1 GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

2 GROUNDING RISER DIAGRAM
SCALE: NOT TO SCALE

KEY NOTES:

1. PROVIDE GROUND UP TO PUMP CONNECTION POINT, ENSURE PROPER GROUNDING OF PUMPS THROUGH OEM CABLES AFTER CONNECTION.

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6		
5		
4	1-0240G-A0002-001	PANEL LAYOUT AND BILL OF MATERIALS - CP-G81
3	1-0240G-E0002-001	ELECTRICAL SINGLE LINE DIAGRAM
2	1-0240G-E0003-001	ELECTRICAL SITE PLAN
1	1-0240G-E0005-001	ELECTRICAL ENCLOSURE LAYOUT

REFERENCE DRAWINGS

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MPE, A DIVISION OF ENGLOBE CORP.
No. 4968

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	2024.03.15	

MPE a division of Englobe

DESIGNED BY	J. SWAIN	CHECKED BY	R. OFSTIE
DRAWN BY	D. MCMILLAN	APPROVED BY	R. OFSTIE
SCALE: HORIZONTAL	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	2024-03-15	DATE	

PLOT DATE: 2024 03 15

PROVINCE OF MANITOBA
R.G. OFSTIE
Member 44405
REGISTERED PROFESSIONAL ENGINEER
MARCH 18, 2024
CONSULTANT DRAWING NUMBER

BID OPPORTUNITY: --

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

RENFREW OUTFALL GATE CHAMBER
2024 UPGRADES
ELECTRICAL GROUNDING DETAILS

CITY DRAWING NUMBER 1-0240G-E0010-001 SHEET 23 OF 41

FILE PATH: M:\N-Data\84\00 City of Winnipeg\006 - Renfrew Outfall Gate Chamber Upgrades\AutoDesk\ACAD\
FILE NAME: e1.9 electrical grounding details.dwg