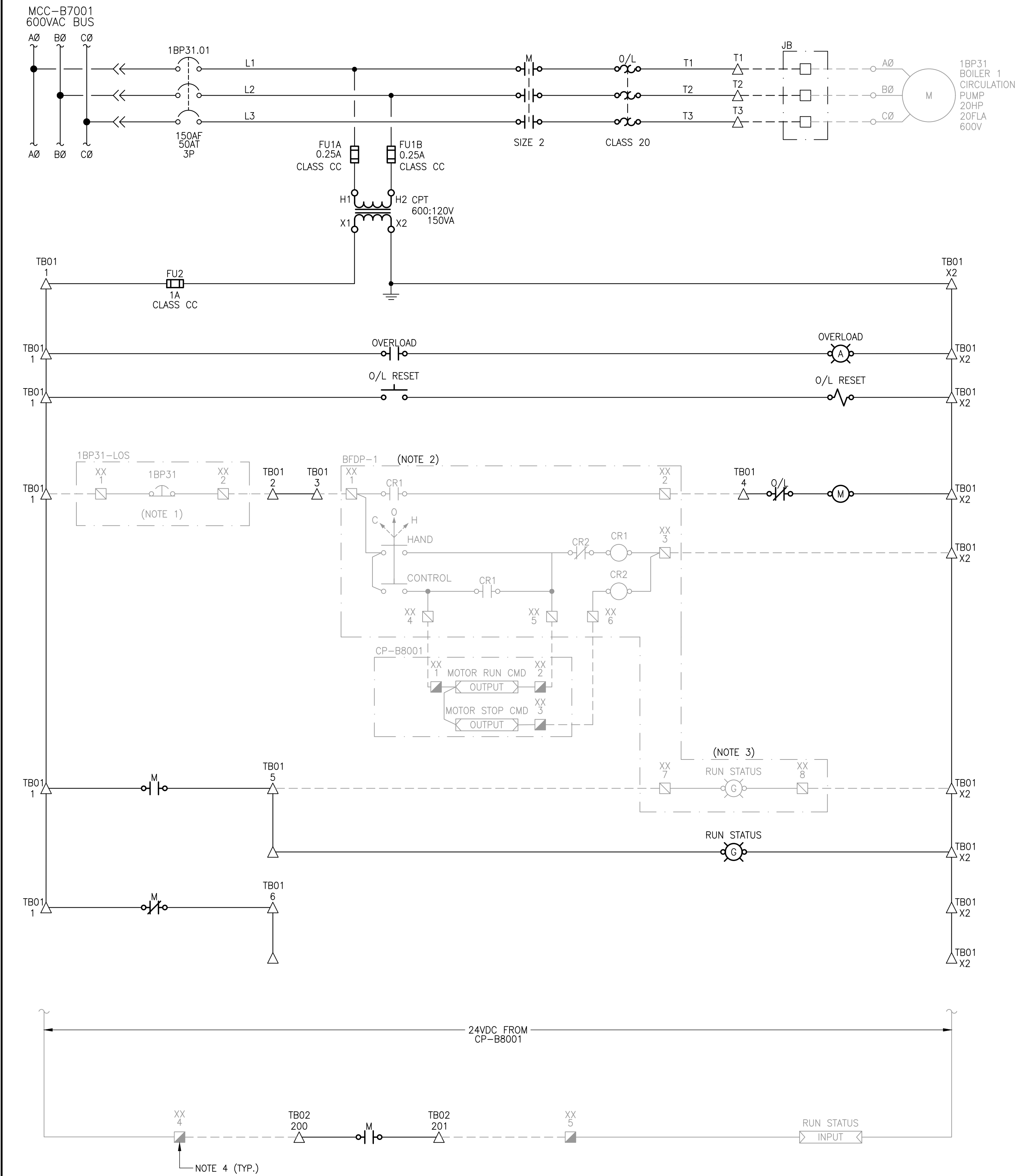
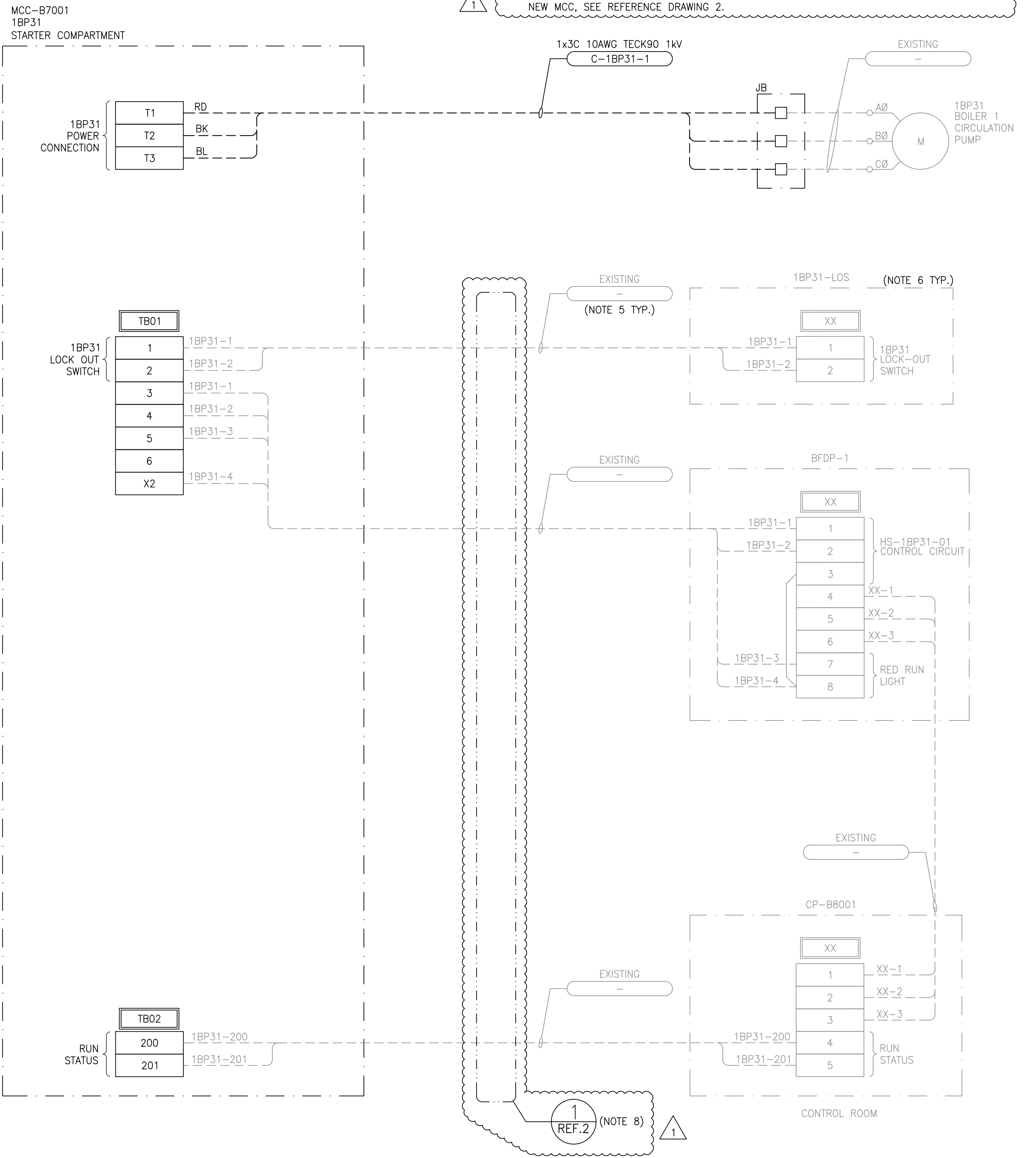


