GENERAL NOTES:

1. ALL EQUIPMENT AND CABLING IS TO BE NEW AND IS TO BE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE INDICATED AS EXISTING OR SUPPLIED BY THE CITY.

LEGEND:

NID	NETWORK INTERFACE DEVICE
	RJ45 PORT
	RJ45 OR RJ11 CONNECTOR
	D-SUB 9-PIN CONNECTOR

KEYNOTES:

1. CELLULAR MODEM SUPPLIED BY THE CITY OF WINNIPEG.
2. ANTENNA AND COAXIAL CABLE SHALL BE SUPPLIED BY CONTRACTOR.

NETWORK BLOCK DIAGRAM

SCALE:NTS

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10	–	–
9	–	–
8	–	–
7	–	–
6	–	–
5	–	–
4	–	–
3	–	–
2	1-0162L-E0020-001	ELECTRICAL SITE PLAN
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 (YY/MM/DD)	BY
0	ISSUED FOR CONSTRUCTION	2023 03 24	DDW

KGS GROUP

DESIGNED BY	A. NIRMAL	CHECKED BY	DDW
DRAWN BY	J. SANTOS	APPROVED BY	DDW
SCALE: HORIZONTAL	NTS	RELEASED FOR CONSTRUCTION	
VERTICAL	NTS		
DATE	2022/07/15	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-A05.01

BID OPPORTUNITY: 864-2022

Winnipeg

THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

METCALFE LIFT PUMPING STATION
2022 UPGRADES
AUTOMATION

NETWORK BLOCK DIAGRAM
PLC CONTROL PANEL CP-L81

CITY DRAWING NUMBER 1-0162L-A0005-001

SHEET 9 OF 109

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FILE NAME: 1-0162L-A0005-001.dwg