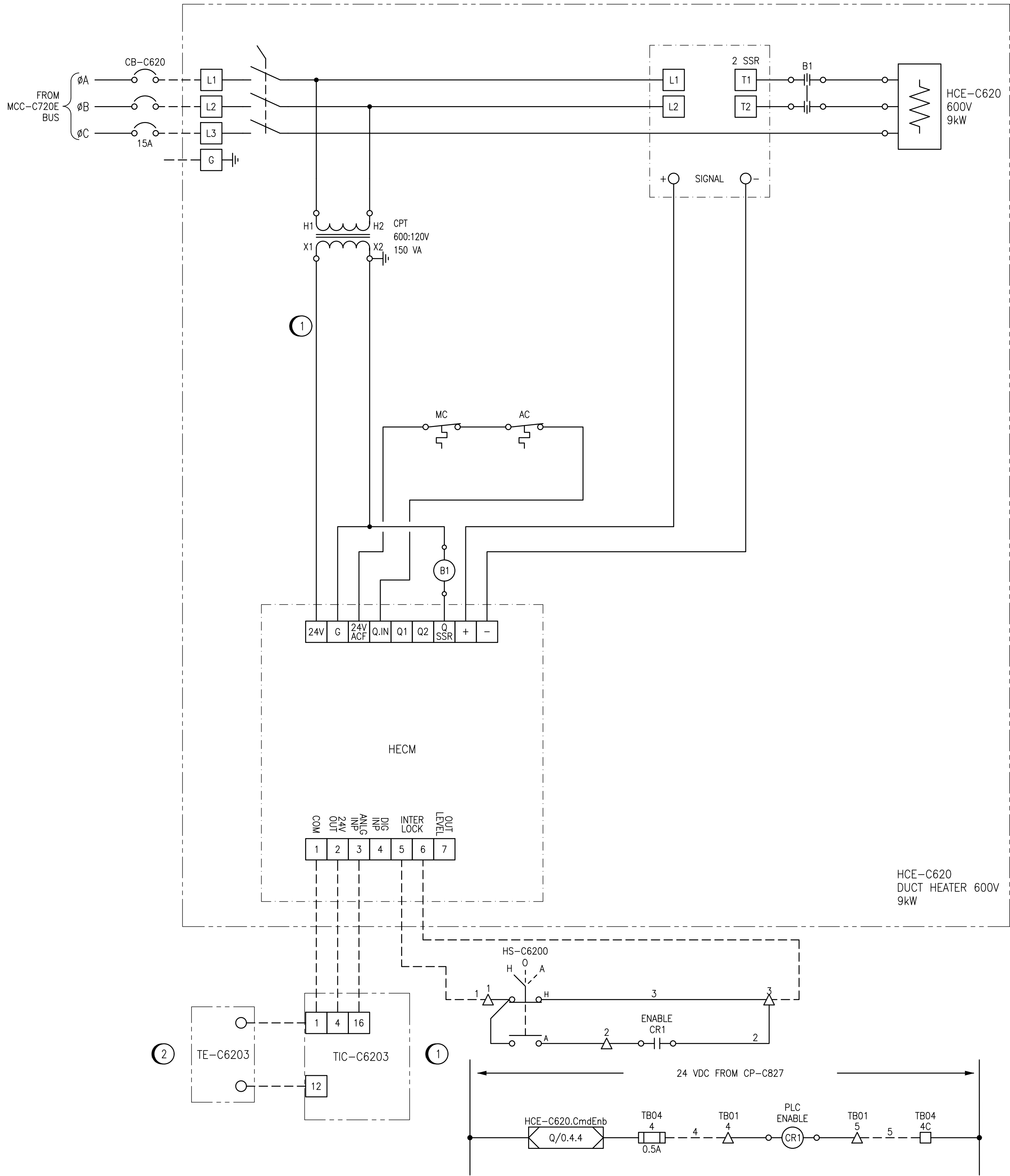
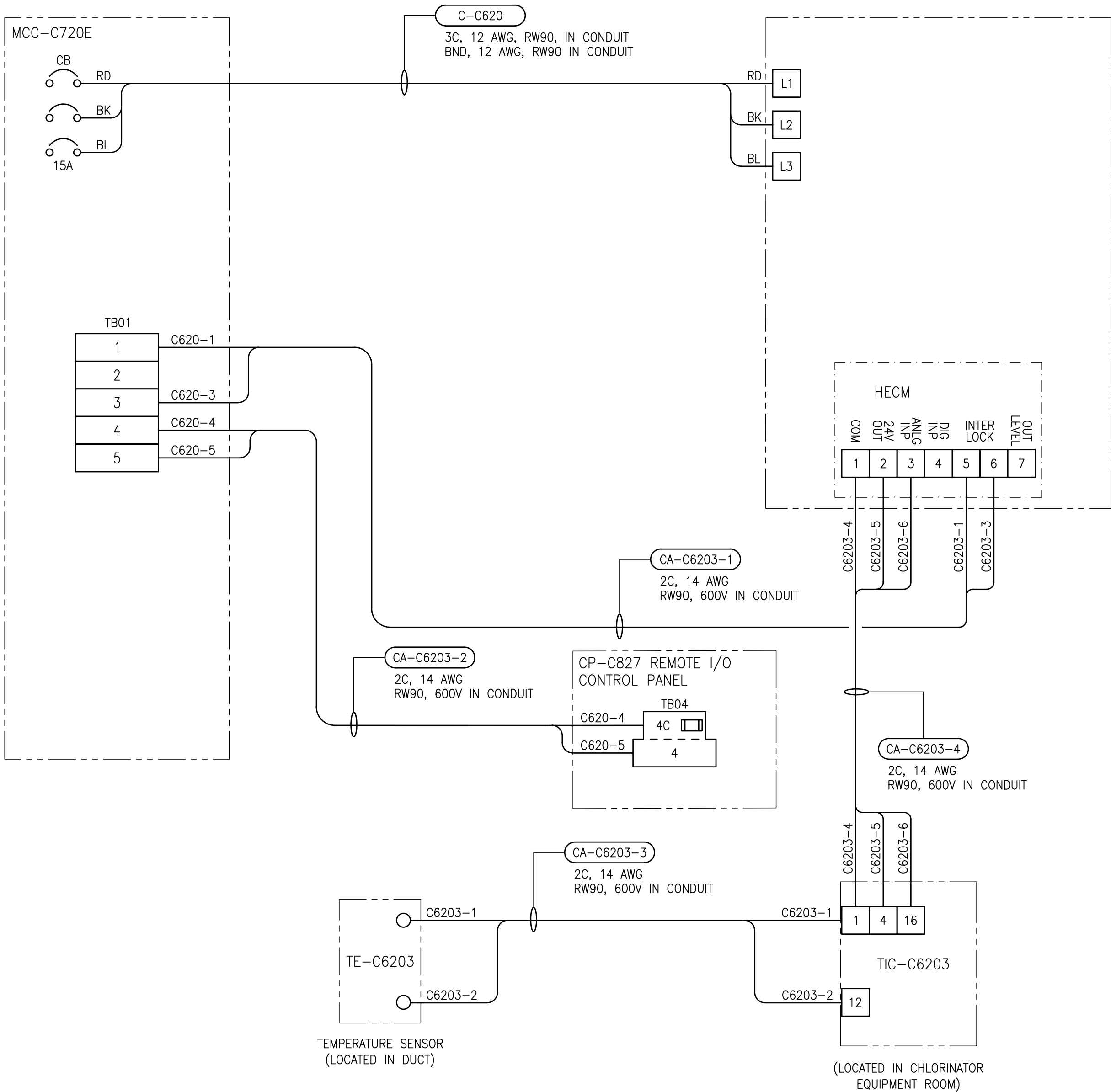


