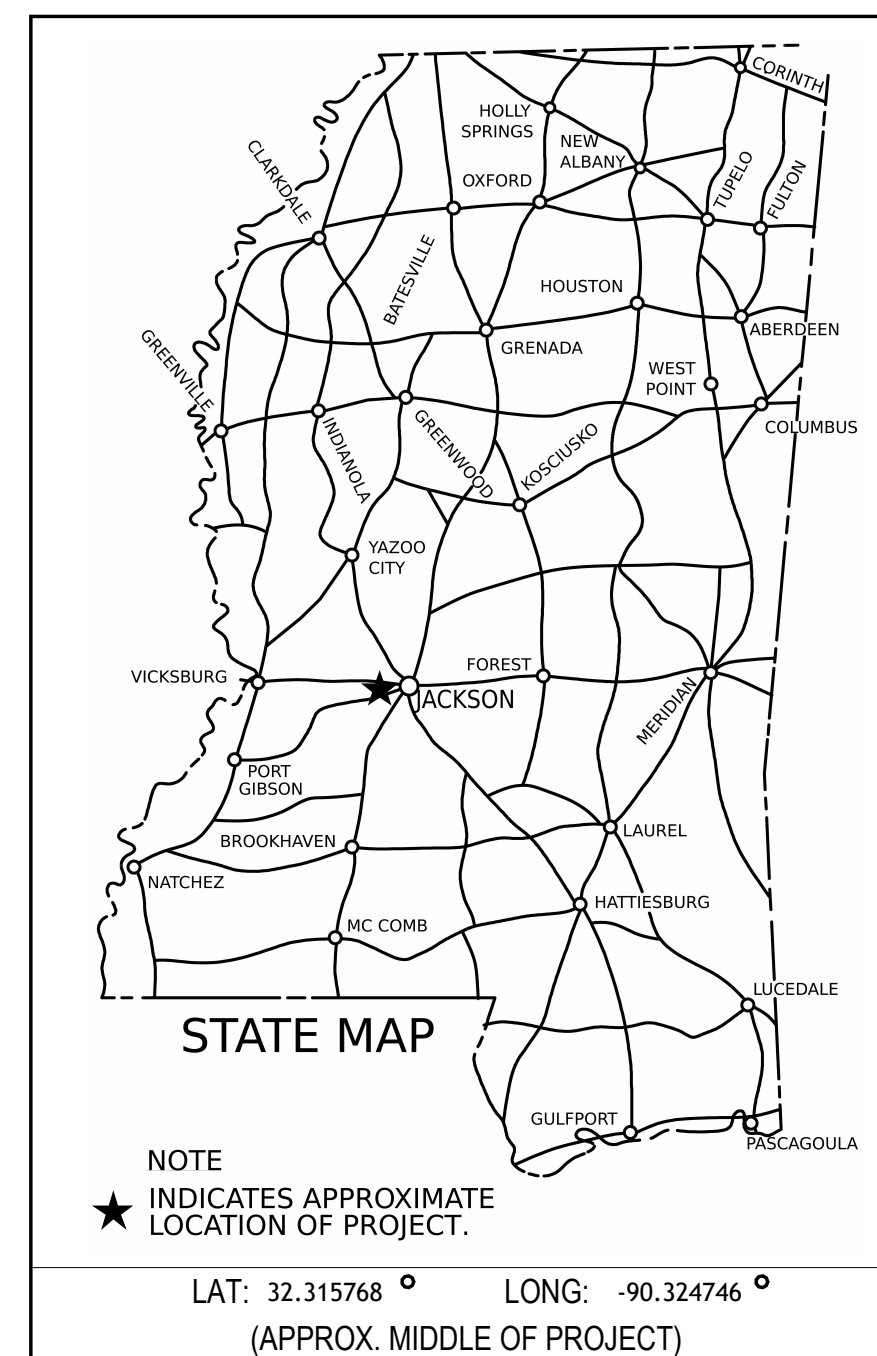


STATE OF MISSISSIPPI  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

CLINTON MAINTENANCE AREA  
HEADQUARTERS HVAC UPGRADES

STATE PROJ. NO. BWO-5222-25(003)

