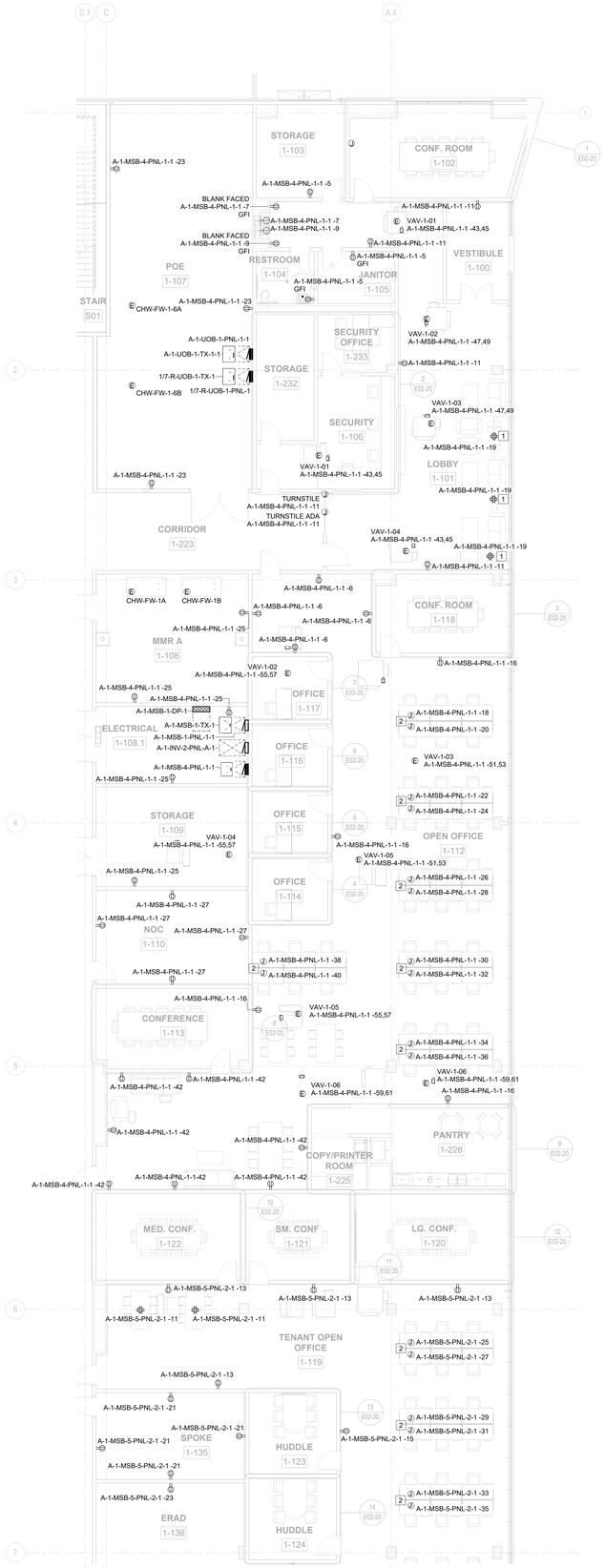

GENERAL NOTES

1. VERIFY EQUIPMENT LOCATIONS AND NAMEPLATE RATINGS FOR OTHER TRADES' EQUIPMENT PRIOR TO START OF ANY INSTALLATIONS.
2. PROVIDE POWER CONDUITS AND WIRING TO ABOVE MENTIONED EQUIPMENT AS REQUIRED.
3. REFERENCE FIRE ALARM SHOP DRAWINGS FOR 120V POWER REQUIREMENTS.
4. COORDINATE MECHANICAL SCP AND LEAK DETECTION PANELS WITH ALL TRADES PRIOR TO ROUGH-IN.
5. COORDINATE NECESSARY CONTROL CONDUITS AND CONDUIT ROUTING WITH CONTROLS CONTRACTOR PRIOR TO BID.
6. WHEN FEASIBLE, DRY TYPE TRANSFORMERS 112.5KVA AND SMALLER SHALL BE HUNG FROM STRUCTURE ABOVE.
7. CONTRACTOR IS RESPONSIBLE TO ARRANGE FOR INSPECTION OF ELECTRICAL EQUIPMENT, INCLUDING CONDUCTOR TERMINATIONS IN PANELS, IN A DE-ENERGIZED CONDITION.
8. INSPECTOR WILL VERIFY TORQUE SPEC ON TRANSFORMERS, BREAKERS, PANELS, AND WIRE CONNECTORS. IF NO MARKINGS ARE PRESENT, USE THE VALUES IN NEC ANNEX I (110.3B, 110.14).
9. ELECTRICAL EQUIPMENT ROOMS CONTAINING GEAR RATED 1200 AMPS OR MORE AND WIDER THAN 6 FT REQUIRE AN EGRESS DOOR AT EACH END OF THE WORKING SPACE. A SINGLE EGRESS DOOR IS ACCEPTABLE (1) WHERE OPPOSITE THE EQUIPMENT AND PROVIDING A CONTINUOUS UNOBSTRUCTED PATH OR (2) WHEN THE DEPTH OF THE REQUIRED WORKING SPACE IS DOUBLED AND THE EQUIPMENT HAS AT LEAST THE WORKING SPACE CLEARANCE FROM THE DOOR.
10. EGRESS DOORS MUST SWING OUTWARD AND BE EQUIPPED WITH LISTED PANIC HARDWARE. THIS RULE APPLIES TO EXISTING INSTALLATIONS WHEN ANY ELECTRICAL WORK IS DONE IN THE EQUIPMENT ROOM.
11. ELECTRICAL EQUIPMENT MUST BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) SUCH AS UL, AND BE INSTALLED AND USED IN ACCORDANCE WITH ANY INSTRUCTIONS INCLUDING IN THE LISTING OR LABELING. [110.3(B)]
