1 / – DETAIL – PIPE HANGER SUPPORT
SCALE: N.T.S.

2 / – DETAIL – STANCHION PIPE SUPPORT
SCALE: N.T.S.

A / – SECTION
SCALE: N.T.S.

NOTES:

1. DO NOT CUT HOLE IN PIPE–FULL PENETRATION.
2. CINCH ANCHOR BY CONTRACTOR.
3. ALL PLATES SHALL MATCH PIPE MATERIAL.
4. PAINT PIPE SUPPORT TO MATCH PROCESS PIPING.

B / REF.1 SEAL FLUSH ASSEMBLY DETAIL
SCALE: 1:15

3 / – DETAIL – FLANGE SUPPORT
SCALE: N.T.S.

NOTES:

1. CONFIRM FLOOR PENETRATION DIAMETER WITH PUMP/MOTOR SHOP DRAWINGS PRIOR TO CORING TO ENSURE MINIMUM DIAMETER REQUIREMENTS ARE MET.

4 / – DETAIL – PUMP BASE SUPPORT
SCALE: N.T.S.

NOTES:

1. FLOOR SHALL BE CORE SCANNED PRIOR TO DRILLING TO AVOID CUTTING THROUGH REINFORCING STEEL.

5 / REF.1,2 DETAIL – PROCESS PIPING FLOOR PENETRATION
SCALE: N.T.S.

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6		
5		
4		
3		
2	1-0131L-M0008-001-00	PROCESS & MECHANICAL SECTION 1
1	1-0131L-M0009-001-00	PROCESS & MECHANICAL SECTION 2

REFERENCE DRAWINGS

0 300 600 900 1200 1500
SCALE: 1:15

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 22, 2024

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	2024–03–22	

MPE a division of Englobe

DESIGNED BY	B. BAKER	CHECKED BY	P. GOERTZEN
DRAWN BY	D. MCMILLAN	APPROVED BY	P. GOERTZEN
SCALE: HORIZONTAL VERTICAL	AS SHOWN	RELEASED FOR CONSTRUCTION	
DATE	2024–03–19	DATE	

PLOT DATE: 2024 03 22

PROVINCE OF MANITOBA
B.R. BAKER
Member 46231
REGISTERED PROFESSIONAL ENGINEER
MARCH 22, 2024
CONSULTANT DRAWING NUMBER

BID OPPORTUNITY: --

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

CONWAY LIFT PUMPING STATION
2024 UPGRADES
MECHANICAL DETAILS
TYPICAL MECHANICAL DETAILS, PIPE SUPPORTS, SEAL WATER

CITY DRAWING NUMBER 1–0131L–M0011–001–00 SHEET 39 OF 102

FILE PATH: M:\N-Data\84\00 City of Winnipeg\005 – Conway Lift Station\Autodesk\ACAD\
FILE NAME: M1.11–MECHANICAL DETAIL.dwg