HINDS  
COUNTY



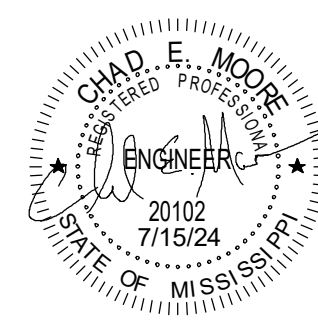
PROJECT LOCATION

527 SPRINGRIDGE RD.  
CLINTON, MS 39056

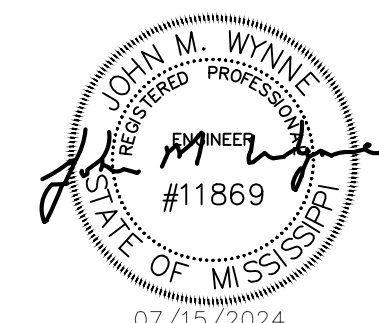


PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL *	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>
	STORMWATER PERMIT <input type="checkbox"/>	
Y	REQUIRED. CNOI SUBMITTED BY MDOT (DISTURBED AREA=5 ACRES)	
S	REQUIRED. SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY:		

CONSTRUCTION PROJECT DATA	
EXTERNAL PROJ. NO.	FMS & DETAIL
BWO-5222-25(003)	502891-301210



MECHANICAL



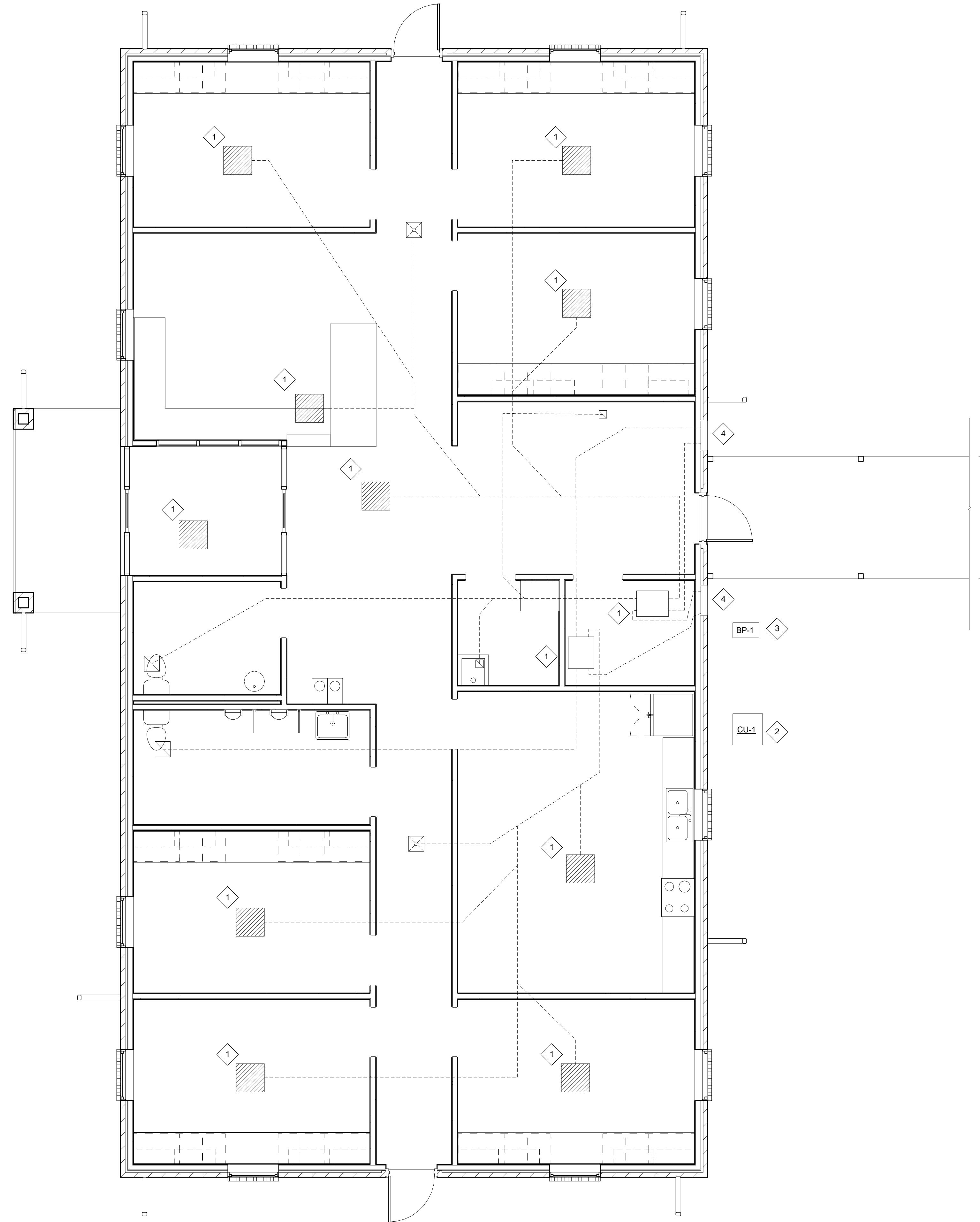
ELECTRICAL



P S & E DATE: 7-15-2024
APPROVED:
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
