SECTION A–A
SCALE: 1:10

1 REF.1 NEW STEEL TO EXISTING WALL CONNECTION DETAIL
SCALE: 1:10

SECTION B–B
SCALE: 1:10

2 REF.1 C–CHANNEL TO CONCRETE WALL CONNECTION DETAIL
SCALE: 1:10

* REBAR SCANNING IS REQUIRED TO AVOID INTERFERENCE.

TYPICAL GUARDRAIL DETAIL
SCALE: 1:10

SECTION D–D
SCALE: 1:10

SECTION E–E
SCALE: 1:10

3 REF.1 C–CHANNEL TO C–CHANNEL CONNECTION DETAIL
SCALE: 1:10

PLAN DETAIL – LADDER CAGE
SCALE: 1:15

* REBAR SCANNING IS REQUIRED TO AVOID INTERFERENCE.

* LADDER SHALL BE HOT DIP GALVANIZED.

PLAN DETAIL – FIXED LADDER
SCALE: 1:15

SCALE: 1:15

ELEVATION
SCALE: 1:15

LEGEND:

(E) –DENOTES EXISTING CONSTRUCTION.

(N) –DENOTES NEW CONSTRUCTION.

◇D –DEMOLITION

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
8		
7		
6		
5		
4		
3		
2		
1	1-0162L-S0002-002	SUB-LEVEL 1 & 2 FLOOR FRAMING PLANS – 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 (YY/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

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

CONSULTANT DRAWING NUMBER 22-0107-004_S08

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-S0004-002
SHEET 94 OF 109

PLOT DATE: 2023 03 23
BID OPPORTUNITY: 864-2022
FILE PATH: \\k-file-4\p-data\Projects\2022\22-0107-004\Dwg\Struct\