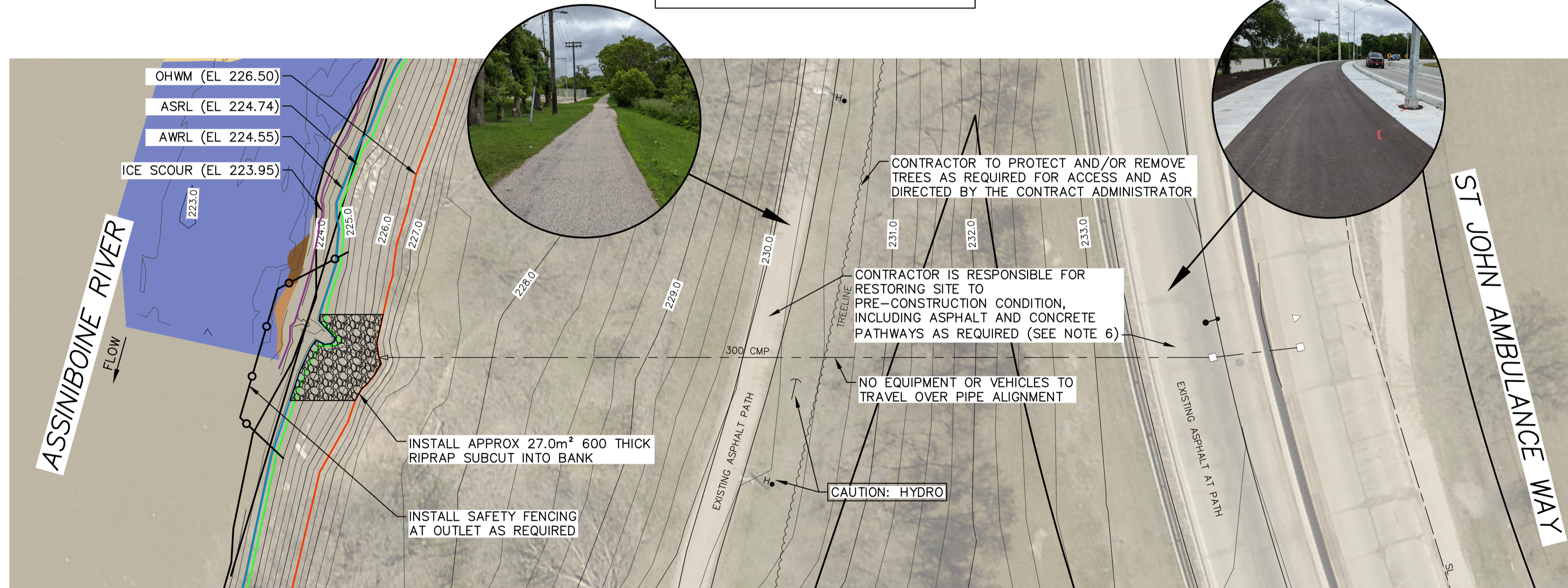


LOOKING EAST ALONG SHORELINE  
DATE 2020-10

NOTES:

1. ALL EXCAVATED MATERIAL WITHIN 107.0 OF THE ASRL MUST BE REMOVED FROM SITE (NO STOCKPILING).
2. CONSTRUCT TEMPORARY CLAY COFFERDAM AT OUTLET AS REQUIRED (SEE DWG 1-03030-C0063-001).
3. CONTRACTOR TO INSTALL PROPER WARNING SIGNS ALONG PEDESTRIAN PATHWAYS AND AT ROAD CONCERNING WORK SITE.
4. CONTRACTOR TO DEVELOP SUITABLE ACCESS ROUTE AS REQUIRED. ACCESS PLAN TO BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WORK.
5. CONTRACTOR TO COMPLETE SEWER INSPECTION OF OUTFALL PRE AND POST CONSTRUCTION.
6. CONTRACTOR IS RESPONSIBLE FOR RESTORING SITE TO PRE-CONSTRUCTION CONDITIONS, INCLUDING PATHWAYS, SIDEWALK, CURBING, AND LANDSCAPING FEATURES.
7. CONTRACTOR TO USE CAUTION AND CARE WHEN EXPOSING PIPE OUTLET AND ENSURE NO DAMAGE TO PIPE IS CAUSED. A LINE ITEM FOR MINOR CLEANING IS INCLUDED IN THE CONTRACT TO CLEAN AND REMOVE SILT BUILDUP FROM THE OUTLET.
8. PERMITS AS REQUIRED FOR CONSTRUCTION OF TEMPORARY ACCESS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

NOTE: CHAINAGES SHOWN ARE ALONG  $\text{C}$  EXISTING OUTFALL



**SUBSTRATE LEGEND**

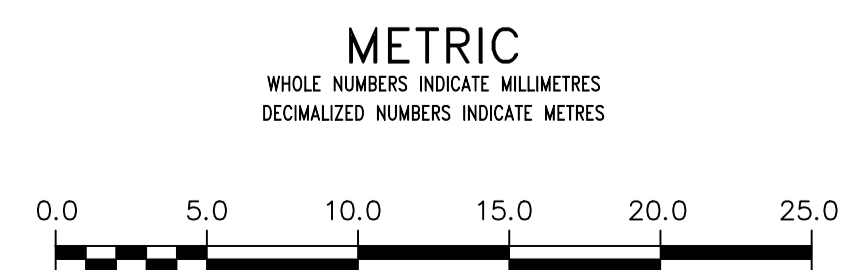
	COBBLE/GRAVEL/BOULDER
	SANDY COBBLE/GRAVEL
	SILTY CLAY WITH GRAVEL
	SILTY CLAY

**SUBSTRATE TYPES BELOW ICE SCOUR AFFECTED BY THE PROJECT**

EXISTING SUBSTRATE	PERMANENT AREA (m <sup>2</sup> )	TEMPORARY AREA (m <sup>2</sup> )
COBBLE/GRAVEL/BOULDER	0.0	0.0
SANDY COBBLE/GRAVEL	0.0	0.0
SILTY CLAY WITH GRAVEL	0.0	0.0
SILTY CLAY	0.0	0.0
<b>TOTAL AREA AFFECTED</b>	<b>0.0</b>	<b>0.0</b>

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

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



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

ENGINEER'S SEAL  
CONSULTANT DRAWING NUMBER  
1-03030-C0060-001

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

2020-2021 OUTFALL PROGRAM  
EROSION PROTECTION  
521 ST JOHN AMBULANCE WAY OUTFALL  
PLAN AND PROFILE  
S-MA20011467

SHEET 23 OF 26  
CITY DRAWING NUMBER  
1-03030-C0060-001