| ALARM SET POINTS | |
|---|---|
| ALARM TAG | INITIAL SET POINT |
| TT-L010-1.HH | 105°C |
| TT-L010-1.H | SEE NOTE 3 |
| TT-L010-2.HH | 105°C |
| TT-L010-2.H | SEE NOTE 3 |
| VAHH-L010-1 | SEE NOTE 3 |
| VIT-L010-1.HH | SEE NOTE 3 |
| VIT-L010-1.H | SEE NOTE 3 |
| VAHH-L010-2 | SEE NOTE 3 |
| VIT-L010-2.HH | SEE NOTE 3 |
| VIT-L010-2.H | SEE NOTE 3 |
| TAH-L011 | SEE NOTE 3 |
| FI-L012.L | 56 L/S |
| FAL-L010 | SEE NOTE 3 |
| TT-L020-1.HH | 105°C |
| TT-L020-1.H | SEE NOTE 3 |
| TT-L020-2.HH | 105°C |
| TT-L020-2.H | SEE NOTE 3 |
| VAHH-L020-1 | SEE NOTE 3 |
| VIT-L020-1.HH | SEE NOTE 3 |
| VIT-L020-1.H | SEE NOTE 3 |
| VAHH-L020-2 | SEE NOTE 3 |
| VIT-L020-2.HH | SEE NOTE 3 |
| VIT-L020-2.H | SEE NOTE 3 |
| TAH-L021 | SEE NOTE 3 |
| FI-L022.L | 56 L/S |
| FAL-L020 | SEE NOTE 3 |

*THE INFORMATION CONTAINED IN THESE DRAWINGS SHALL BE ORIENTED IN THE SAME DATUM AS THE GIS, NAD 1983 JUNE 1990.*

| NO. | DRAWING NUMBER | REFERENCE DRAWING TITLE |
|---|---|---|
| 10 | | |
| 9 | | |
| 8 | | |
| 7 | | |
| 6 | | |
| 5 | | |
| 4 | 1-0131L-E0011-001-00 | P-L01 MOTOR STARTER SCHEMATIC |
| 3 | 1-0131L-E0013-001-00 | P-L02 MOTOR STARTER SCHEMATIC |
| 2 | 1-0131L-P0004-001-00 | HVAC VENTILATION AND MISCELLANEOUS |
| 1 | 1-0131L-P0002-001-00 | WASTEWATER LIFT PUMPING |

REFERENCE DRAWINGS

NOTES:

1. MOTOR VIBRATION LOCKOUTS TO BE WIRED TO READY CIRCUITS AND JUMPERED OFF WITHIN STARTER BUCKETS.
2. PUMP RUN SIGNAL TO BE INTERLOCKED WITH PUMP SEAL WATER SOLENOID TO PROVIDE FRESH WATER DURING PUMP RUNS.
3. SET POINTS TO BE DETERMINED DURING COMMISSIONING BASED ON TESTING AND MANUFACTURER RECOMMENDATIONS.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MPE, a division of Englobe Corp.
No. 4968 Date: MAR 22, 2024

B.M.
ELEV.

| NO. | REVISIONS | DATE | BY |
|---|---|---|---|
| 0 | ISSUED FOR CONSTRUCTION | 2024-03-22 | |

MPE a division of Englobe

| | | | |
|---|---|---|---|
| DESIGNED BY | B. BAKER | CHECKED BY | M. STUSICK |
| DRAWN BY | D. MCMILLAN | APPROVED BY | M. STUSICK |
| SCALE: HORIZONTAL VERTICAL | NOT TO SCALE | RELEASED FOR CONSTRUCTION | |
| DATE | 2024-03-19 | DATE | |

PLOT DATE: 2024 03 22

PROVINCE OF MANITOBA B.R. BAKER Member 46231 REGISTERED PROFESSIONAL ENGINEER
MARCH 22, 2024
CONSULTANT DRAWING NUMBER

BID OPPORTUNITY: --

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

CONWAY LIFT PUMPING STATION
2024 UPGRADES

# PROCESS AND INSTRUMENTATION DIAGRAM

WASTEWATER LIFT PUMPING

CITY DRAWING NUMBER 1-0131L-P0003-001-00 SHEET 28 OF 102

FILE PATH: M:\N-Data\84\00 City of Winnipeg\005 - Conway Lift Station\Autodesk\ACAD\
FILE NAME: P1.1-P1.3 P&ID.dwg