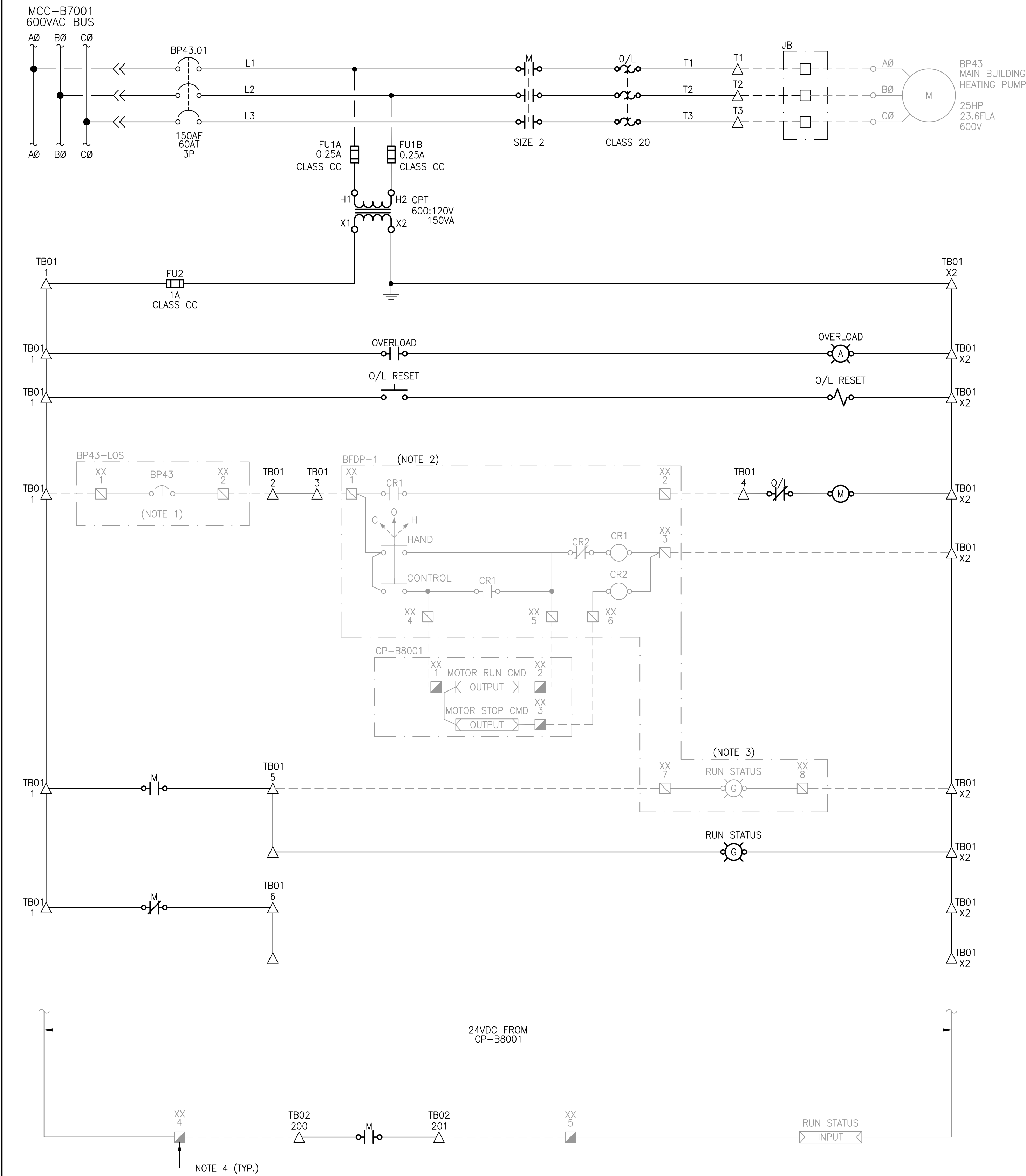
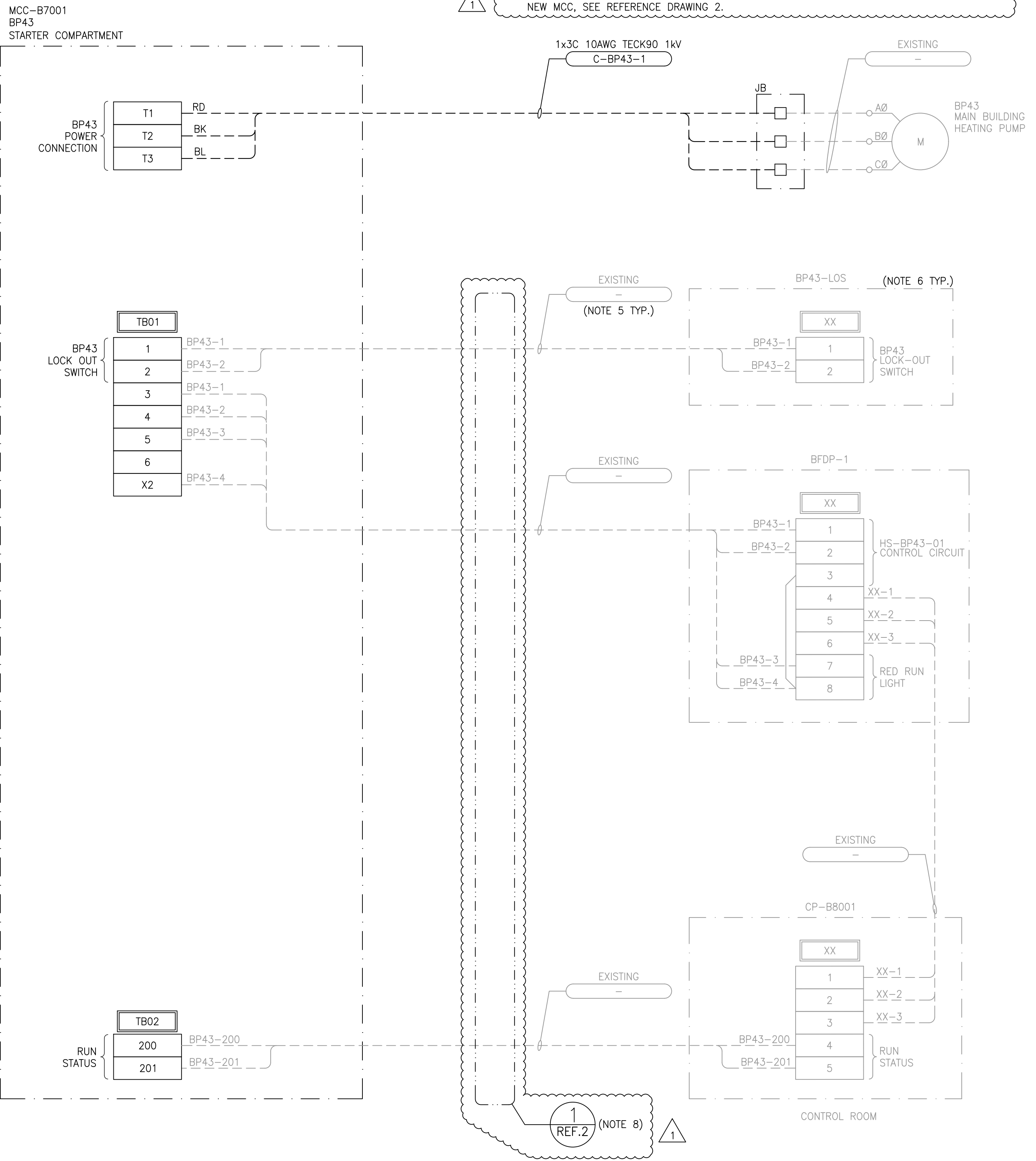