EXECUTIVE DIRECTOR







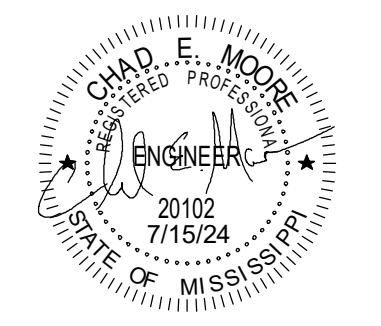
- GENERAL NOTES:**
- A. REMOVE ALL CEILING TILES AND GRID.
- PLAN NOTES:**
1. EXISTING FAN COIL UNIT, DUCTWORK, AIR DISTRIBUTION DEVICES, ETC. TO BE REMOVED.
  2. EXISTING CONDENSING UNIT, REFRIGERANT PIPING, ETC. TO BE REMOVED.
  3. EXISTING BACKFLOW PREVENTER TO BE RELOCTED UNDER NEW WORK.
  4. EXISTING LOUVERS TO BE REMOVED. WALL PENETRATION TO REMAIN FOR REUSE.

FMS CON. 502891-301210

PROJECT NO. BWO-5222-25(003)

COUNTY HINDS

**MDOT Clinton Maintenance Shop**  
CLINTON, MISSISSIPPI



No.	Description	Date	Issued by
A	100% CD REVIEW	11/29/23	CEM
B	100% CD REVIEW	01/11/24	CEM
C	CD'S	02/16/24	CEM
D	ISSUE FOR CONST.	07/15/24	CEM

