



**GENERAL NOTES**

- REFER TO E00-01 FOR LINE TYPE LEGEND.
- REFER TO THE E00-03 SERIES DRAWINGS FOR EQUIPMENT LOCATIONS.
- CIRCUIT BREAKERS ARE 3P, 100% RATED WITH LSI TRIP UNITS UNLESS NOTED OTHERWISE.
- EQUIPMENT IN PRE-PURCHASE MATRIX IS FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR. MATERIALS (CABLE, RACEWAY, ETC.) REQUIRED FOR INSTALLATION AND CONNECTION OF PRE-PURCHASED EQUIPMENT IS BY CONTRACTOR UNLESS OTHERWISE NOTED. ANY EQUIPMENT NOT IN THE MATRIX AND NOT SPECIFICALLY CALLED OUT AS BEING OWNERS FURNISHED SHALL BE FURNISHED AND INSTALLED COMPLETE BY THE CONTRACTOR.
- THE ROUTING OF THIS CABLE SHALL BE HEAT AND A PLAN SHALL BE PRESENTED TO THE OWNER AND ENGINEER DETAILING PROPOSED ROUTING FOR APPROVAL PRIOR TO BEGINNING THIS WORK.
- ENGINEER SHALL PROVIDE ELECTRICAL CONTRACTOR A SPREADSHEET PRIOR TO COMMISSIONING WITH A LIST OF ALL THE CIRCUIT BREAKER TYPES AND PLUGS USED TO CONSTRUCT THE MODEL. FOR THE COORDINATION STUDY. ELECTRICAL CONTRACTOR SHALL TAKE SPREADSHEET INTO THE FIELD AND VERIFY EACH BREAKER IN SHEET MATCHES WHAT IS INSTALLED. PROVIDE LIST OF DISCREPANCIES, IF ANY, TO THE ENGINEER WITHIN 3 WORKING DAYS OF RECEIPT OF DOCUMENT.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE SET OF AS-BUILT FEEDER CONFIGURATIONS AND LENGTHS TO THE ENGINEER FOR USE IN THE SHORT CIRCUIT AND ARC FLASH STUDIES. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- REFER TO OWNER FURNISHED EQUIPMENT SCHEDULE AND FEEDER SCHEDULES FOR ADDITIONAL INFORMATION.
- ONE-LINE DIAGRAM IS SHOWING THE HYPOTHETICAL MAXIMUM OF (6) ELECTRICAL BLOCKS FOR THE BUILDING. FINAL QUANTITY OF BLOCKS WILL DEPEND ON SELECTED TOPOLOGY OR TOPOLOGIES.

**KEYED NOTES**

- ELECTRICAL CONTRACTOR SHALL PROVIDE (3) FAULT INDICATORS AT LOCATION INDICATED. FAULT INDICATORS SHALL BE COMPATIBLE WITH THE CONDUCTOR SIZE AT THE INPUT. SWITCHES OF EACH TRANSFORMER. FAULT INDICATORS SHALL BE COOPER POWER SERIES TYPE S T A R CURRENT RESET FAULTED CIRCUIT INDICATORS, NO EXCEPTIONS.
- PROVIDE MOTOR OPERATOR ON THIS WAY. SWITCH POSITION SERVES AS LOOP SECTIONALIZING POINT FOR TRANSFORMER STRING. MOTOR OPERATOR SHALL INTERLOCK WITH FEEDER PROTECTION RELAY VIA TRANSFER INHIBIT SCHEME. TRANSFER INHIBIT LOGIC SHALL PREVENT PARALLEL OPERATION OF PRIMARY CIRCUITS. RELAY PERMISSIVE REQUIRED PRIOR TO MOTOR OPERATOR ACTUATION. MV LOOP CONFIGURATION LIMITED TO ONE STRING OF (4) AND ONE STRING OF (3) TRANSFORMERS PER PRIMARY CIRCUIT TO PREVENT OVERLOADING OF RESERVE CIRCUIT DURING 1+1 TRANSFER (1-TO-MAKE-6 CONFIGURATION).
- PROVIDE MOTOR OPERATOR ON THIS WAY. ADMIN TRANSFORMER (2.5 MW) SHALL RESIDE ON RESERVE CIRCUIT UNDER NORMAL OPERATION. PRIMARY BLOCK #1 SHALL SERVE AS BACKUP SOURCE FOR ADMIN LOAD. MOTOR OPERATOR SHALL INTERLOCK WITH FEEDER PROTECTION RELAY VIA TRANSFER INHIBIT SCHEME. TO COORDINATE TRANSFER BETWEEN RESERVE AND PRIMARY #1. ADMIN LOAD SHALL REMAIN ON BLOOM CIRCUIT AT ALL TIMES TO MAINTAIN MINIMUM LOAD THRESHOLD REQUIREMENTS. New Keynote 7

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**ISSUES**

NO.	DATE	DESCRIPTION
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**

NO.	DATE	DESCRIPTION

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**NOT FOR CONSTRUCTION**

Date: 00/00/0000

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