ELEMENTARY DIAGRAM:



FIELD CONNECTION DIAGRAM:



GENERAL NOTES:

1. LOCK-OUT SWITCH LOCATED AT MOTOR.
2. EXISTING HAND AND CONTROL CONTACTS AT LOCAL CONTROL PANEL.
3. CITY OF WINNIPEG COLOUR CONVENTION REQUIRES GREEN RUN INDICATOR. EXISTING LIGHT PREDATES THE CURRENT CONVENTION.
4. TO PLC DISCRETE INPUT. TERMINAL BLOCK NUMBERS TO COORDINATE WITH DCS MIGRATION PROJECT.
5. PRIOR TO DEMOLITION FIELD CABLE TAGS TO BE VERIFIED BY CONTRACTOR DURING INSTALLATION.
6. PRIOR TO DEMOLITION LOCAL CONTROL PANEL TERMINALS TO BE VERIFIED BY CONTRACTOR DURING INSTALLATION.
7. GREY LINETYPE DENOTES EXISTING. ENGINEER'S SEAL APPLIES TO NEW WORKS ONLY.
8. 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_E2-08	

THE CITY OF WINNIPEG	
WATER AND WASTE DEPARTMENT	
ENGINEERING DIVISION	
NORTH END SEWAGE TREATMENT PLANT (NEWPC)	
BACKUP BOILER SYSTEM	
AREA B - BOILER ROOM	
ELECTRICAL	
SCHEMATIC WIRING DIAGRAM - 1BP31 BOILER 1 CIRCULATION PUMP	
CITY DRAWING NUMBER	1-0101-EMCL-B008-001
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-B008-001.DWG