ELECTRICAL SITE PLAN
SCALE: 1:100

KEYNOTES:

① MANITOBA HYDRO PROPOSED TRENCHING AND TRANSFORMER LOCATION SHOWN. CONTRACTOR TO COORDINATE WITH HYDRO TO CONFIRM EXACT TRANSFORMER LOCATION AND SERVICE ALIGNMENT ON-SITE.

② NEW BURIED TELEPHONE SERVICE CABLING TO ENTER BUILDING THROUGH THE NORTH WALL AND TERMINATE AT TELEPHONE JUNCTION WIRING TERMINATION BOX ON INTERIOR NORTH WALL. CONTRACTOR TO TRENCH EMPTY CONDUIT C/W PULL STRINGS FOR TELECOMM USE. COORDINATE BURIED PHONE LINE INSTALLATION WITH BELLMTS.

③ PORTABLE GENERATOR CONNECTION BOX SHALL BE A NEMA 4 RATED, LOCKABLE STEEL ENCLOSURE. ENCLOSURE TO BE EQUIPPED WITH IDENTIFICATION LAMACOID TO CITY STANDARD. PORTABLE GENERATOR CONNECTION BOX SHALL BE WIRED TO THE PORTABLE GENERATOR BREAKER LOCATED IN THE MCC. INCLUDE THREE GENERATOR CONNECTION LUGS WITHIN THE PANEL. CONTRACTOR TO SIZE ENCLOSURE AND CONNECTION LUGS. SEE DWG. 1-0131L-E0009 FOR GROUNDING AND BONDING DETAILS.

④ CSTE TO BE WALL MOUNTED, RATED FOR OUTDOOR USE, 200A, 600V, 3ϕ, 4W, SPLITTER TYPE CSTE. BASIS OF DESIGN STRONG ELECTRIC CSTE3030-2-4-34-S-W.

⑤ DISCONNECT ENCLOSURE TO BE RATED FOR 600V, 200A, WALL MOUNTED, LOCKABLE, AND RATED FOR OUTDOOR USE. INCLUDE TWO SPARE SETS OF 200A FUSES TO BE STORED WITHIN THE LIFT STATION.

GENERAL NOTES:

1. VERIFY DEPTH OF ALL EXISTING BURIED INFRASTRUCTURE PRIOR TO COMMENCING WORK.
2. RESTORE ALL LANDSCAPING TO EXISTING CONDITIONS.

A — TELEPHONE SERVICE TRENCHING DETAIL
SCALE: N.T.S

B — UTILITY SERVICE TRENCHING DETAIL
SCALE: N.T.S

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		
3		
2		
1	1-0131L-E0009	ELECTRICAL GROUNDING DETAILS

REFERENCE DRAWINGS

0 2000 4000 6000 8000 10000
SCALE: 1:100

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, T. SHRUFI	APPROVED BY	R. OFSTIE
SCALE: HORIZONTAL	1:100	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
ELECTRICAL SITE PLAN
PLANS AND SECTIONS

CITY DRAWING NUMBER 1-0131L-E0005-001-00 SHEET 46 OF 102

FILE PATH: M:\N-Data\84\00 City of Winnipeg\005 - Conway Lift Station\Autodesk\ACAD\
FILE NAME: E1.2 ELECTRICAL SITE PLAN.dwg