PUMP INTAKE PENETRATION (3 REQ'D)

1 REF.1 DETAIL
SCALE: 1:10

2 REF.2 CRANE BEAM CONNECTION DETAIL
SCALE: 1:5

SECTION A-A
SCALE: 1:5

* CONTRACTOR SHALL LAYOUT CRANE BEAM CONNECTION PLATES & THEIR ANCHOR LOCATIONS PRIOR TO CRANE BEAM FABRICATION IN ORDER TO AVOID INTERFERENCE WITH EXISTING REBAR. REBAR SCANNING IS REQUIRED.

3 — DETAIL - LADDER EXTENSION
SCALE: 1:10

A REF.3 NEW FLOOR ACCESS HATCH
SCALE: 1:10

B REF.2 NEW CONCRETE RISER COVER DETAIL
SCALE: 1:10

C — MAIN FLOOR ACCESS HATCH DEMOLITION DETAIL
SCALE: 1:5

D — MAIN FLOOR ACCESS HATCH NEW DETAIL
SCALE: 1:5

| NO. | DRAWING NUMBER | REFERENCE DRAWING TITLE |
|---|---|---|
| 10 | | |
| 9 | | |
| 8 | | |
| 7 | | |
| 6 | | |
| 5 | | |
| 4 | 1-0162L-S0004-003 | DETAILS - NEW |
| 3 | 1-0162L-S0002-001 | FOUNDATION AND ROOF FRAMING PLAN - NEW |
| 2 | 1-0162L-S0002-002 | SUB-LEVEL 1, & 2 FLOOR FRAMING PLANS - NEW |
| 1 | 1-0162L-S0002-003 | SUB-LEVEL 3 FLOOR FRAMING PLAN - NEW |

REFERENCE DRAWINGS

200 0 200 400 600 800
SCALE: 1:10

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

B.M.
ELEV.

| NO. | REVISIONS | DATE (YYYY-MM-DD) | BY |
|---|---|---|---|
| 0 | ISSUED FOR CONSTRUCTION | 2023 03 23 | CMS |

KGS GROUP

| | | | |
|---|---|---|---|
| DESIGNED BY | S. SUCHKOV | CHECKED BY | CMS |
| DRAWN BY | E. MALANG | APPROVED BY | CMS |
| SCALE: HORIZONTAL | AS SHOWN | RELEASED FOR CONSTRUCTION | |
| VERTICAL | | | |
| DATE | 2023 03 23 | DATE | |

PLOT DATE: 2023 03 23

ENGINEER'S SEAL
PROVINCE OF MANITOBA
S. SUCHKOV
Member 34686
REGISTERED PROFESSIONAL ENGINEER
2023-03-23

CONSULTANT DRAWING NUMBER
22-0107-004_S11

BID OPPORTUNITY: 864-2022

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

METCALFE LIFT PUMPING STATION
2022 UPGRADES
STRUCTURAL
SECTIONS & DETAILS

CITY DRAWING NUMBER 1-0162L-S0004-005

SHEET 97 OF 109

FILE PATH: \\k-file-4\p-data\Projects\2022\22-0107-004\Dwg\Struct\