

[illegible][illegible]

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.

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2	1-0101-EMCL-B034-001	ELECTRICAL – SCHEMATIC WIRING DIAGRAM DETAILS – TYPICAL EXISTING WIRING
1	1-0101-ESLD-B002-001	ELECTRICAL – MCC-B7002 SINGLE LINE DIAGRAM
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
REFERENCE DRAWINGS		


**ES ENGINEERS
GEOSCIENTISTS
MANITOBA**

Certificate of Authorization


KGS Group

No. 245

[illegible]

		DESIGNED BY	AMS	CHECKED BY	CLR
		DRAWN BY	FA	APPROVED BY	CLR
		SCALE:	N.T.S.	RELEASED FOR CONSTRUCTION	
		DATE:	2025 03 26	DATE:	

ENGINEER'S SEAL
CONSULTANT DRAWING NUMBER
23-0107-010_PB_E2-30

	<h1 style="text-align: center;">THE CITY OF WINNIPEG</h1>		
	<h2 style="text-align: center;">WATER AND WASTE DEPARTMENT</h2>		
	<h3 style="text-align: center;">ENGINEERING DIVISION</h3>		
	<h4 style="text-align: center;">NORTH END SEWAGE TREATMENT PLANT (NEWPCC)</h4>		
<h4 style="text-align: center;">BACKUP BOILER SYSTEM</h4>			
<h4 style="text-align: center;">AREA B – BOILER ROOM</h4>			
<h4 style="text-align: center;">ELECTRICAL</h4>			
<h4 style="text-align: center;">SCHEMATIC WIRING DIAGRAM – 2BP34 BOILER 4 CIRCULATION PUMP</h4>			
CITY DRAWING NUMBER	1-0101-EMCL-B030-001		SHEET 1 OF 1