NOTES:
1. COAT ALL ALUMINUM IN CONTACT WITH CONCRETE WITH 2-COATS BITUMEN PAINT.
2. ALL ELEVATIONS ARE IN METERS AND ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

1 REF 2 NEW SLAB INTO EXISTING WALL SLAB SUPPORT
1:10

3 REF 3 FLAP GATE WALL REINFORCING
1:25

4 REF 2 SLIDE GATE WALL REINFORCING
1:25

7 REF 1 REINFORCING DETAIL
1:20

2 REF 2 NEW WALL INTO EXISTING SLAB REINFORCEMENT DETAIL
1:10

5 REF 3 SLAB SUPPORT DETAIL
1:10

6 REF 1 REINFORCING DETAIL
1:20

8 REF 1 REINFORCING DETAIL
1:20

9 REF 1 GRATING HATCH DETAIL
1:20

A -- REINFORCING DETAIL
1:20

0 500 1000 1500 2000 2500
SCALE: 1:25

0 400 800 1200 1600 2000
SCALE: 1:20

0 200 400 600 800 1000
SCALE: 1:10

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

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6		
5		
4		
3	1-0240G-S004-001	STRUCTURAL SECTIONS
2	1-0240G-S003-001	STRUCTURAL SECTIONS
1	1-0240G-S002-001	STRUCTURAL PLANS

REFERENCE DRAWINGS

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	2024.03.18	

MPE a division of Englobe

DESIGNED BY	M. BAKER	CHECKED BY	B. BAKER
DRAWN BY	D. MCMILLAN	APPROVED BY	M. BAKER
SCALE: HORIZONTAL	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	2024-03-18	DATE	

PROVINCE OF MANITOBA
M.J. BAKER
Member 43540
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
STRUCTURAL DETAILS

CITY DRAWING NUMBER 1-0240G-S005-001 SHEET 8 OF 41

PLOT DATE: 2024 03 18
BID OPPORTUNITY: --
FILE PATH: M:\N-Data\84\00 City of Winnipeg\006 - Renfrew Outfall Gate Chamber Upgrades\AutoDesk\ACAD\
FILE NAME: s4.1 - s4.3 details.dwg