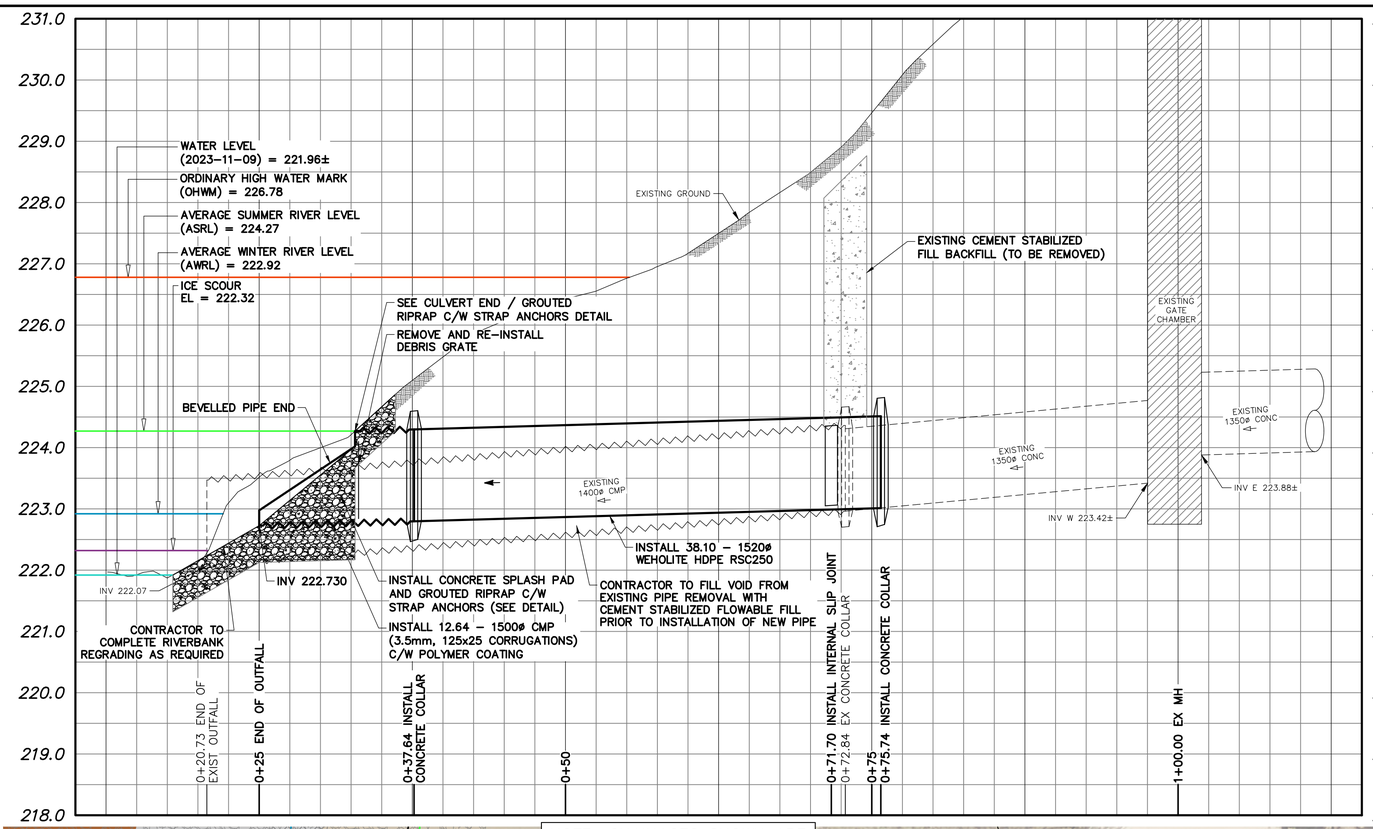