DESIGNED BY: Designer  
 DETAILED BY: CK  
 CHECKED BY: CEM  
 DATE: 07/15/24

**HVAC DEMOLITION PLAN**

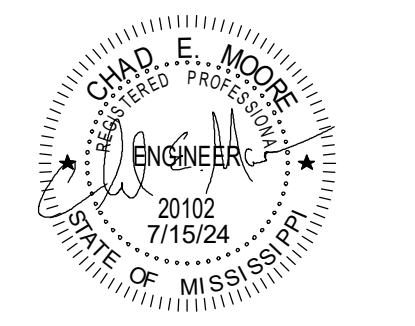
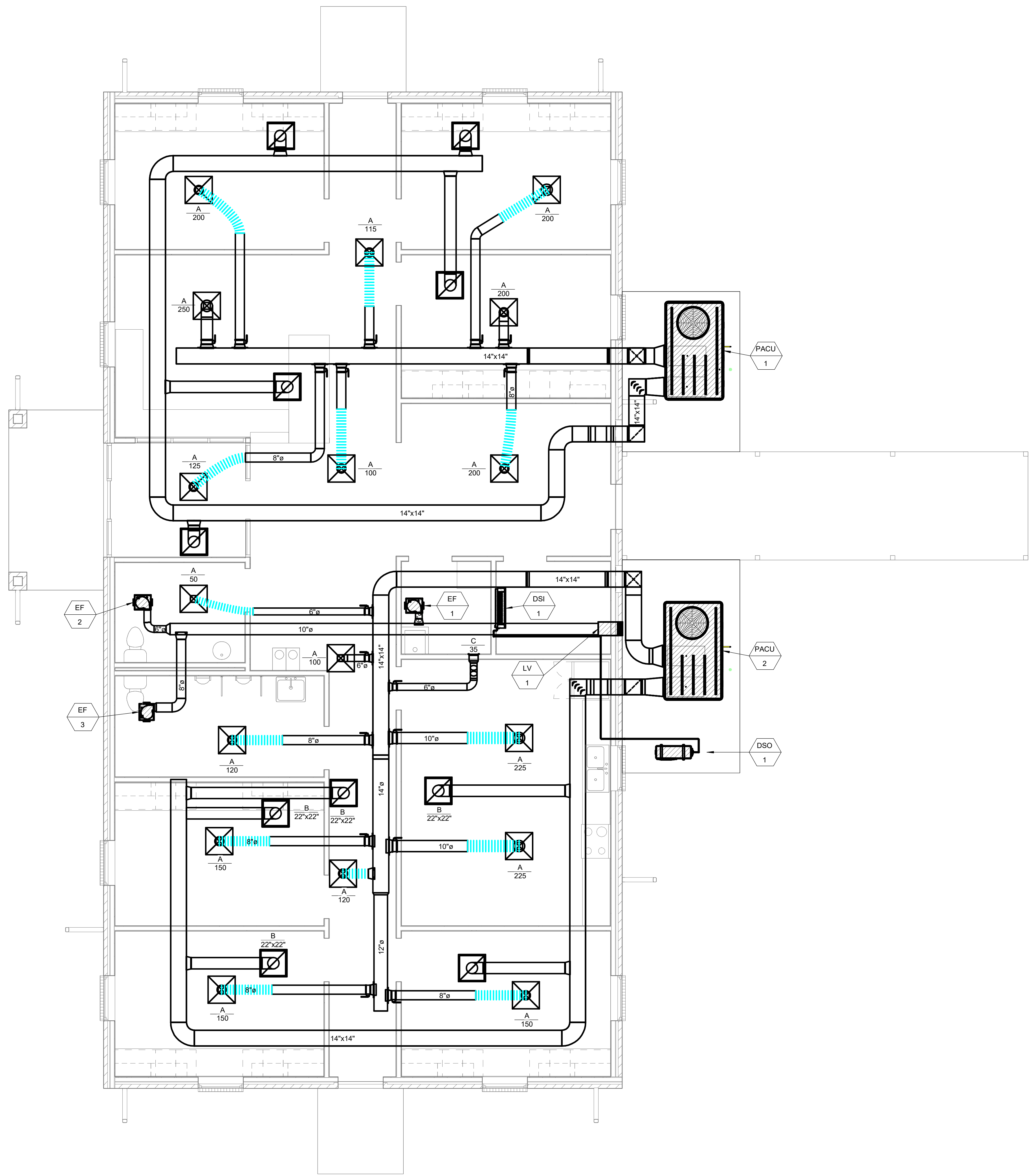


WORKING NO. **MD101**  
 SHEET NO. 4

GENERAL NOTES:  
 A. ALL DUCT TO BE RUN ABOVE ACOUSTICAL DROP CEILING AND BELOW ATTIC CEILING.

