NOTES:

1. ALL ELEVATIONS ARE IN METERS AND ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL ALUMINUM IN CONTACT WITH CONCRETE TO HAVE 2-COATS BITUMEN.

AH1

1 S1.1 1:20

AH2

2 S1.1 1:20

AH3 AND AH4

3 S1.1 1:20

HAND HOLD PLAN

4 S1.1 1:10

LIFTING RING DETAIL

NTS

VALVE BOX

5 S1.1 NTS

LIFTING CABLE GUIDE PLAN

6 -- 1:10

HATCH LOCK HASP PLAN

7 -- 1:10

8 -- 1:10

HANDLE (TYPICAL OF 6)

9 -- 1:10

E -- 1:10

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	M.J.B.	CHECKED BY	XX
DRAWN BY	C.W.H.	APPROVED BY	XX
SCALE: HORIZONTAL	AS NOTED	RELEASED FOR CONSTRUCTION	
VERTICAL	AS NOTED		
DATE	2019-9-11	DATE	

PLOT DATE: 2019 09 18

ORIGINAL SEALED BY MARK J. BAKER 2019-09-16

CONSULTANT DRAWING NUMBER S1.4

Winnipeg

THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

BURROWS OUTFALL GATE CHAMBER UPGRADES

MISCELLANEOUS DETAILS–SHEET 2 OF 2

CITY DRAWING NUMBER 1-03000-S0002-002 | SHEET 7 OF 20

BID OPPORTUNITY: 913-2019

FILE PATH: N:\84\00 City of Winnipeg\002 – Burrows Outfall Gate Chamberts Upgrades\Autodesk\ACAD\
FILE NAME: S1.3 – S1.4 Details.dwg