NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6	1-0131L-E0004	ELECTRICAL SINGLE LINE DIAGRAM
5	1-0131L-A0014	AUTOMATIC PUMP CONTROL WIRING DIAGRAM
4	1-0131L-A0013	PLC IO WIRING – RACK 0, MODULE 11
3	1-0131L-A0010	PLC IO WIRING – RACK 0, MODULES 8
2	1-0131L-A0009	PLC IO WIRING – RACK 0, MODULES 7
1	1-0131L-A0006	PLC IO WIRING – RACK 0, MODULE 4

REFERENCE DRAWINGS

NOTES:

1. ALL EQUIPMENT AND WIRING TO BE INSTALLED NEW.
2. SHAFT BEARING VIBRATION TERMINALS AND WIRING NOT SHOWN. SEE DWG. 1-0131L-A0033 FOR DETAILS.
3. INCOMING INTERLOCK SIGNAL FROM THE P-L02 STARTER SECTION NOT SHOWN. SEE DWG 1-0131L-E0014.
4. CIC = CONTROL AND INSTRUMENTATION CABLE
   ACIC = ARMOURED CONTROL AND INSTRUMENTATION CABLE

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, T. SHRUFI	APPROVED BY	R. OFSTIE
SCALE: HORIZONTAL / VERTICAL	N.T.S.	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

BID OPPORTUNITY: --

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

CONWAY LIFT PUMPING STATION
2024 UPGRADES

MOTOR STARTER CONNECTION DIAGRAM

P-L01 LIFT PUMP

CITY DRAWING NUMBER 1-0131L-E0012-001-00 SHEET 53 OF 102

FILE PATH: M:\N-Data\84\00 City of Winnipeg\005 – Conway Lift Station\Autodesk\ACAD\
FILE NAME: E1.8 MOTOR STARTER CONNECTION DIAGRAM.dwg