVED: Chief of Engineering Service		BUILDING NUMBER 1		AUTOCAD FILE NAME:		Location		DRAWING NO: 1M1																						