NOTES:

1. ALL GROUNDING CONDUCTORS SHALL BE No. 2/0 AWG BARE STRANDED.
2. CONTRACTOR TO COORDINATE NEW ELECTRICAL SERVICE AND METER SOCKET WITH MANITOBA HYDRO.
3. ELECTRICAL ENCLOSURE SHALL BE MOUNTED ON A HOUSEKEEPING PAD 150MM, HIGH CONSTRUCTED WITH 10MM REBAR AT 300MM ON CENTRE. AFFIX ELECTRICAL ENCLOSURE TO THE HOUSEKEEPING PAD USING HILTI KWIK BOLT 3 OR EQUAL.
4. CAST RIGID SLEEVES IN CONCRETE. SEAL BETWEEN RIGID SLEEVE AND TECK CABLE.
5. SPARE PENETRATIONS TO BE PROVIDED FOR FUTURE ELECTRICAL ACTUATOR PROVISIONS.
6. CORE AS REQUIRED IN EXISTING PUMP CHAMBER.
7. ALL CONCRETE PENETRATIONS TO BE SEALED USING "ROXTEC" OR EQUAL.

KEY NOTES:

1. MANITOBA HYDRO IS RESPONSIBLE FOR PROVIDING AND INSTALLING TRENCHING, CONDUIT, AND CONDUCTORS BETWEEN UTILITY TRANSFORMER AND METER BASE.

GROUNDING PLATE DETAIL

3 / 1:15

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MPE ENGINEERING
No. 5643

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.

2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:

LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	2019-09-10	M.J.B.

MPE Engineering Ltd.

DESIGNED BY	D.G.	CHECKED BY	D.J.H.
DRAWN BY	N.O.W.	APPROVED BY	P.P.G.
SCALE: HORIZONTAL	1:150	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	2019-9-11	DATE	

PLOT DATE: 2019 09 16

ORIGINAL SEALED BY PETER GOERTZEN 2019-09-16

CONSULTANT DRAWING NUMBER
E1.1

BID OPPORTUNITY: 913-2019

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

BURROWS OUTFALL GATE CHAMBER UPGRADES
SITE PLAN

CITY DRAWING NUMBER 1-03000-E0002-001

SHEET 14 OF 20

FILE PATH: \\mhdc02\data\84\00 City of Winnipeg\002 - Burrows Outfall Gate Chamberts Upgrades\Autodesk\ACAD\
FILE NAME: E1.1 Site Plan.dwg