FMS CON. 502891-301210  
 PROJECT NO. BWO-5222-25(003)  
 COUNTY HINDS

MDOT Clinton Maintenance Shop  
 CLINTON, MISSISSIPPI



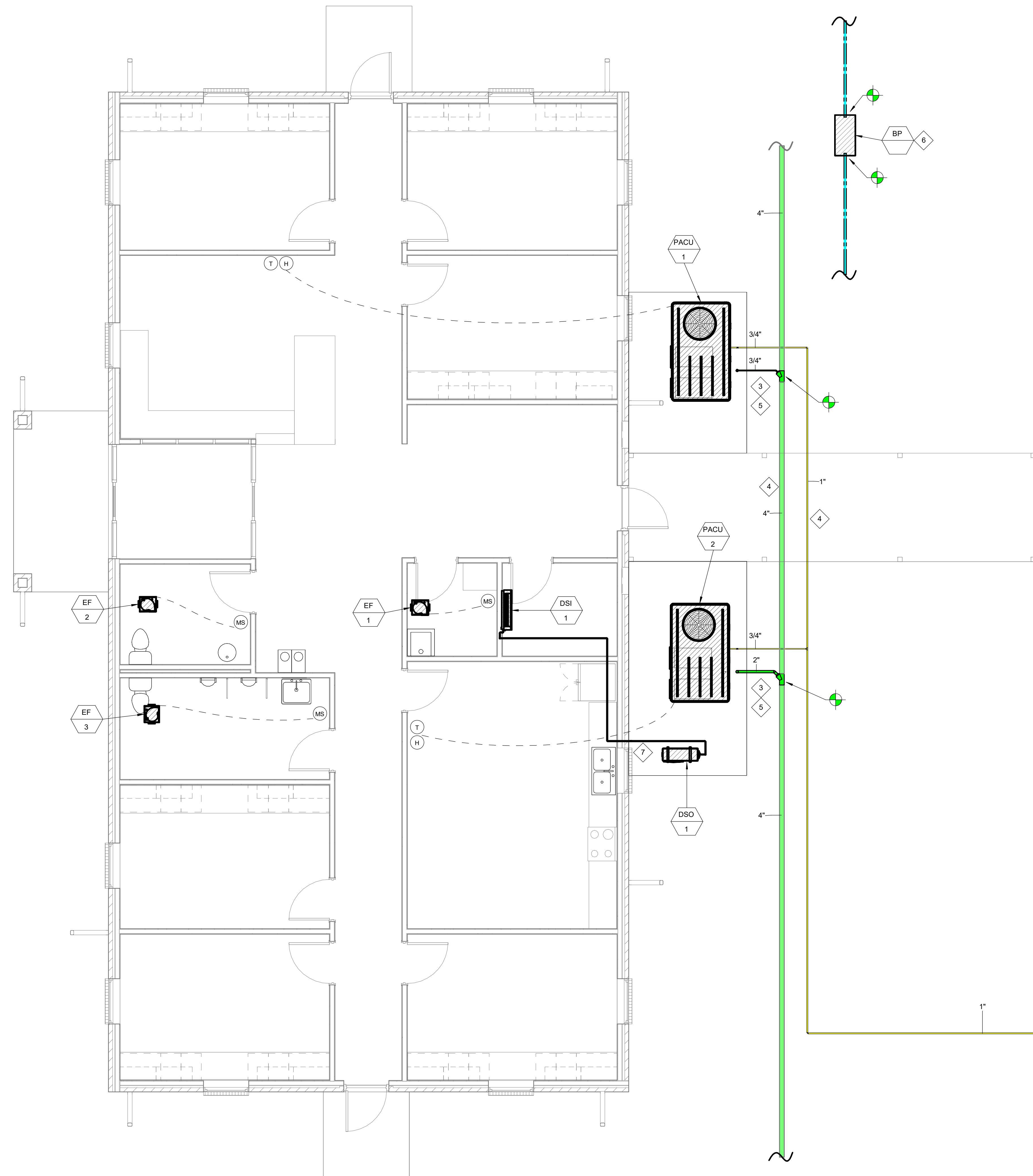
No.	Description	Date	Issued by
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C	CD'S	02/16/24	CEM
0	ISSUE FOR CONST.	07/15/24	CEM

DESIGNED BY: Designer  
 DETAILED BY: CK  
 CHECKED BY: CEM  
 DATE: 07/15/24

HVAC  
 RENOVATION PLAN



WORKING NO. **M101**  
 SHEET NO. 5



**GENERAL NOTES:**

- A. ALL PIPING TO BE ROUTED BELOW GRADE. COORDINATE WITH EXISTING UTILITIES.
- B. CONTRACTOR TO ROUTE AND SIZE REFRIGERANT SIZE WITH ALL ACCESSORIES AND FITTING PER MANUFACTURER RECOMMENDATION.

