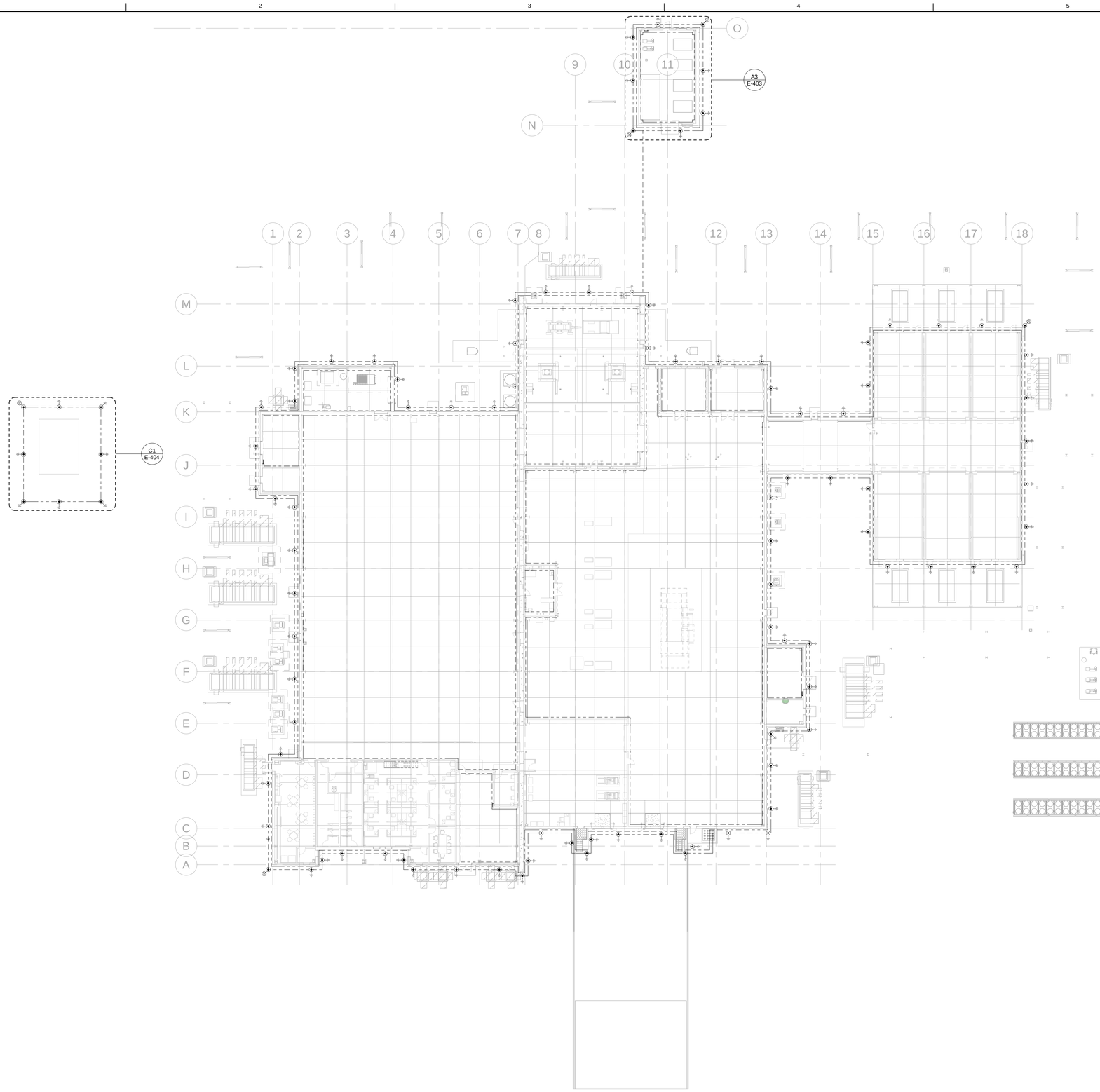
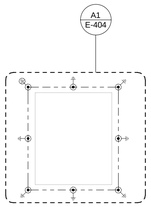




A1 GROUNDING PLAN - GROUND FLOOR - OVERALL
SCALE 1" = 20'-0"

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.

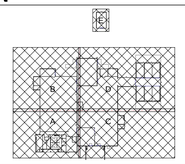
D. GROUNDING SYSTEM TO CONSIST OF 3 GROUND LOOPS SCHEMES THAT ARE TO BE INTERCONNECTED. SEE FOLLOWING:
   a. EXTERIOR UNDERGROUND GROUNDING LOOP APPROXIMATELY 3' FROM BUILDING.
   b. EXTERIOR ABOVE GROUND GROUNDING LOOP TO BE MOUNTED ON BUILDING APPROXIMATELY 2' AFG. TO BOND METAL DOORS, METAL WINDOWS, AND METAL UTILITIES.
   c. INTERIOR GROUDING 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.

KEY PLAN



GRAPHIC SCALE(S)

15' 30' 60' 90'
1" = 30'-0"

PLAN NORTH
TRUE N

NABHOLZ

ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.12803
09-18-2024

Jacobs
1999 Bryan Street Suite 2500
Dallas, TX 75201
Tel +1 214 638 0145
Fax +1 214 638 4447
Entity: Jacobs Engineering Group Inc.
License # 176
License Type: Engineering
License Exp Date: 12/31/2024

NO.	DATE	REVISION	CHK	APVD
0	09/18/2024	100% ISSUED FOR CONSTRUCTION - EXPANSION	CJA	AM

DSGN CJA | DR GN | CHK BM | APVD AM

GMLRS
Camden OSD
Calhoun County, Arkansas
Aerojet Rocketdyne

ELECTRICAL
GROUNDING PLAN
- SITE

SHEET NO
EG100

SCALE	As indicated
DATE	09/18/2024
PROJ	D3754502
DWG	CMDN-OSD_GMLRS_EG100

© Jacobs Solutions 2023. ALL RIGHTS RESERVED.
REUSE OF DOCUMENTS: THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF JACOBS AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF JACOBS.