NOTES:

1. ALL GROUNDING CONDUCTORS SHALL BE #6 AWG BARE STRANDED COPPER UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO COORDINATE NEW ELECTRICAL SERVICE INSTALLATION AND METER SOCKET WITH MANITOBA HYDRO.
3. CAST RIGID SLEEVES IN CONCRETE. SEAL BETWEEN RIGID SLEEVE AND TECK CABLE.
4. SPARE PENETRATIONS TO BE PROVIDED FOR FUTURE ELECTRICAL PROVISIONS.
5. ALL CONCRETE PENETRATIONS SEALED USING "ROXTEC" OR EQUAL.
6. CONTRACTOR TO TRENCH TO HYDRO SERVICE POLE AND COORDINATE CABLE INSTALLATION WITH MANITOBA HYDRO. CONTRACTOR TO BACKFILL TRENCH.

ELECTRICAL SITE PLAN
SCALE: 1:150

1 GROUND WELL DETAIL
SCALE: NOT TO SCALE

2 TYPICAL GROUND GRID DETAIL
SCALE: NOT TO SCALE

3 UTILITY SERVICE TRENCHING DETAIL
SCALE: NOT TO SCALE

4 ULTRASONIC TRANSDUCER MOUNTING DETAIL
SCALE: NOT TO SCALE

A SECTION
SCALE: NOT TO SCALE

5 TYPICAL CEC SECTION 18 ZONE 1 CABLE SEALING
SCALE: 1:15

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6		
5		
4	1-0240G-S0002-001	STRUCTURAL PLANS
3	1-0240G-E0002-001	ELECTRICAL SINGLE LINE DIAGRAM
2	1-0240G-E0010-001	ELECTRICAL GROUNDING DETAILS
1	1-0240G-E0005-001	ELECTRICAL ENCLOSURE LAYOUT

REFERENCE DRAWINGS

0 300 600 900 1200 1500
SCALE: 1:15

0 3000 6000 9000 12000 15000
SCALE: 1:150

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

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

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

RENFREW OUTFALL GATE CHAMBER
2024 UPGRADES
ELECTRICAL SITE PLAN
UTILITY SERVICE DETAILS

CITY DRAWING NUMBER 1-0240G-E0003-001
SHEET 16 OF 41

BID OPPORTUNITY: --

FILE PATH: M:\N-Data\84\00 City of Winnipeg\006 - Renfrew Outfall Gate Chamber Upgrades\AutoDesk\ACAD\
FILE NAME: e1.1 electrical site plan.dwg