GENERAL NOTES:

1. LABEL WIREWAY COVERS AND ENCLOSURES AS SHOWN.
2. PROVIDE IDENTIFICATION OF ISOLATORS WITHIN JBA–L82 BY MEANS OF A COMPUTER GENERATED ADHESIVE LABEL.

1 – EXTERIOR PANEL VIEW
SCALE:NTS

2 – INTERIOR PANEL VIEW
SCALE:NTS

3 – POWER BUS CONNECTION
SCALE:NTS

BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	MANUFACTURER	MODEL No.
1	1	JUNCTION BOX, NEMA 12, CONTINUOUS–HINGE, 254x254x152mm	HOFFMAN	A10106CH
2	1	BACK PAN	HOFFMAN	A10P10
3	5	INTRINSICALLY SAFE ISOLATION BARRIER, DIGITAL INPUT, 2 CHANNEL	MTL	MTL5511
4	2	TERMINAL END CLAMP	PHOENIX CONTACT	1201442
5	AS REQ'D	35mm DIN RAIL	PHOENIX CONTACT	0801733
6	AS REQ'D	NARROW SLOT WIRING DUCT, 1.25" x 2.12", GREY	PANDUIT	F1X2LG6
7	AS REQ'D	NARROW SLOT WIRING DUCT AND COVER, 1.75"X3.12" GREY	PANDUIT	F1X2IB6
8	AS REQ'D	LAMACOID, 5mm HIGH BLACK TEXT ON WHITE BACKGROUND	–	–
9	1	GROUND BAR, 6 TAP	ILSCO	D167–6
10	1	POWER BUS KIT	MTL	PB–8T
11	2	FEED THROUGH TERMINALS	PHOENIX CONTACT	3046184

REFERENCE DRAWINGS

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10	–	–
9	–	–
8	–	–
7	–	–
6	–	–
5	–	–
4	–	–
3	–	–
2	1–0162L–A0029–001	LOOP DIAGRAM WET WELL & COMMINUTOR LEVEL SWITCH LSHH–L101 & LSH–L502
1	1–0162L–A0003–001	AUTOMATION PLAN LAYOUT PUMP ROOM

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 R. GASPAR
APPROVED BY DDW
SCALE: HORIZONTAL NTS VERTICAL NTS
RELEASED FOR CONSTRUCTION
DATE 2022/07/14
DATE
PLOT DATE: 2023 03 23

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

CONSULTANT DRAWING NUMBER
22–0107–004–A20.01

BID OPPORTUNITY: 864-2022

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

METCALFE LIFT PUMPING STATION
2022 UPGRADES
AUTOMATION

PANEL LAYOUT AND BILL OF MATERIAL
INTRINSICALLY SAFE JUNCTION BOX JBA–L82

CITY DRAWING NUMBER 1–0162L–A0020–001
SHEET 25 OF 109

FILE PATH: P:\Projects\2022\22-0107-004\Dwg\Elec\
FILE NAME: 1-0162L-A0020-001.dwg