**PLAN NOTES:**

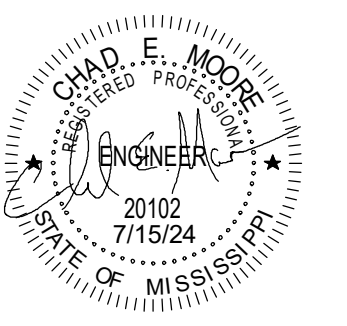
1. CONNECT TO EXISTING GAS LINE. ROUTE NEW GAS PIPING BELOW GRADE TO NEW PACKAGED UNIT.
2. COORDINATE CHANGEOUT/MODIFICATIONS TO EXISTING GAS METER AND REGULATOR WITH SERVING UTILITY COMPANY. INCREASE GAS METER AND REGULATOR CAPACITY BY 200 CFH.
3. TRAP AND VENT CONDENSATE DRAIN (SEE DETAIL) AT PACU-1 AND PACU-2. PIPE DRAIN FULL-SIZE AND SPILL INTO 2" HUB DRAIN.
4. BORE PIPING UNDER EXISTING SIDEWALK. COORDINATE EXISTING UTILITIES.
5. 2" HUB DRAIN. STUB UP 2" ABOVE CONCRETE PAD. INSTALL DEEP-SEAL TRAP IN 2" PIPE BELOW GRADE.
6. RELOCATE EXISTING BACKFLOW PREVENTER. CONNECT TO EXISTING WATER LINE.
7. PROVIDE PAINTABLE PIPE-HIDE COVER.

FMS CON. 502891-301210

PROJECT NO. BWO-5222-25(003)

COUNTY HINDS

**MDOT Clinton Maintenance Shop**  
CLINTON, MISSISSIPPI



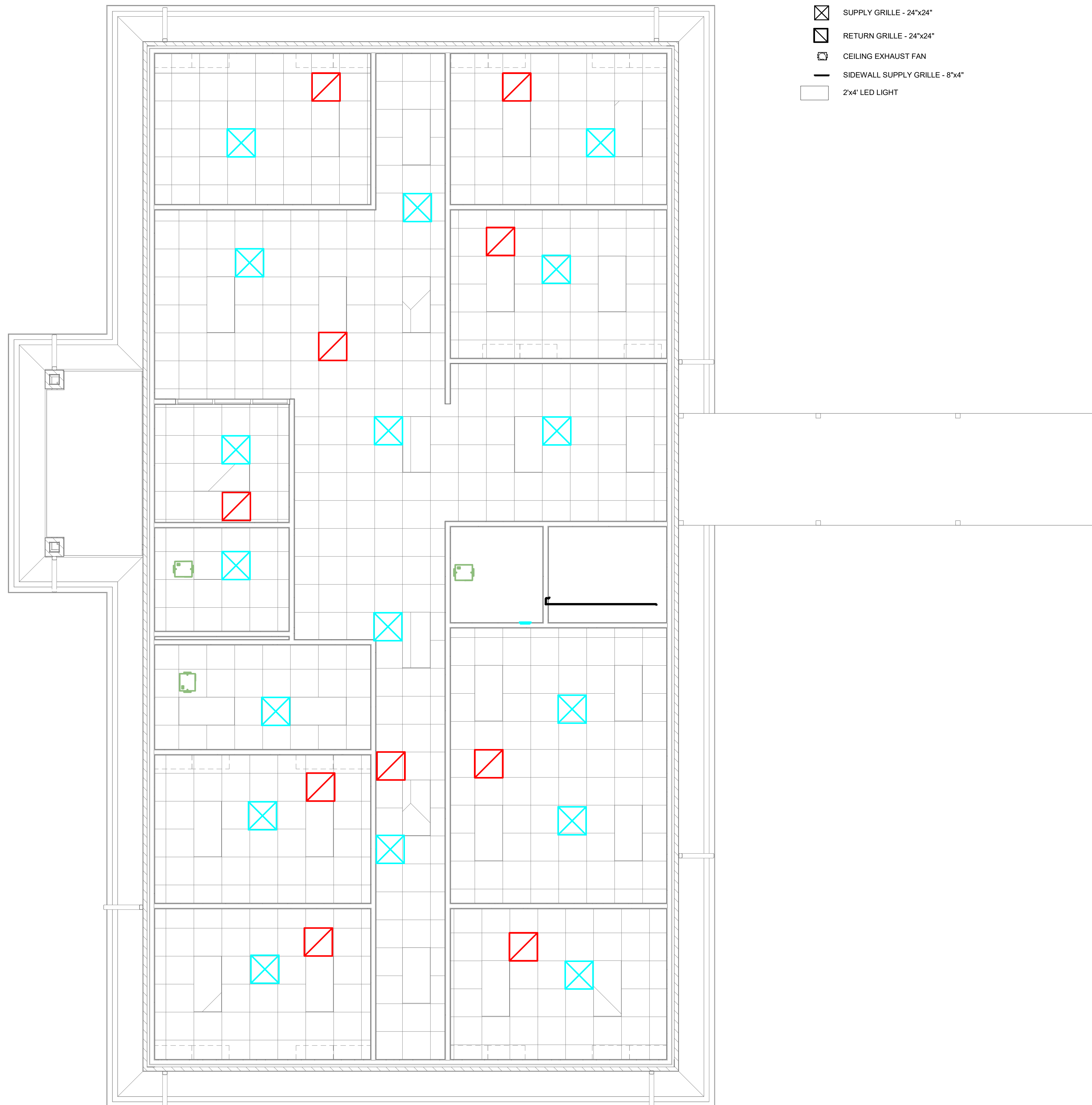
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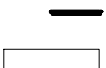

