

	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
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NOT FOR CONSTRUCTION

Clarksville, AR

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

LEVEL 2 - POWER
PLAN - SEGMENT
B

JOB US0049903.5614
SHEET

E02-02B

- ## 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.
 3. REFERENCE FIRE ALARM SHOP DRAWINGS FOR 120V POWER REQUIREMENTS.
 4. COORDINATE MECHANICAL SPC AND LEAK DETECTION PANELS WITH ALL TRADES PRIOR TO ROUGH-IN.
 5. COORDINATE NECESSARY CONTROL CONDUITS AND CONDUIT RAYS WITH ALL TRADES PRIOR TO THE INSTALL PRIOR TO BID.
 6. WHEN FEASIBLE, DRY TYPE TRANSFORMERS 125KVA AND SMALLER SHALL BE HUNG FROM STRUCTURE ABOVE.
 7. CONTRACTOR IS RESPONSIBLE TO ARRANGE FOR THE INSTALLATION OF ELECTRICAL EQUIPMENT, INCLUDING CONDUIT, MINIMUMS IN PANELS, IN A D.E. EMERGENCY CONDITION.
 8. INSPECTOR WILL VERIFY TROUBLE SPEC ON MOUNTING BRACKET OR CONDUIT RAY. IF THE INSPECTOR HAS NO MARKINGS ARE PRESENT, USE THE VALUES IN NEC ANNEX I (110.36, 110.14).
 9. ELECTRICAL EQUIPMENT ROOMS CONTAINING GEAR RATED 125KVA OR GREATER SHALL BE 8 FT OR MORE CLEARANCE AN EGRESS DOOR AT EACH END OF THE ROOM. THE DOOR SHALL BE OPENED TO AN ACCEPTABLE (1) WHERE OPPOSITE THE EQUIPMENT IS LOCATED, OR (2) WHERE 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 KEPT OPEN BY A LATCHING 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 OR LABELS LISTED ON THE EQUIPMENT. (110.30B)
 12. SWITCHBOARDS, PANEL BOARDS, INDUSTRIAL CONTROL PANELS, AND MOTOR CONTROL SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONNEL OF ELECTRICAL AND FLASH HAZARDS PER NEC 110.16 AND NFPA 70E.
 13. EQUIPMENT THAT IS PACKAGED ASSEMBLY THAT DOES NOT HAVE A WARNING LABEL SHALL BE FIELD MARKED TO NOT BE LIMITED TO BE INSPECTED IN THE SAME MANNER AS OTHER EQUIPMENT, INCLUDING BUT NOT COMPLETE TO TORQUE TESTING OF EQUIPMENT. REQUIRED WARNING LABELS AND DIRECTIONS, AND REQUIRED MARKING.
 14. WHERE MORE THAN ONE NOMINAL VOLTAGE SYSTEM EXISTS, UNGROUNDED CONDUITS SHALL BE IDENTIFIED BY COLOR OR BY A LABEL OR IDENTIFICATION SHALL BE POSTED AT EACH BRANCH POINT OR FEEDER PANEL BOARD. SIMILAR BRANCH OR FEEDER PANEL BOARD IDENTIFICATION. (NEC 210.58 AND 215.12B)
 15. REMOVE DISCONNECTING MEANS FOR ALL 120V, 208V, 240V, 480V, 600V AND OTHER VOLTAGES AND CLASS 3, SHALL BE LOCKABLE PER NEC 110.26 AND LOCATION PER NFPA 70E. REMOVED MEANS SHALL BE REMOVED BY THE CONTRACTOR.
 16. REFER TO SHEET 69-01 FOR ALL MECHANICAL EQUIPMENT CIRCUITING INFORMATIONS.