



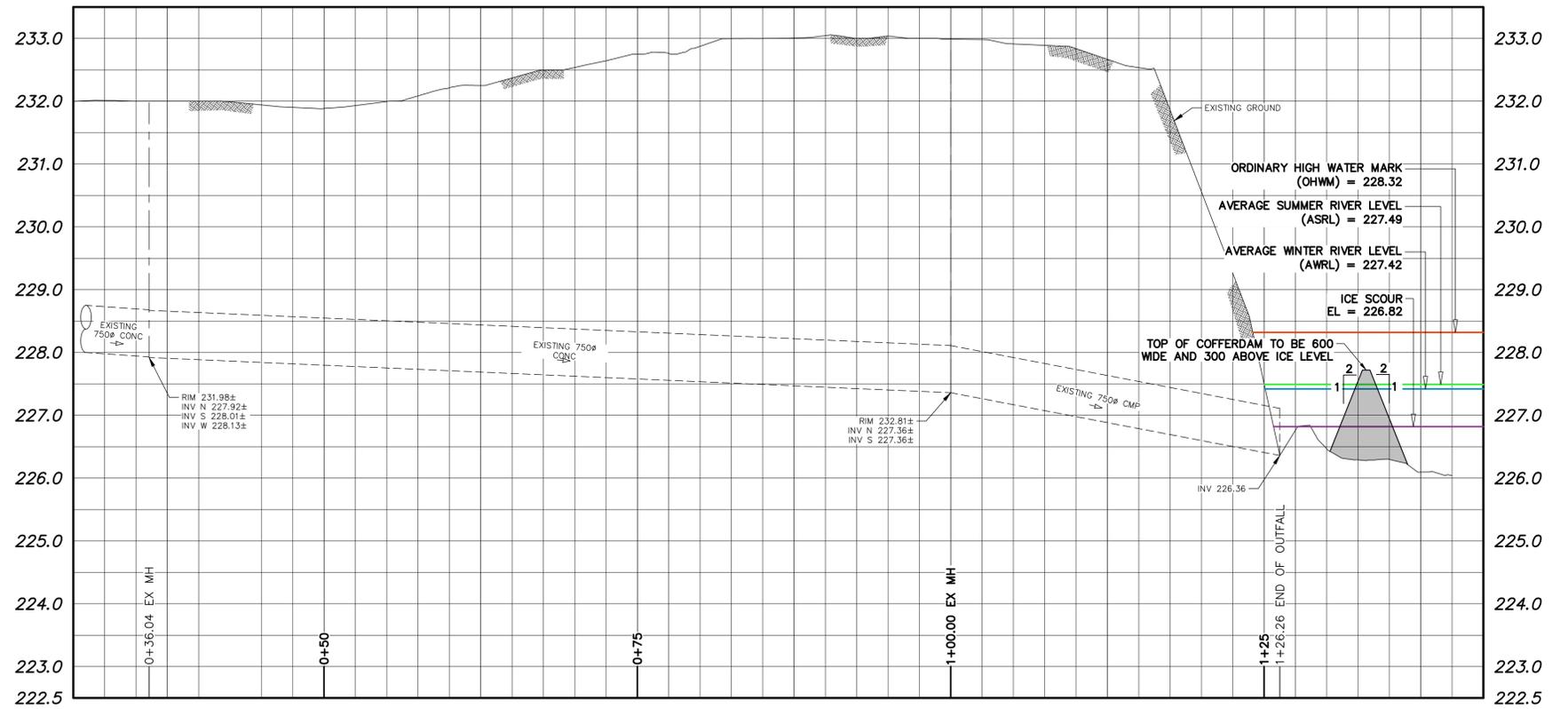
LOOKING EAST ALONG RIVERBANK TOE  
DATE 2020-10



PIPE OUTLET  
DATE 2020-10

NOTES:

