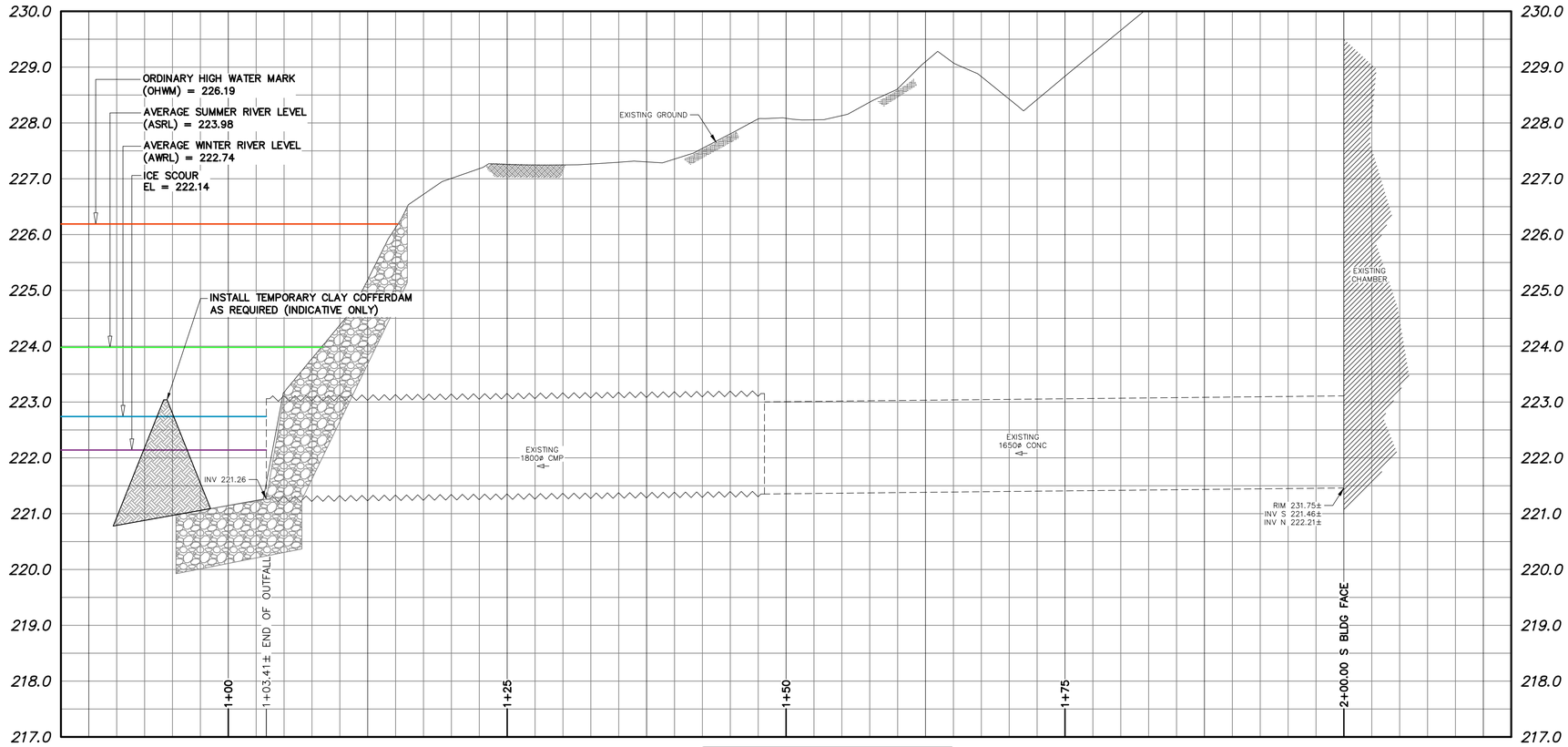


NOTE: CHAINAGES SHOWN ARE ALONG ℄ EXISTING OUTFALL

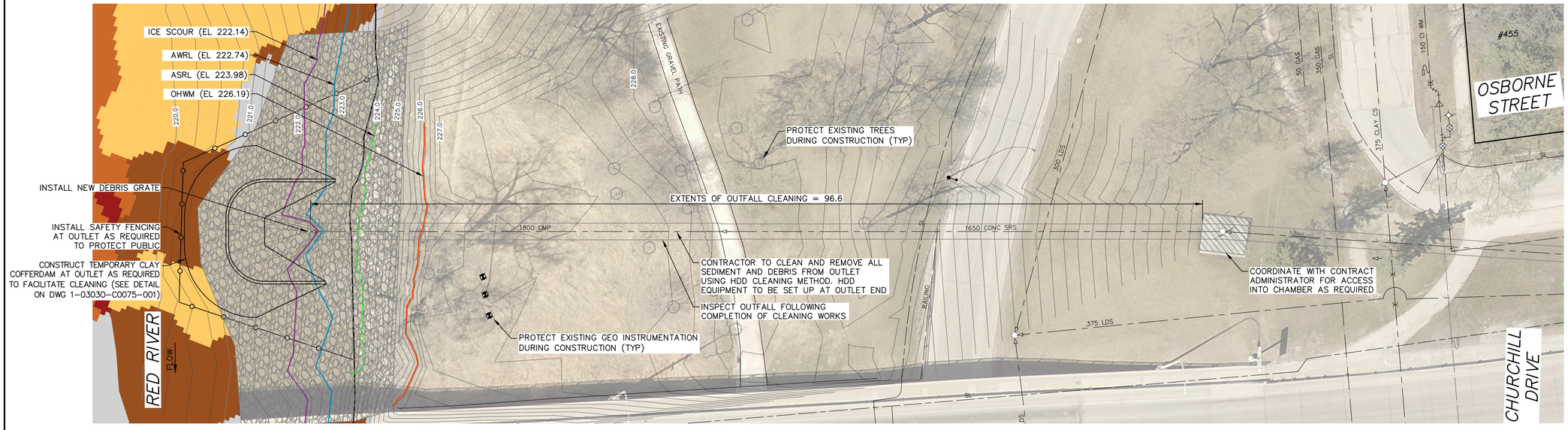
PIPE OUTLET
DATE: 2022–11

NOTES:

1. ALL EXCAVATED MATERIAL WITHIN 107.0 OF THE ASRL MUST BE REMOVED FROM SITE (NO STOCKPILING).
2. CONSTRUCT TEMPORARY CLAY COFFERDAM AT RIVER AS REQUIRED (SEE DWG 1–03030–C0075–001)
3. PERMITS AS REQUIRED FOR CONSTRUCTION OF TEMPORARY ACCESS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
4. ALL MATERIALS, INCLUDING TEMPORARY MATERIAL PLACED TO CONSTRUCT EQUIPMENT PADS AND ACCESS RAMPS, MUST BE REMOVED FROM SITE FOLLOWING COMPLETION OF WORKS.
5. CONTRACTOR TO REMOVE EXISTING DEBRIS GRATE AND INSTALL NEW DEBRIS GRATE.
6. REFERENCE APPENDIX A FOR EXISTING OUTFALL CHAMBER AND LIFT STATION RECORD DRAWINGS.
7. CONTRACTOR TO RESTORE ALL ROAD, CURBS, PATHWAYS, AND LANDSCAPING FEATURES TO PRE–CONSTRUCTION CONDITION.

SUBSTRATE TYPES BELOW ICE SCOUR AFFECTED BY THE PROJECT

EXISTING SUBSTRATE	PERMANENT AREA (m^2)	TEMPORARY AREA (m^2)
COBBLE/BOULDER	0.0	1.0
CLAY WITH EMBEDDED COBBLE/BOULDER	0.0	22.2
CLAY/SILT (SOFT)	0.0	5.0
RIPRAP		144.5
TOTAL AREA AFFECTED	0.0	172.7



PLAN
