

- 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 OUTLET TO FACILITATE WORK AS REQUIRED.
 - CONTRACTOR TO PROVIDE AND INSTALL PROPER WARNING SIGNS ALONG PEDESTRIAN PATHWAY CONCERNING WORK SITE.
 - CONTRACTOR TO PROVIDE ALTERNATE PEDESTRIAN ACCESS AND/OR REROUTE PEDESTRIANS AS REQUIRED.
 - CONTRACTOR TO COMPLETE SEWER INSPECTION OF OUTFALL PRE AND POST CONSTRUCTION.
 - CONTRACTOR TO RESTORE SITE TO PRE-CONSTRUCTION CONDITION.
 - PERMITS AS REQUIRED FOR TEMPORARY ACCESS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

SUBSTRATE LEGEND

	BOULDER WITH SOME COBBLE/GRAVEL/SILT/CLAY
	BOULDER WITH FINES
	COBBLE/SAND/CLAY/SILT/GRAVEL
	GRAVEL/SAND/CLAY/SILT
	CLAY/SILT WITH SAND
	CONCRETE SLAB

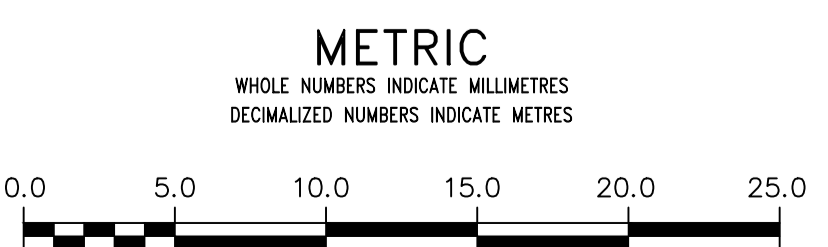
SUBSTRATE TYPES BELOW ICE SCOUR AFFECTED BY THE PROJECT

EXISTING SUBSTRATE	PERMANENT AREA (m ²)	TEMPORARY AREA (m ²)
BOULDER WITH SOME COBBLE/GRAVEL/SILT/CLAY	0.0	0.0
BOULDER WITH FINES	0.0	9.8
COBBLE/SAND/CLAY/SILT/GRAVEL	0.0	0.0
GRAVEL/SAND/CLAY/SILT	0.0	38.7
CLAY/SILT WITH SAND	10.0	77.3
CONCRETE SLAB	4.3	0.0
TOTAL AREA AFFECTED	14.3	125.8

PLAN SCALE 1:250

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
 DRAWN BY GEL
 SCALE: HORIZONTAL 1:250, VERTICAL 1:50
 DATE 2021 11 04

ENGINEER'S SEAL
 CONSULTANT DRAWING NUMBER 1-03030-C0061-001

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION
 2020-2021 OUTFALL PROGRAM
 EROSION PROTECTION
 63 BARKER BOULEVARD OUTFALL
 PLAN AND PROFILE
 S-MA70031713
 SHEET 24 OF 26
 CITY DRAWING NUMBER 1-03030-C0061-001