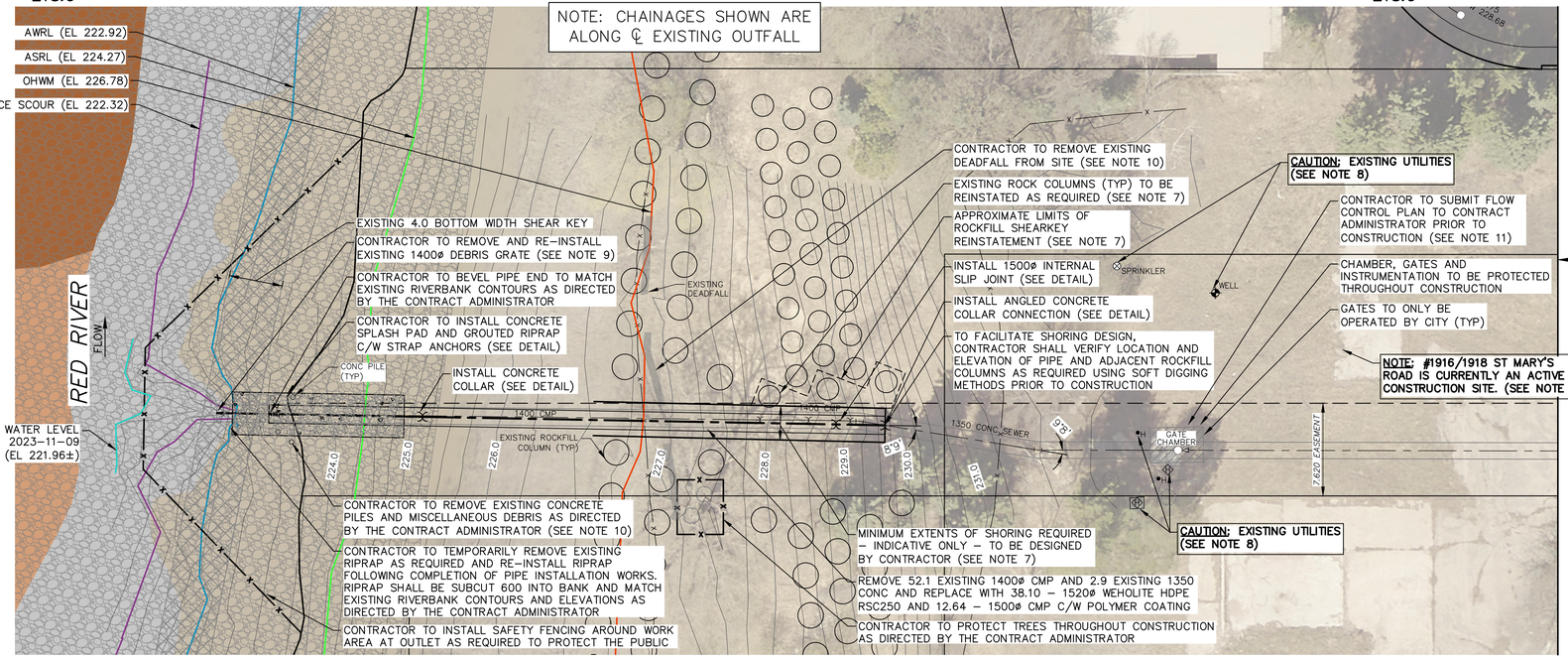
NOTES:

