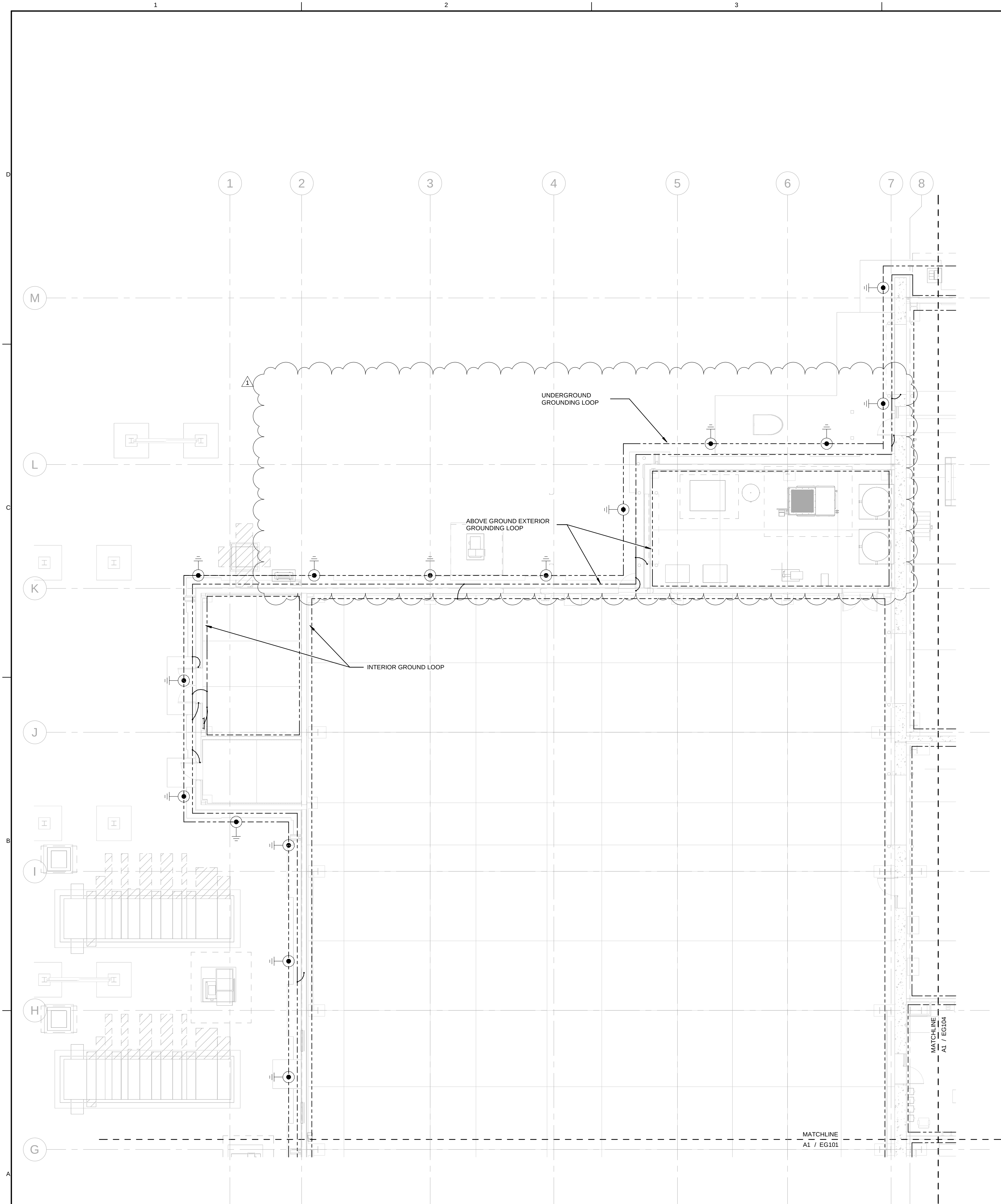
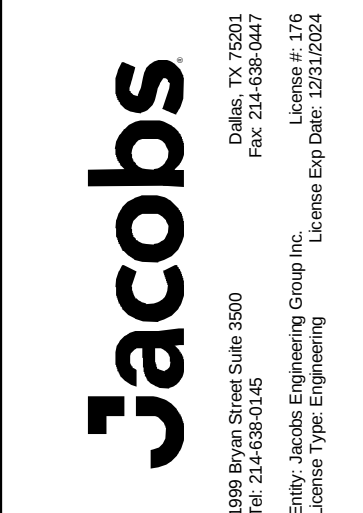