SCALE 1:250

SUBSTRATE LEGEND

- COBBLE/BOULDER
- CLAY WITH EMBEDDED COBBLE/BOULDER
- CLAY/COBBLE/GRAVEL WITH BOULDER
- CLAY/GRAVEL/SAND/WITH BOULDER
- CLAY/SILT (SOFT)
- RIPRAP

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

FOR INDEX PAGE SEE DWG 1–03030–D0013–001

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
0.0 5.0 10.0 15.0 20.0 25.0

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.

2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:

LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	2022 12 02	RBO

KGS GROUP

DESIGNED BY: NGV
CHECKED BY: RBO
DRAWN BY: GEL
APPROVED BY:
SCALE: HORIZONTAL 1:250, VERTICAL 1:50
RELEASED FOR CONSTRUCTION
DATE: 2022 12 02
DATE:
PLOT DATE: 2022 12 02

ENGINEER'S SEAL
PROVINCE OF MANITOBA — 2022-12-02 — R. B. OFFMAN — Member — 22701 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
1–03030–C0072–001

BID OPPORTUNITY: 910–2022

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2022 OUTFALL PROGRAM

SHEET 8 OF 12

CITY DRAWING NUMBER
1–03030–C0072–001

CHURCHILL DR & OSBORNE ST OUTFALL
PLAN AND PROFILE
S–MA70006325

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