GENERAL NOTES:

1. ALL 120VAC POWER WIRING TO BE A MINIMUM OF #12AWG UNLESS OTHERWISE NOTED.
2. SHALL BE FAST BLOW FUSE, MAXIMUM OF 6.3A AS PER PLC MANUFACTURER DISCRETE OUTPUT CARD SPECIFICATIONS.
3. SHALL BE FAST BLOW FUSE, MAXIMUM OF 0.5A AS PER PLC MANUFACTURER DISCRETE INPUT CARD SPECIFICATIONS.

24 VDC EQUIPMENT POWER SCHEMATIC

24 VDC PLC-L81 CARD POWER SCHEMATIC

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10	–	–
9	–	–
8	–	–
7	–	–
6	–	–
5	–	–
4	–	–
3	–	–
2	1-0162L-A0006-001	AUTOMATION POWER DISTRIBUTION SCHEMATIC PLC CONTROL PANEL CP-L81
1	1-0162L-A0004-001	AUTOMATION PANEL LAYOUT & BILL OF MATERIALS PLC CONTROL PANEL CP-L81

REFERENCE DRAWINGS

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

B.M.
ELEV.

NO.	REVISIONS	DATE (YYYY/MM/DD)	BY
0	ISSUED FOR CONSTRUCTION	2023 03 24	DDW

KGS GROUP

DESIGNED BY: A. NIRMAL
CHECKED BY: DDW
DRAWN BY: R. GASPAR
APPROVED BY: DDW
SCALE: HORIZONTAL NTS, VERTICAL NTS
RELEASED FOR CONSTRUCTION
DATE: 2022/11/09
DATE
PLOT DATE: 2023 03 23

ENGINEER'S SEAL
PROVINCE OF MANITOBA
D. WILSON
Member
22552
2023-03-23
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
22-0107-004-A06.02

BID OPPORTUNITY: 864-2022

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

METCALFE LIFT PUMPING STATION
2022 UPGRADES
AUTOMATION

POWER DISTRIBUTION SCHEMATIC
PLC CONTROL PANEL CP-L81

CITY DRAWING NUMBER: 1-0162L-A0006-002
SHEET 11 OF 109

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FILE NAME: 1-0162L-A0006-002.dwg