**A1** GROUNDING PLAN - GROUND FLOOR - AREA B  
SCALE 1/8" = 1'-0"

GENERAL SHEET NOTES

- A. REFER TO SHEET E-001 FOR ABBREVIATIONS, LEGENDS, AND SYMBOLS.
- B. DESIGN SHOWN IS DIAGRAMMATIC AND INTENDED TO SHOW THE GROUNDING ELECTRODE SYSTEM. VERIFY DIMENSIONS, SITE CONDITIONS, AND COORDINATE GROUNDING WITH OTHER UTILITIES.
- C. PROVIDE MAGNETIC TAPE OVER ALL BURIED GROUNDING CONDUCTORS.
- D. GROUNDING SYSTEM TO CONSIST OF 3 GROUND LOOPS SCHEMES THAT ARE TO BE INTERCONNECTED. SEE FOLLOWING:  
a. EXTERIOR UNDERGROUND GROUNDING LOOP APPROXIMATELY 3' FROM BUILDING.  
b. EXTERIOR ABOVE GROUND GROUNDING LOOP TO BE MOUNTED ON BUILDING APPROXIMATELY 2' AFG; TO BOND METAL DOORS, METAL WINDOWS, AND METAL UTILITIES.  
c. INTERIOR GROUNDING LOOP TO BE MOUNTED APPROXIMATELY 18' AFF.; TO BOND INTERIOR BUILDING EQUIPMENT.
- E. GROUND METALLIC PIPES AT TWO LOCATIONS USING AN APPROVED CLAMP WITHIN 5 FEET OF SERVICE ENTRANCE.
- F. BOND ALL METALLIC UNDERGROUND PIPING ENTERING THE STRUCTURE TO THE LIGHTNING PROTECTION SYSTEM AT ITS NEAREST POINT.
- G. LIGHTNING PROTECTION SYSTEM IS A DELEGATED DESIGN AND MUST MEET NFPA 780 AND MASTER LABEL CERTIFICATION.



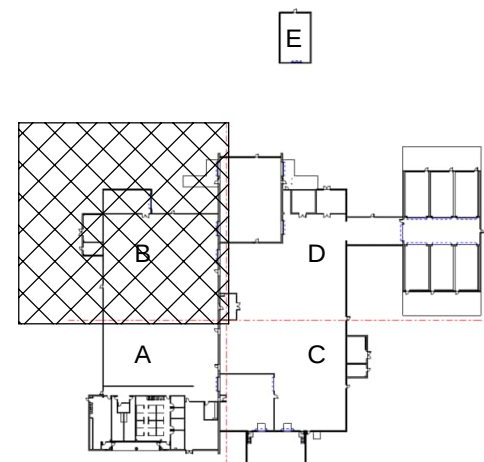
| REVISION |            |     |     | REVISION |            |     |     |
|----------|------------|-----|-----|----------|------------|-----|-----|
| NO.      | DATE       | BY  | CHK | NO.      | DATE       | BY  | CHK |
| 1        | 10/03/2024 | CJA | AM  | 1        | 10/03/2024 | CJA | AM  |
| 0        | 09/18/2024 | CJA | AM  | 0        | 09/18/2024 | CJA | AM  |

GMLRS  
Camden OSD  
Calhoun County, Arkansas  
Aerojet Rocketdyne

ELECTRICAL  
GROUNDING PLAN - AREA B

| SHEET NO |                              |  |  |
|----------|------------------------------|--|--|
| EG102    |                              |  |  |
| SCALE    | As indicated                 |  |  |
| DATE     | 09/18/2024                   |  |  |
| PROJ     | D3754502                     |  |  |
| DWG      | UNDER DESK, SNA, RLS, S10100 |  |  |

KEY PLAN



GRAPHIC SCALE(S)

