MAIN FLOOR PLAN
SCALE: 1:40

BASEMENT PLAN
SCALE: 1:40

A HANGER MOUNTING DETAIL
SCALE: 1:10

MOTOR ROOM AND COMMINUTOR CHAMBER PLAN
SCALE: 1:40

PUMP ROOM AND WET WELL PLAN
SCALE: 1:40

NOTES:

1. CSO MONITORING INSTRUMENTS NOT SHOWN. CONTRACTOR TO RECONNECT EXISTING CSO PANEL TO NEW PLC. CONTRACTOR TO MAINTAIN RTU MONITORING ON CSO SYSTEM DURING CONSTRUCTION. SEE DWGS. 1-0131L-A0005, 1-0131L-A0044, 1-0131L-A0045, 1-0131L-A0046.
2. ANALOG AND CONTROL WIRING TO BE 16AWG STRANDED COPPER UNLESS OTHERWISE STATED.
3. INSTALL ALL EQUIPMENT NEW.
4. FUNCTIONALITY OF ALL COMPONENTS AND WIRING TO BE TESTED AND DOCUMENTED. CONNECTION DETAILS TO BE VERIFIED AND DOCUMENTED.
5. ALL INSTRUMENTS TO BE IDENTIFIED WITH LAMACOIDS TO CITY STANDARDS.
6. ALL METAL COMPONENTS OF HANGER BRACKET ARE TO BE WELDED 316 STAINLESS STEEL.
7. PRIOR TO MOVING LEVEL DEVICES CONFIRM MOUNTING HEIGHTS OF INSTRUMENTS FROM WET WELL FLOOR.

KEYNOTES:

1. CONTRACTOR TO INSTALL NEW LEVEL FLOAT SWITCH (LSH-S663) TO GATE CHAMBER NOT SHOWN ON THIS DRAWING. FLOAT SWITCH TO BE INSTALLED DOWNSTREAM OF THE CSO WEIR AT AN ELEVATION OF 227.405. CONTRACTOR TO CONFIRM MOUNTING ELEVATION AND LOCATION WITH OWNER PRIOR TO INSTALLATION. SEE DWG 1-0131L-A0044 AND 1-0131L-E0005.

INSTRUMENT DRAWING REFERENCES	
1	1-0131L-A0018
2	1-0131L-A0019
3	1-0131L-A0020
4	1-0131L-A0021
5	1-0131L-A0022
6	1-0131L-A0023
7	1-0131L-A0024
8	1-0131L-A0025
9	1-0131L-A0026
10	1-0131L-A0027
11	1-0131L-A0028
12	1-0131L-A0029
13	1-0131L-A0030
14	1-0131L-A0031
15	1-0131L-A0032
16	1-0131L-A0033
17	1-0131L-A0034
18	1-0131L-A0035
19	1-0131L-A0036
20	1-0131L-A0037
21	1-0131L-A0038
22	1-0131L-A0039
23	1-0131L-A0040
24	1-0131L-A0041
25	1-0131L-E0010
26	1-0131L-E0012

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6		
5		
4	1-0131L-P0002	WASTEWATER LIFT PUMPING PID
3	1-0131L-P0003	WASTEWATER LIFT PUMPING PID
2	1-0131L-P0004	HVAC AND PLUMBING PID
1	1-0131L-E0008	MCC ELEVATIONS AND DETAILS

REFERENCE DRAWINGS

0 800 1600 2400 3200 4000
SCALE: 1:40

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
UNLESS OTHERWISE NOTED

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: HORIZONTAL	1:40	RELEASED FOR CONSTRUCTION	
VERTICAL			
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
AUTOMATION PLAN
PLANS AND SECTIONS
MAIN FLOOR AND DRY WELL PLAN

CITY DRAWING NUMBER 1-0131L-A0002-001-00 SHEET 58 OF 102

FILE PATH: M:\N-Data\84\00 City of Winnipeg\005 - Conway Lift Station\Autodesk\ACAD\
FILE NAME: A1.3 AUTOMATION PLAN.dwg