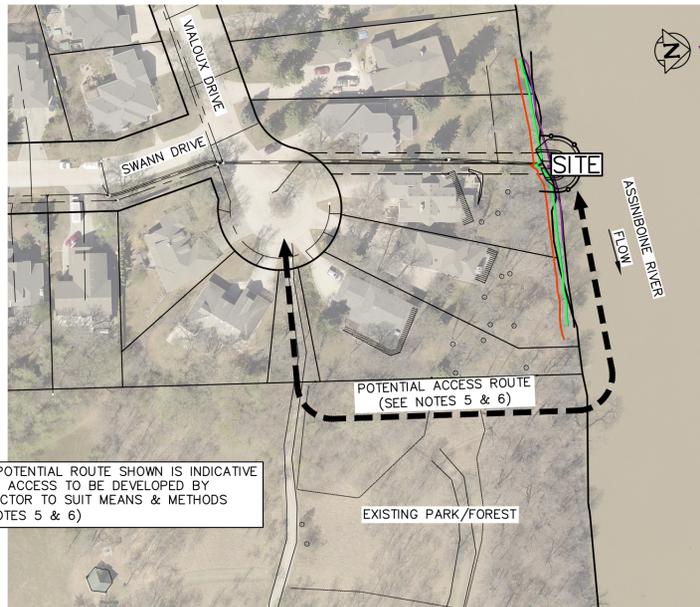
- ALL EXCAVATED MATERIAL WITHIN 107.0 OF THE ASRL MUST BE REMOVED FROM SITE (NO STOCKPILING).
- CONSTRUCT TEMPORARY CLAY COFFERDAM OR SANDBAG DIKE AT RIVER AS REQUIRED TO FACILITATE CLEANING.
- PERMITS AS REQUIRED FOR CONSTRUCTION OF TEMPORARY ACCESS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL MATERIALS, INCLUDING TEMPORARY MATERIAL PLACED FOR CONSTRUCTION EQUIPMENT ACCESS AND PADS, MUST BE REMOVED FROM SITE FOLLOWING COMPLETION OF CLEANING WORKS.
- DUE TO SITE RESTRAINTS AND TO AVOID IMPACTING AND/OR CAUSING DAMAGE TO ADJACENT PROPERTIES, THE CONTRACTOR SHALL DEVELOP ALTERNATE ACCESS ROUTE THROUGH EXISTING PARK SPACE TO ACCESS PIPE OUTLET. SEE POTENTIAL ACCESS ROUTE BELOW. TO BE COORDINATED WITH PARKS AND THE CONTRACT ADMINISTRATOR.
- CONTRACTOR IS ADVISED THAT TEMPORARY CONSTRUCTION ACCESS AGREEMENTS WITH ADJACENT HOME OWNERS ARE EXPECTED TO BE IN PLACE AT TIME OF CONSTRUCTION. CONTRACTOR TO PROVIDE ACCESS PLAN AND EQUIPMENT LIST TO THE CONTRACT ADMINISTRATOR A MINIMUM OF FIVE (5) BUSINESS DAYS PRIOR TO STARTING CONSTRUCTION. CONTRACTOR NOT TO ACCESS SITE WITHOUT CONTRACT ADMINISTRATOR'S APPROVAL.



NOTE: CHAINAGES SHOWN ARE ALONG  $\phi$  EXISTING OUTFALL

EXISTING SUBSTRATE	PERMANENT AREA (m <sup>2</sup> )	TEMPORARY AREA (m <sup>2</sup> )
COBBLE/GRAVEL/SAND	0.0	0.0
COBBLE WITH SAND	0.0	0.0
GRAVEL/SAND WITH SOME CLAY	0.0	47.0
SAND/GRAVEL/CLAY	0.0	7.2
SAND WITH CLAY	0.0	36.9
CLAY WITH SAND	0.0	0.0
SILTY SAND	0.0	0.0
TOTAL AREA AFFECTED	0.0	91.1

SUBSTRATE LEGEND	
	COBBLE/GRAVEL/SAND
	COBBLE WITH SAND
	GRAVEL/SAND WITH SOME CLAY
	SAND/GRAVEL/CLAY
	SAND WITH CLAY
	CLAY WITH SAND
	SILTY SAND



POTENTIAL ACCESS ROUTE  
SCALE: N.T.S.

NOTE: POTENTIAL ROUTE SHOWN IS INDICATIVE ONLY - ACCESS TO BE DEVELOPED BY CONTRACTOR TO SUIT MEANS & METHODS (SEE NOTES 5 & 6)



AS REQUIRED TO FACILITATE CLEANING, THE CONTRACTOR SHALL DEVELOP ACCESS THROUGH EXISTING PARK SPACE TO ACCESS OUTLET (SEE NOTES 5 & 6)

PLAN  
SCALE 1:250

**ES** ENGINEERS  
GEOSCIENTISTS  
MANITOBA  
Certificate of Authorization  
KGS Group  
No. 245

FOR INDEX PAGE SEE DWG  
1-03030-D0009-001

METRIC  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



**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.	ISSUED FOR TENDER	DATE	BY
	0	ISSUED FOR TENDER	2021 11 05	
		REVISIONS	DATE	BY

**KGS GROUP**  
DESIGNED BY NGV  
DRAWN BY GEL  
SCALE:  
HORIZONTAL 1:250  
VERTICAL 1:50  
CHECKED BY  
APPROVED BY  
RELEASED FOR CONSTRUCTION  
DATE 2021 11 04

ENGINEER'S SEAL  
CONSULTANT DRAWING NUMBER  
1-03030-C0058-001

**Winnipeg**  
THE CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION  
2020-2021 OUTFALL PROGRAM  
CLEANING  
3087 VALOUX DRIVE OUTFALL  
PLAN AND PROFILE  
S-MA60003875  
SHEET 21 OF 26  
CITY DRAWING NUMBER  
1-03030-C0058-001