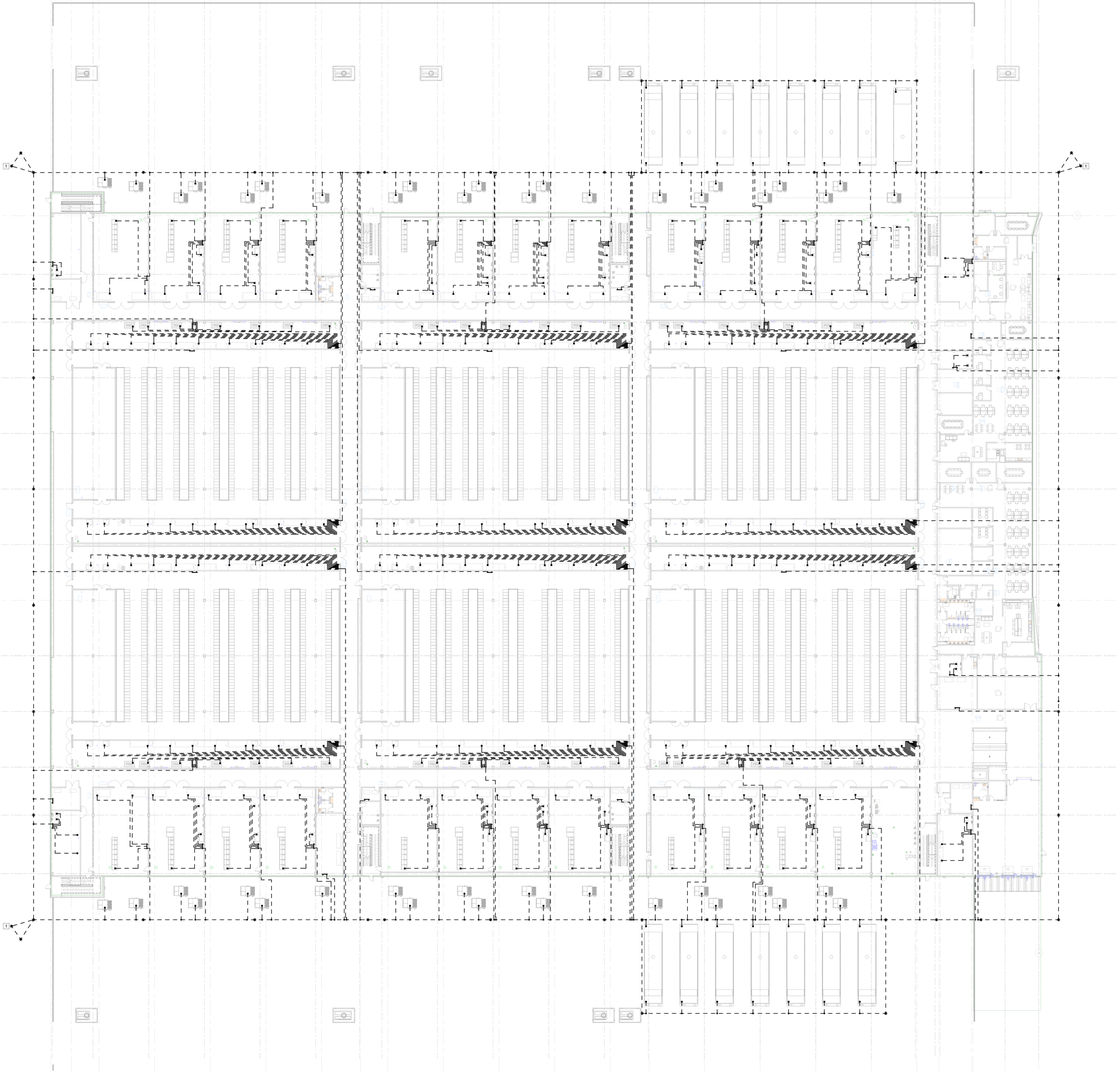

1 LEVEL 1 - GROUNDING PLAN - OVERALL
3/64" = 1'-0"

GENERAL NOTES

1. OVERALL PLAN FOR REFERENCE ONLY. REFER TO SEGMENT SHEETS FOR ADDITIONAL INFORMATION.
2. THE CONTRACTOR SHALL INSTALL ADDITIONAL GROUNDING RODS IF GROUNDING LOOP RESISTANCE IS LOWER THAN THE NEC 250 RECOMMENDATION.
3. ALL GROUND RODS SHALL BE COPPER, 3/4" DIAMETER, 10' LONG AND SPACED NOT MORE THAN 40' ON CENTER. TOP OF RODS SHALL BE A MINIMUM OF 3'-0" BELOW GRADE. RODS SHALL BE PLACED A MINIMUM 6'-0" FROM WALL AND DRIVEN INTO FIRM EARTH. GROUND ROD INSTALLATION SHALL MEET REQUIREMENTS OF ALL LOCAL, CITY, STATE, AND NATIONAL ELECTRICAL CODES.
4. SPLICES AND TAPS TO EXTERNAL BURIED GROUND LOOP MUST BE MADE DIRECTLY TO THE GROUND CONDUCTOR AND SHALL NOT BE MADE TO THE GROUND RODS.
5. GROUND CONDUCTORS SHALL BE A MINIMUM OF (7) STRANDED, BARE COPPER, UON.
6. EXTERIOR BURIED GROUND LOOPS, BONDS BETWEEN EXTERIOR AND INTERIOR GROUND LOOP, AND UNIT BONDS CONNECTED TO THE EXTERIOR BURIED GROUND LOOP SHALL BE MADE WITH BARE STRANDED COPPER.
7. THE CONTRACTOR SHALL BOND ALL PIPING TO GROUND GRID WHERE IT ENTERS THE DATE CENTER FOOTPRINT WITH #2/0 GROUND CONDUCTOR.