ELEMENTARY DIAGRAM:



FIELD CONNECTION DIAGRAM:



GENERAL NOTES:

- LOCK-OUT SWITCH LOCATED AT MOTOR.
- EXISTING HAND AND CONTROL CONTACTS AT LOCAL CONTROL PANEL.
- CITY OF WINNIPEG COLOUR CONVENTION REQUIRES GREEN RUN INDICATOR. EXISTING LIGHT PREDATES THE CURRENT CONVENTION.
- TO PLC DISCRETE INPUT. TERMINAL BLOCK NUMBERS TO COORDINATE WITH DCS MIGRATION PROJECT.
- PRIOR TO DEMOLITION FIELD CABLE TAGS TO BE VERIFIED BY CONTRACTOR DURING INSTALLATION.
- PRIOR TO DEMOLITION LOCAL CONTROL PANEL TERMINALS TO BE VERIFIED BY CONTRACTOR DURING INSTALLATION.
- GREY LINETYPE DENOTES EXISTING. ENGINEER'S SEAL APPLIES TO NEW WORKS ONLY.
- WHERE FIELD CONDITIONS NECESSITATE AN EXTENSION TO EXISTING CABLES IN ORDER TO REACH NEW MCC, SEE REFERENCE DRAWING 2.

10	-	-
9	-	-
8	-	-
7	-	-
6	-	-
5	-	-
4	-	-
3	-	-
2	1-0101-EMCL-B034-001	ELECTRICAL - SCHEMATIC WIRING DIAGRAM DETAILS - TYPICAL EXISTING WIRING
1	1-0101-ESLD-B001-001	ELECTRICAL - MCC-B7001 SINGLE LINE DIAGRAM
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
REFERENCE DRAWINGS		



B.M. ELEV.			
CONSTRUCTION COMPLETION DATE: YYYY MM DD			
1	RE-ISSUED FOR CONSTRUCTION	2025 04 30	
0	ISSUED FOR CONSTRUCTION	2025 03 25	CLR
NO.	REVISIONS	DATE	BY

KGS GROUP			
DESIGNED BY	AMS	CHECKED BY	CLR
DRAWN BY	FA	APPROVED BY	CLR
SCALE:	N.T.S.		
DATE	2025 03 26	DATE	

ENGINEER'S SEAL	
CONSULTANT DRAWING NUMBER	
23-0107-010_PB_E2-20	

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION	
NORTH END SEWAGE TREATMENT PLANT (NEWPCC) BACKUP BOILER SYSTEM AREA B - BOILER ROOM	
ELECTRICAL SCHEMATIC WIRING DIAGRAM - BP43 MAIN BUILDING HEATING PUMP	
CITY DRAWING NUMBER	1-0101-EMCL-B020-001
SHEET	1 OF 1

PLOT DATE: 2025 04 30

BID OPPORTUNITY: 277-2025

CONTRACT NUMBER:

FILE PATH: R:\Projects\2023\23-0107-010\Draw\Elec\2_PermBoiler\

FILE NAME: 1-0101-EMCL-B020-001.DWG