ELEMENTARY DIAGRAM:



FIELD CONNECTION DIAGRAM:



GENERAL NOTES:

- ALL CONNECTIONS FOR POWER AND CONTROLS ARE TO BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. REVIEW REQUIREMENTS ON SHOP DRAWINGS. CONTRACTOR TO VERIFY ALL CONNECTIONS WITH MANUFACTURER AND PROVIDE ALL REQUIRED EQUIPMENT, INCLUDING ANY EQUIPMENT NOT SHOWN ON DRAWING.
- ALL EQUIPMENT, CONDUIT AND CABLING SHOWN IS NEW AND SHALL BE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- CONTRACTOR TO PROVIDE NEW BUCKET LOCATED IN MCC-C720E FOR HEATER FEEDER AND CONTROL AS OUTLINED IN THE SCHEMATIC.
- SELECT EXTERNAL TEMPERATURE SENSOR SETTING.

CONSTRUCTION NOTES:

- THERMOSTAT TIC-C6203 IS A NEPTRONIC MODEL NO. TR024-EXT1.
- TEMPERATURE SENSOR TE-C6203 IS A NEPTRONIC MODEL NO. STC8-11.

LEGEND:

- CONTACTOR COIL
- MANUAL CUTOUT
- AUTOMATIC CUTOUT
- MCC TERMINALS

1-0640C-A0007-001	PANEL CP-C827, DISCRETE OUTPUTS RACK 0, MODULE 4
1-0640C-A0004-001	REMOTE I/O PANEL, CONTROL PANEL CP-C827
1-0640C-A0003-001	REMOTE I/O PANEL LAYOUT, CONTROL PANEL CP-827
1-0640C-E0003-001	SINGLE LINE DIAGRAM, MCC-C710/MCC-C720E

DRAWING NUMBER REFERENCE DRAWINGS



DESIGNED BY:	V. ELIMBAN	CHECKED BY:	V. ELIMBAN
DRAWN BY:	A. NADRES	APPROVED BY:	V. ELIMBAN
SCALE:	NTS	ISSUED FOR CONSTRUCTION BY:	M. SKINNER
DATE:	2024/02/02	DATE:	2025/04/30
ISSUED FOR TENDER AND CONSTRUCTION	2025/04/30	VE	VE
NO. REVISIONS	DATE	DESIGN	CHECK



CONSULTANT NO.:	
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ENGINEER'S SEAL



MCPHILLIPS PUMPING STATION
CHLORINE SYSTEM UPGRADES
STARTER SCHEMATIC / FIELD WIRING DIAGRAM
HEATER HCE-C620
CHLORINATOR EQUIPMENT ROOM

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0640C-E0022	001	00	A1