GENERAL NOTES:

1. ALL EQUIPMENT AND CABLING TO BE SUPPLIED NEW AND INSTALLED BY CONTRACTOR UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO DETERMINE MOUNTING LOCATION WITHIN ELECTRICAL BUILDING FOR JUNCTION PANEL BASED ON SITE CONDITIONS AND INSTRUMENT LOCATIONS.

PANEL EXTERIOR
SCALE: 1:2

PANEL INTERIOR
SCALE: 1:2

POWER BUS CONNECTION
SCALE: NTS

BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
1	1	10"X10"X6" CONTINUOUS HINGE TYPE 12 ENCLOSURE, GRAY	HOFFMAN	A10106CH
2	1	BACK PANEL	HOFFMAN	A10P10
3	4	INTRINSIC SAFETY BARRIER, DIGITAL INPUT	EATON	MTL5511
4	AS REQ'D	35MM DIN RAIL	PHOENIX CONTACT	801733
5	1	GROUND BAR, 6 TAP	ILSCO	D167-6
6	AS REQ'D	1.5" X 1.5" NARROW SLOW WIRING DUCT AND COVER, INTRINSIC BLUE	PANDUIT	F1.5X1.5IB6 C1.5IB6
7	AS REQ'D	50MM X 50MM NARROW SLOT WIRING DUCT AND COVER, GRAY	PANDUIT	MC50X50IG2
8	AS REQ'D	FEED THROUGH TERMINAL	PHOENIX CONTACT	3046184
9	AS REQ'D	TERMINAL END CLAMP	PHOENIX CONTACT	1201442
10	AS REQ'D	LAMACOID	--	--
11	1	POWER BUS KIT	EATON	PB-8T

REFERENCE DRAWINGS

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6		
5		
4	1-0131L-A0005	POWER DISTRIBUTION WIRING DIAGRAM - CP-L81
3	1-0131L-A0023	LOOP DIAGRAM - LSHH-L101
2	1-0131L-A0044	LOOP DIAGRAM - LSHH-S663
1	1-0131L-A0002	AUTOMATION PLAN

0 40 80 120 160 200
SCALE: 1:2

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MPE, a division of Englobe Corp.
No. 4968 Date: MAR 19, 2024

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	2024-03-19	

MPE a division of Englobe

DESIGNED BY J. SWAIN
CHECKED BY R. OFSTIE
DRAWN BY J. SWAIN
APPROVED BY R. OFSTIE
SCALE: NTS
HORIZONTAL
VERTICAL
RELEASED FOR CONSTRUCTION
DATE 2024-03-19
DATE
PLOT DATE: 2024 03 19

PROVINCE OF MANITOBA
R.G OFSTIE
Member 44405
REGISTERED PROFESSIONAL ENGINEER
MARCH 21, 2024
CONSULTANT DRAWING NUMBER

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

CONWAY LIFT PUMPING STATION
2024 UPGRADES
PANEL LAYOUT AND BILL OF MATERIALS
INTRINSICALLY SAFE JUNCTION BOX
JBA-L82

CITY DRAWING NUMBER 1-0131L-A0017-001-00 SHEET 73 OF 102

BID OPPORTUNITY: --

FILE PATH: M:\N-Data\84\00 City of Winnipeg\005 - Conway Lift Station\Autodesk\ACAD\
FILE NAME: A1.2 AUTOMATION PANEL LAYOUT AND BILL OF MATERIALS.dwg