## MAIN FLOOR

SCALE:1:30

## SUB–LEVEL 1

SCALE:1:30

## A TYPICAL PANEL BOARD INSTALLATION

SCALE:NTS

## GENERAL NOTES:

1. PROVIDE AND INSTALL NEW HOUSE KEEPING PAD FOR MCC–L71. PAD SHALL BE AT MINIMUM 101.6mm HIGH, 50mm IN FRONT OF THE MCC AND EXTENDING 150mm PAST THE MCC LINEUP ON BOTH SIDES. EDGES SHALL BE CHAMFERED AT LEAST 20mm. PROVIDE REBAR RE–ENFORCEMENT AND ANCHOR TO THE FLOOR. REFER TO DRAWING 1–0162L–E0010–001 FOR MCC DETAILS.
2. EMERGENCY LIGHTING BATTERY BANK AND REMOTE LIGHT HEADS ARE TO BE INSTALLED AT A HEIGHT SUCH THAT BOTTOM OF THE ENCLOSURE NOT LESS THAN 2000mm ABOVE FINISHED FLOOR.
3. PROPOSED CONDUIT ROUTING FROM CP–L81: CONTRACTOR TO RUN CONDUITS FROM CP–L81 THROUGH NORTH WALL AND CEILING TO THE EAST WALL. THE CONDUITS THEN PENETRATE TO THE SUB–LEVEL 1, MOTOR ROOM AND PUMP ROOM.CONTRACTOR TO VERIFY IT ON SITE.
4. PROPOSED CABLE ROUTING FROM MCC–L71: CONTRACTOR TO RUN TECK90 CABLES UNDERNEATH THE MCC TO SUB–LEVEL 1. THEN THE CABLES WILL RUN THROUGH SOUTH WALL TO THE EAST AND THEN RUN TO THE MOTOR ROOM. CONTRACTOR TO VERIFY IT ON SITE.
5. BURIED CONDUIT FROM JBA–L101 TO THE MANHOLE.
6. INTERIOR LIGHT FIXTURES WITHIN THE MAIN FLOOR SHALL BE SUSPENDED AT A HEIGHT NOT TO INTERFERE WITH HVAC DUCTS, MONORAIL PATH OR ANY OTHER EQUIPMENTS WITHIN THE BUILDING. CONTRACTOR TO COORDINATE THIS ON SITE.

| NO. | DRAWING NUMBER | REFERENCE DRAWING TITLE |
|---|---|---|

REFERENCE DRAWINGS

300 0 300 600 900 1200

SCALE: 1:30mm

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 | DDW |

KGS GROUP

| | | | |
|---|---|---|---|
| DESIGNED BY | A. NIRMAL | CHECKED BY | DDW |
| DRAWN BY | R. GASPAR | APPROVED BY | DDW |
| SCALE: HORIZONTAL | NTS | RELEASED FOR CONSTRUCTION | |
| VERTICAL | NTS | | |
| DATE | 2022/08/31 | DATE | |

PLOT DATE: 2023 03 23

ENGINEER'S SEAL
PROVINCE OF MANITOBA
D. WILSON
Member
22552
2023-03-23
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
22–0107–004–E04.01

BID OPPORTUNITY: 864-2022

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

METCALFE LIFT PUMPING STATION
2022 UPGRADES
ELECTRICAL AND LIGHTING
PLAN LAYOUT
MAIN FLOOR AND SUB–LEVEL 1

CITY DRAWING NUMBER 1–0162L–E0004–001

SHEET 55 OF 109

FILE PATH: P:\Projects\2022\22-0107-004\Dwg\Elec\
FILE NAME: 1-0162L-E0004-001.dwg