A REF.2 NEW CONCRETE RISER DETAIL
SCALE: 1:10

B REF.3 NEW CONCRETE RISER COVER DETAIL
SCALE: 1:10

1 REF.1 DETAIL
SCALE: 1:10

LEGEND:

(E) –DENOTES EXISTING CONSTRUCTION.

(N) –DENOTES NEW CONSTRUCTION.

(D) –DEMOLITION

C REF.3 SECTION
SCALE: 1:10

SECTION D–D
SCALE: 1:5

SECTION E–E
SCALE: 1:5

G REF.4 FLOOR OPENING DEMOLITION DETAIL
SCALE: 1:5

H REF.2 FLOOR OPENING RETROFIT DETAIL
SCALE: 1:5

SECTION F–F
SCALE: 1:5

SECTION G–G
SCALE: 1:5

SECTION F–F
SCALE: 1:5

J – FLOOR OPENING DETAIL
SCALE: 1:10

K REF.2 UNUSED OPENING INFILL DETAIL
SCALE: 1:10

200 0 200 400 600 800
SCALE: 1:10

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6		
5		
4	1-0162L-B0002-002	PLAN – DEMOLITION
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-B0003-002	SUB-LEVEL 1, 2 & 3 FLOOR PLANS –NEW

REFERENCE DRAWINGS

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 F. VALENCIA
APPROVED BY CMS
SCALE: HORIZONTAL AS SHOWN VERTICAL
RELEASED FOR CONSTRUCTION
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_S09

BID OPPORTUNITY: 864-2022

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

METCALFE LIFT PUMPING STATION
2022 UPGRADES
STRUCTURAL
DETAILS
NEW

CITY DRAWING NUMBER 1-0162L-S0004-003

SHEET 95 OF 109

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