12. SWITCHBOARDS, PANEL BOARDS, INDUSTRIAL CONTROL PANELS, AND MOTOR CONTROL CENTERS SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ARC FLASH HAZARDS PER NEC 110.16 & NFPA 70E.
13. EQUIPMENT THAT IS PACKAGED ASSEMBLY THAT DOES NOT BEAR OVERALL LISTING AND LABELING AS A COMPLETE UNIT MUST BE INSPECTED IN THE SAME MANNER AS ANY OTHER EQUIPMENT, INCLUDING BUT NOT LIMITED TO TORQUE TESTING OF TERMINALS, ALL REQUIRED WARNING LABELS AND DIRECTORIES, AND SEISMIC ANCHORING.
14. WHERE MORE THAN ONE NOMINAL VOLTAGE SYSTEM EXIST, UNGROUNDED CONDUCTORS SHALL BE IDENTIFIED BY THE SYSTEM AND THE MEANS OF IDENTIFICATION SHALL BE POSTED AT EACH BRANCH CIRCUIT OR FEEDER PANEL BOARD OR SIMILAR BRANCH CIRCUIT OR FEEDER DISTRIBUTION EQUIPMENT. (NEC 210.5 & 215.112)
15. REMOTE DISCONNECTING MEANS FOR TRANSFORMERS, OTHER THAN CLASS 2 AND CLASS 3, SHALL BE LOCKABLE PER NEC 110.25 AND LOCATION SHALL BE FIELD MARKED ON THE TRANSFORMER.
16. **REFER TO SHEET E05-01 FOR ALL MECHANICAL EQUIPMENT CIRCUITING INFORMATIONS**

KEYED NOTES

1. FLUSH FLOOR BOX. PROVIDE LEGRAND EFBFF FLOOR BOX RECESSED IN FLOOR FOR POWER AND DATA, WITH TWO (2) DUPLEX RECEPTACLES. REFER TO TELECOM DRAWINGS FOR LOW VOLTAGE FACEPLATE/JACK REQUIREMENTS. COORDINATE FINAL LOCATION WITH ARCHITECT. COORDINATE COVER SELECTION WITH ARCHITECT DURING SUBMITTAL PROCESS.
2. FLUSH FLOOR BOX. PROVIDE LEGRAND EFBFF FLOOR BOX RECESSED IN FLOOR FOR POWER AND DATA INCOMING TO THE FURNITURE. REFER TO TELECOM DRAWINGS FOR LOW VOLTAGE REQUIREMENTS. COORDINATE FINAL LOCATION WITH SYSTEM FURNITURE APPROVED SUBMITTAL. COORDINATE COVER SELECTION WITH ARCHITECT DURING SUBMITTAL PROCESS.

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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 - POWER PLAN - SEGMENT A

JOB US0049903.5614
SHEET

E02-01A

1/23/2026 3:57:05 PM E02-01A LEVEL 1 - POWER PLAN - SEGMENT A