1. ALL EXCAVATED MATERIAL WITHIN 107.0 OF THE ASRL MUST BE REMOVED FROM SITE (NO STOCKPILING)
2. ALL MATERIALS, INCLUDING TEMPORARY MATERIALS PLACED TO CONSTRUCT ACCESS RAMPS, MUST BE REMOVED FROM SITE FOLLOWING COMPLETION OF CONSTRUCTION.
3. THE CONTRACTOR IS ADVISED THAT #1916/1918 ST MARY'S ROAD IS CURRENTLY AN ACTIVE CONSTRUCTION SITE FOR A NEW BUILDING DEVELOPMENT. AS SUCH, THE CONTRACT ADMINISTRATOR HAS COORDINATED WITH THE PROPERTY OWNER FOR SITE ACCESS TO FACILITATE THE PROPOSED OUTFALL CONSTRUCTION. REFERENCE SECTION D2 IN THE CONTRACT DOCUMENTS.
4. FURTHER TO NOTE 3, THE CONTRACTOR SHALL DEVELOP SUITABLE ACCESS AND LAYDOWN AREA(S) AS REQUIRED TO FACILITATE CONSTRUCTION. THE CONTRACTOR SHALL MAKE EVERY REASONABLE EFFORT TO MINIMIZE THE CONSTRUCTION FOOTPRINT AND SURFACE DAMAGE. CONTRACTOR TO PROVIDE ACCESS PLAN AND EQUIPMENT LIST TO THE CONTRACT ADMINISTRATOR FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. REFERENCE SECTION D2 IN THE CONTRACT DOCUMENTS.
5. PERMITS AS REQUIRED FOR CONSTRUCTION OF TEMPORARY ACCESS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
6. CONTRACTOR TO PROTECT AND/OR REMOVE EXISTING TREES AS REQUIRED TO FACILITATE ACCESS AND AS APPROVED BY THE CONTRACT ADMINISTRATOR. ALL TREES REQUIRING REMOVAL SHALL BE MARKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION FOR REVIEW AND APPROVAL.
7. TO PROTECT THE SURROUNDING PROPERTY AND EXISTING INFRASTRUCTURE, SHORING IS TO BE DESIGNED AND SEALED BY A PROFESSIONAL ENGINEER. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE PIPE AND ADJACENT ROCKFILL COLUMNS USING SOFT DIGGING METHODS PRIOR TO CONSTRUCTION TO SUPPORT THE CONTRACTOR'S SHORING DESIGN AND WORK PLAN. TO FACILITATE THE INSTALLATION OF SHORING, REINSTATEMENT OF ROCKFILL COLUMNS (AS REQUIRED) HAS BEEN INCLUDED IN THE CONTRACT. TEMPORARY SHORING FOR OUTFALL WORK SHALL INCLUDE THE MAXIMUM ROCKFILL REINSTATEMENT LIMITS IDENTIFIED AND ALSO CONSIDER OFFLOADING IMPACTS ALONG THE NORTH WALL TO SUPPORT THE ROCKFILL REINSTATEMENT WORK. REFERENCE D2, E26, AND E27 IN THE CONTRACT DOCUMENTS.
8. THE CONTRACTOR IS ADVISED THAT THERE ARE EXISTING PERMANENT AND TEMPORARY UTILITIES ON SITE, INCLUDING BUT NOT LIMITED TO TEMPORARY ELECTRICAL SERVICES, HYDRO TRANSFORMER, AND COMMUNICATION SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING UTILITY LOCATES AND VERIFYING THE LOCATION AND ELEVATION OF UTILITIES AS REQUIRED PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR IS REQUIRED TO REMOVE THE EXISTING 1400ø DEBRIS GRATE PRIOR TO CONSTRUCTION. THE GRATE SHALL BE PROTECTED/STORED BY THE CONTRACTOR AND RE-INSTALLED IN THE NEW OUTFALL OUTLET WITH MODIFIED BOLTING COMPONENTS (C/W GALVANIZED CHAIN). SEE DETAILS.
10. THERE ARE FOUR (4) EXISTING CONCRETE PILES, VARIOUS STEEL BARS, AND LARGE DEADFALL ALONG THE RIVERBANK. THE CONTRACTOR SHALL REMOVE THE CONCRETE PILES, DEBRIS, AND DEADFALL FROM SITE AND DISPOSE OF APPROPRIATELY OFF SITE (ALLOWANCE FOR REMOVAL OF DEBRIS IS INCLUDED IN THE CONTRACT).
11. THE RIVERGATE DRIVE OUTFALL PROVIDES ESSENTIAL RELIEF TO THE SOUTH END WASTEWATER POLLUTION CONTROL CENTRE (SEWPCC) CATCHMENT. IN THE UNLIKELY EVENT OF HIGH FLOWS SURPASSING THE CONTRACTOR'S SPECIFIED FLOW CONTROL PLAN FOR THE SITE, AN ALLOWANCE FOR WORKING AREA CLEANUP IS INCLUDED IN THE CONTRACT (IF REQUIRED). REFERENCE SECTION D2 AND E29 IN THE CONTRACT DOCUMENTS.
12. CONTRACTOR TO RESTORE SITE TO PRE-CONSTRUCTION CONDITION FOLLOWING COMPLETION OF CONSTRUCTION.
13. CONTRACTOR TO SUPPLY AND INSTALL OUTFALL WARNING SIGNAGE AT COMPLETION OF CONSTRUCTION. LOCATION ALONG RIVERBANK TO BE PROVIDED BY THE CONTRACT ADMINISTRATOR.

PIPE OUTLET
DATE: 2023-11-03

SUBSTRATE LEGEND

- CLAY
- GRAVEL/CLAY/SILT
- BOULDER/COBBLE/CLAY



PLAN
SCALE 1:250

APEGM
Certificate of Authorization
KGS Group
No. 245

FOR INDEX PAGE SEE DWG 1-03030-D0015-001

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
1	ISSUED WITH ADDENDUM 2	2023 12 04	KBO
0	ISSUED FOR TENDER	2023 11 20	RBO

KGS GROUP

DESIGNED BY	NGV	CHECKED BY	RBO
DRAWN BY	GEL	APPROVED BY	RBO
SCALE: HORIZONTAL	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:50		
DATE	2023 12 04	DATE	

PLOT DATE: 2023 12 04

ENGINEER'S SEAL
PROVINCE OF MANITOBA — 2023-12-04 — R. B. OFFMAN — Member — 24701 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
1-03030-C0077-001

BID OPPORTUNITY: 886-2023

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2023 OUTFALL PROGRAM
RIVERGATE DRIVE OUTFALL REHABILITATION
27 RIVERGATE DRIVE OUTFALL
PLAN AND PROFILE
S-MA70053500

SHEET 3 OF 5

CITY DRAWING NUMBER
1-03030-C0077-001

FILE PATH: \\wpg-file\p-data\Projects\2023\23-0107-013\Dwg\Mun\
FILE NAME: 23-0107-013_PP.dwg