KEY OPERATING ELEVATIONS			
DESCRIPTION	GEODETIC ELEVATION (m)	REFERENCE ELEVATION (m)	NOTES
WEIR OVERFLOW	227.405	2.62	
HIGH HIGH WET WELL LEVEL	227.050	2.26	
HIGH WET WELL LEVEL	226.650	1.86	
PUMP START MAXIMUM SPEED	226.150	1.36	
PUMP START MINIMUM SPEED	225.800	1.01	
PUMP STOP	225.650	0.86	
WET WELL LOW LEVEL ALARM	225.400	0.61	
WET WELL BOTTOM	224.790	0.00	

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

NOTE:

1. CONTRACTOR TO VERIFY MOUNTING ELEVATION.

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6		
5		
4		
3		
2	1-0131L-P0004-001-00	HVAC VENTILATION AND MISCELLANEOUS
1	1-0131L-P0003-001-00	WASTEWATER LIFT PUMPING

REFERENCE DRAWINGS

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	NOT TO SCALE	RELEASED FOR CONSTRUCTION	
VERTICAL			
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

WET WELL, SUMP, AND LEVEL TRANSMITTERS

CITY DRAWING NUMBER 1-0131L-P0002-001-00 | SHEET 27 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