NOTES:
1. ALL ELEVATIONS ARE IN METERS AND ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. PIPING TO HAVE 2M MAX UNBRACED LENGTH.
3. SMITH–BLAIR OMNI 411 STEEL COUPLING OR APPROVED EQUAL.
4. CORE AND PATCH EXISTING CONCRETE AS NEEDED TO ACCOMMODATE RISING STEM VALVE OPERATOR.

MID–LEVEL PLAN (EL.229.844)
SCALE: 1:50

A PROCESS SECTION
SCALE: 1:50

B PROCESS SECTION
SCALE: 1:50

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		

REFERENCE DRAWINGS

0 1000 2000 3000 4000 5000
SCALE: 1:50

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	2024.03.18	

MPE a division of Englobe

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

PLOT DATE: 2024 03 18

PROVINCE OF MANITOBA — B.R. BAKER Member 46231 — REGISTERED PROFESSIONAL ENGINEER
MARCH 18, 2024
CONSULTANT DRAWING NUMBER

BID OPPORTUNITY: --

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

RENFREW OUTFALL GATE CHAMBER
2024 UPGRADES
PROCESS AND INSTRUMENTATION
PLAN AND ELEVATION

CITY DRAWING NUMBER 1–0240G–P0003–001–00 SHEET 13 OF 41

FILE PATH: M:\N–Data\84\00 City of Winnipeg\006 – Renfrew Outfall Gate Chamber Upgrades\AutoDesk\ACAD\
FILE NAME: P1.2 P&ID Plan.dwg