8. THE CONTRACTOR SHALL INSTALL FLEXIBLE CONNECTIONS IN RUNS OF CABLES AND CONDUITS WHERE THEY CROSS SEISMIC JOINTS OR ARE SUBJECT TO STRUCTURAL DEFLECTIONS.
9. GROUND CONDUCTORS SHALL BE ROUTED OVERHEAD VIA CONDUIT TO GROUND BARS. CONDUIT SHALL BE FURNISHED WITH GROUND BUSHINGS.

KEYED NOTES

1. PROVIDE (3) 3/4" DIA X 10' LONG COPPER CLAD STEEL GROUND RODS INSTALLED 10' ON CENTER. CONNECT TOGETHER WITH A #4/0 BARE COPPER GROUND CONDUCTOR. PROVIDE (1) TEST WELL AS SHOWN.

serverfarm
CORGAN
TGRWA STRUCTURAL ENGINEERS
kW Mission Critical Engineering Member of WSP
EP ENGINEERING PLUS
Kimley»Horn

ISSUES

1	11/12/2025	CONCEPTUAL DESIGN
2	12/12/2025	SCHEMATIC DESIGN
3	12/17/2025	STEEL MILL ORDER
4	1/23/2026	DESIGN DEVELOPMENT

REVISIONS

kW Mission Critical Engineering
Contact: David Adams Phone: 703.926.0715
Engineer: Matthew Fagert
License #: 123456 Exp. Date: 00/00/0000

NOT FOR CONSTRUCTION

Date: 00/00/0000

SERVERFARM

Clarksville, AR

L	K	J	
G	E	C	A
H	F	D	B
P	N	M	

LEVEL 1 - GROUNDING PLAN - OVERALL

JOB US0049903.5614
SHEET

E03-01

1/23/2026 12:54:50 PM E03-01 LEVEL 1 - GROUNDING PLAN - OVERALL