DESIGNED BY: Designer  
 DETAILED BY: CK  
 CHECKED BY: CEM  
 DATE: 07/15/24

**HVAC  
 CONTROLS/PIPING  
 PLAN**



WORKING NO. **M102**  
 SHEET NO. 6



-  SUPPLY GRILLE - 24"x24"
-  RETURN GRILLE - 24"x24"
-  CEILING EXHAUST FAN
-  SIDEWALL SUPPLY GRILLE - 8"x4"
-  2x4' LED LIGHT

**GENERAL NOTES:**

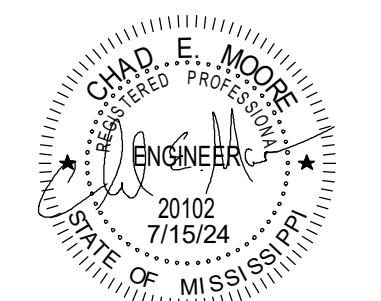
- A. REMOVE ALL CEILING TILES AND GRID.
- B. REPLACE ALL EXISTING CEILING TILES AND GRID WITH NEW 2'X2' ACOUSTICAL TILE. REFER TO PROJECT MANUAL FOR CEILING TILE AND CEILING GRID SPECIFICATIONS.
- C. PATCH AND PAINT ALL WALL WITHIN THE BUILDING. REFER TO PROJECT MANUAL FOR PAINT SPECIFICATIONS.
- D. REPLACE ALL FLOOR BASE THROUGHOUT THE BUILDING. NEW BASE SHALL MATCH EXISTING (TYPE AND COLOR).
- E. THE OWNER WILL MOVE PERSONAL ITEMS WITHIN THE BUILDING. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MOVE AND PROTECT ALL REMAINING ITEMS WITHIN THE BUILDING AS REQUIRED THROUGHOUT THE CONSTRUCTION DURATION.
- F. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COVER AND PROTECT ALL EXISTING NETWORK EQUIPMENT AND CABELING THROUGHOUT THE CONSTRUCTION DURATION.
- G. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE EXISTING FLOORING AND FLOOR BASE THROUGHOUT THE CONSTRUCTION DURATION.
- H. CUTTING AND PATCHING: CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL EXISTING FINISHES DISTURBED OR DAMAGED AS A RESULT OF WORK PERFORMED UNDER THIS CONTRACT. CONTRACTOR SHALL RESTORE FINISHES TO THAT OF ADJACENT SURFACES.
- I. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, STORING, PROTECTING, AND REINSTALLING ALL CEILING MOUNTED DEVICES TO BE REUSED INCLUDING BUT NOT LIMITED TO: FIRE ALARM DEVICES, EXIT SIGNS, SPEAKERS, ETC.

FMS CON. 502891-301210

PROJECT NO. BWO-5222-25(003)

COUNTY HINDS

**MDOT Clinton Maintenance Shop**  
CLINTON, MISSISSIPPI



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 DETAILED BY: CK  
 CHECKED BY: CEM  
 DATE: 07/15/24

**REFLECTED CEILING PLAN**