

		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

[illegible]

kW Mission Critical Engineering
Contact: David Adams Phone: 703.928.0715
Engineer: Matthew Fagert
License #: 123456 Exp. Date: 00/00/0000

NOT FOR CONSTRUCTION

Clarksville, AR

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

LEVEL 1 - POWER
PLAN - SEGMENT
P

JOB US0049903.5614
SHEET

E02-01P

- ## GENERAL NOTES
1. VERIFY EQUIPMENT, ITS LOCATIONS AND NAMEPLATE RATINGS FOR OTHER TRADES EQUIPMENT PRIOR TO START OF ANY INSTALLATIONS.
 2. PROVIDE POWER CONDUITS AND WIRING TO ABOVE MINIMUMS.
 3. REFERENCE FIRE ALARM SHOP DRAWINGS FOR 120V POWER REQUIREMENTS
 4. COORDINATE MECHANICAL SCOP AND LEAK DETECTION PANELS WITH ALL TRADES PRIOR TO ROUGH-IN
 5. COORDINATE NECESSARY CONTROL CONDUITS AND CONDUIT SCHEDULING WITH CONTROLS CONTRACTOR PRIOR TO BID
 6. WHEN FEASIBLE, DRY TYPE TRANSFORMERS 125.2KVA AND SMALLER SHALL BE HUNG FROM STRUCTURE ABOVE
 7. CONTRACTOR IS RESPONSIBLE TO ARRANGE FOR INSPECTION OF ELECTRICAL EQUIPMENT, INCLUDING CONDUIT COMMONS IN PANELS, IN A DGE ENERGIZED CONDITION.
 8. INSPECTOR WILL VERIFY TORQUE SPEC ON DOWNSIDE OF ALL BRANCH HANGERS AND WIRE CONNECTORS IF NO MARKINGS ARE PRESENT, USE THE VALUES IN NEC ANNEX C (110.38, 10.14)
 9. ELECTRICAL EQUIPMENT CONTAINING GEAR RATED 100 AMP OR MORE SHALL BE MORE THAN 6 FT. REQUIRE AN EGRESS DOOR AT EACH END OF THE EQUIPMENT. A SECOND DOOR IS UNNECESSARY IF ACCEPTABLE (1) WHERE OPPOSITE THE EQUIPMENT IS LOCATED, AND UNNECESSARY IF UNSTRUCTURED OR (2) WHEN THE DEPTH OF THE REQUIRED WORK 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 AT ALL TIMES. CONTRACTOR SHALL BE AVAILABLE 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 (UL, ETC.) AND UNLESS OTHERWISE USED IN ACCORDANCE WITH ANY INSTRUCTIONS FROM THE LISTING AGENCY (UL 110.38)
 12. SWITCHBOARDS, PANEL BOARDS, INDUSTRIAL CONTROL PANELS, AND MOTOR CONTROL CENTER SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONNEL OF DANGER OF ARC FLASH HAZARDS PER NEC 110.6 AND NFPA 70E.
 13. EQUIPMENT THAT IS PACKAGED ASSEMBLY THAT DOES NOT HAVE A LISTING OR LABEL SHALL BE FIELD MARKED COMPLETE UNITS MUST BE INSPECTED IN THE SAME MANNER AS OTHER EQUIPMENT. CONTRACTOR SHALL NOT BE LIMITED TO TORQUE TESTING OF TERMINALS, ALL REQUIRE WARNING LABELS AND DIRECTIONS, AND MARKING.
 14. WHERE MORE THAN ONE NOMINAL VOLTAGE SYSTEM EXISTS UNGROUNDED CONDUCTORS SHALL BE IDENTIFIED BY THE CONTRACTOR. A FIELD IDENTIFICATION SHEET BE POSTED AT EACH BRANCH CIRCUIT OR POWER DISTRIBUTION POINT, AND BRANCH CIRCUIT OR FEEDER DISTRIBUTION (NEC 210.5 AND 215.12)
 15. REMOTE DISCONNECTING MEANS FOR 150V AND ABOVE, OTHER THAN CLASS 2 AND CLASS 3, SHALL BE LOCKABLE PER NEC 110.25 AND LOCATION SHALL BE FIELD MARKED BY THE CONTRACTOR.
 16. REFER TO SHEET E06-01 FOR ALL MECHANICAL EQUIPMENT CIRCUITING INFORMATIONS