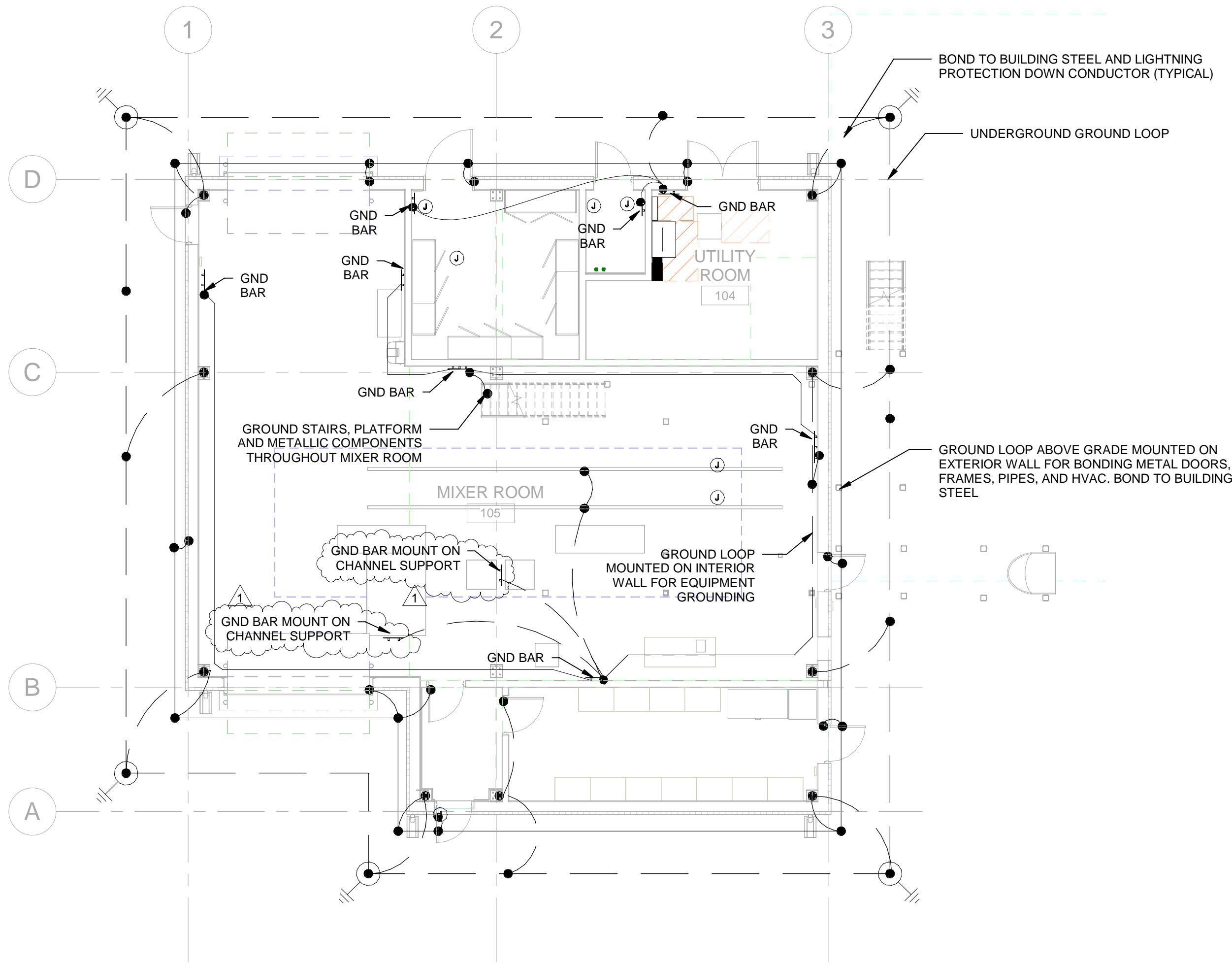


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EG101



**A1** GROUNDING PLAN  
SCALE 1/8" = 1'-0"

## GENERAL SHEET NOTES

- COORDINATE GROUND RING ROUTING WITH OTHER UTILITIES.
- PROVIDE MAGNETIC TAPE OVER ALL BURIED GROUND CONDUCTORS.
- PROVIDE COPPER GROUND RING UNDERGROUND AROUND THE BUILDING BONDED TO THE LIGHTNING PROTECTION SYSTEM DOWN CONDUCTORS AND BUILDING STEEL. PROVIDE A GROUND RING ABOVE GRADE ATTACHED TO THE BUILDING ON INSULATORS AND BOND TO ALL METALLIC MATERIAL INCLUDED METAL BUILDING, DOOR FRAME, DOOR, HVAC EQUIPMENT, HVAC DUCTS, VENT PIPES.
- PROVIDE BURIED GROUNDING CONNECTIONS WITH EXOTHERMIC WELDS.
- DESIGN SHOWN IS DIAGRAMMATIC AND INTENDED TO SHOW THE GROUNDING ELECTRODE SYSTEM. VERIFY THE DIMENSIONS AND SITE CONDITIONS.
- GROUND METALLIC PIPES AT TWO LOCATIONS USING AN APPROVED CLAMP WITHIN 5 FEET OF SERVICE ENTRANCE.
- MAINTAIN RACEWAY ELECTRICAL CONTINUITY. METALLIC CONDUIT, SLEEVES, AND RACEWAYS SHALL NOT BE USED IN LIEU OF CIRCUIT EQUIPMENT GROUNDING CONDUCTORS.
- BOND ALL METALLIC UNDERGROUND PIPING ENTERING THE STRUCTURE TO THE LIGHTNING PROTECTION SYSTEM AT ITS NEAREST POINT USING #6 AWG BARE CU.
- PROVIDE LIGHTNING PROTECTION SYSTEM TO MEET NFPA 780 AND MASTER LABEL CERTIFICATION.

**Jacobs**

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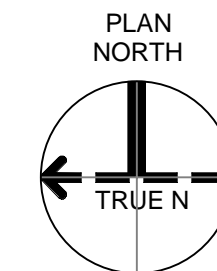


Mixer-Building-1  
Camden OSD  
Calhoun County, Arkansas  
Aerojet Rocketdyne

**Jacobs** **M&B**

ELECTRICAL  
GROUNDING PLAN

## GRAPHIC SCALE(S)



SHEET NO

EG101

SCALE 1/8" = 1'-0"

DATE 09/18/2024

PROJ D3754502

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PLOT DATE/TIME: 10/3/2024 2:25:01 AM