STD 006 DETAIL – DOMESTIC WATER SERVICE
SCALE: N.T.S.

NOTES:
1. ALL HARDWARE SHALL BE TYPE 304 STAINLESS STEEL MATERIAL. ANVIL FIGURES ARE AVAILABLE IN STAINLESS STEEL ON SPECIAL ORDER.

STD 007 DETAIL – DUCT SUPPORT
SCALE: N.T.S.

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

STD 008 DETAIL – DUCTWORK FLOOR PENETRATION
SCALE: N.T.S.

STD 009 DETAIL – DUCT SUPPORT
SCALE: N.T.S.

NOTES:
1. CONTRACTOR TO CONFIRM EXISTING SUMP PIT DIMENSIONS AND CONFIRM MINIMUM DIMENSIONS REQUIRED BY SUMP PUMP MANUFACTURER ARE MET.

STD 010 DETAIL – SUMP PUMP P-L04 DISCHARGE PIPING
SCALE: N.T.S.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

| NO. | DRAWING NUMBER | REFERENCE DRAWING TITLE |
|---|---|---|
| 10 | | |
| 9 | | |
| 8 | | |
| 7 | | |
| 6 | | |
| 5 | | |
| 4 | | |
| 3 | | |
| 2 | | |
| 1 | | |

REFERENCE DRAWINGS

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

B.M.
ELEV.

| NO. | REVISIONS | DATE (YYYYMMDD) | BY |
|---|---|---|---|
| 0 | ISSUED FOR CONSTRUCTION | 2023 03 24 | |

KGS GROUP

| | | | |
|---|---|---|---|
| DESIGNED BY | K. RADTKE | CHECKED BY | |
| DRAWN BY | D. SESE | APPROVED BY | |
| SCALE: HORIZONTAL / VERTICAL | AS SHOWN | RELEASED FOR CONSTRUCTION | |
| DATE | 2022 07 18 | DATE | |

PLOT DATE: 2023 03 22

ENGINEER'S SEAL
PROVINCE OF MANITOBA
J.V. SMITH
2023-03-22
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
22–0107–004_M11

BID OPPORTUNITY: 864-2022

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

METCALFE LIFT PUMPING STATION
2022 UPGRADES
MECHANICAL
HVAC AND PLUMBING
STANDARD DETAILS

CITY DRAWING NUMBER 1–0162L–M0011–001
SHEET 82 OF 109

FILE PATH: P:\Projects\2022\22-0107-004\Dwg\Mech\
FILE NAME: 1-0162L-M0011-001.dwg