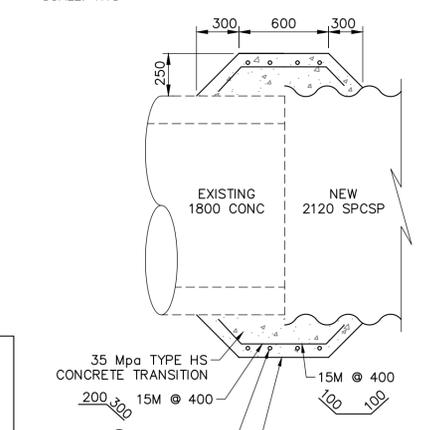


SUBSTRATE LEGEND

	CLAY WITH GRAVEL/COBBLE
	SILTY CLAY

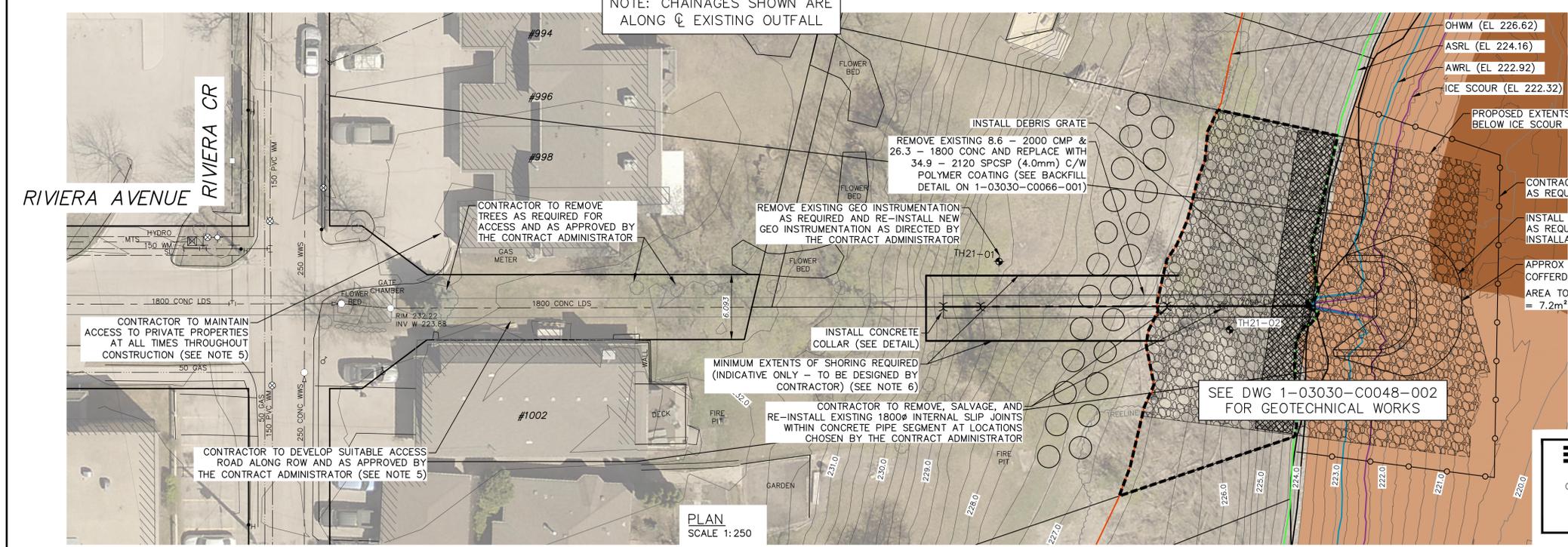


SUBSTRATE TYPES BELOW ICE SCOUR AFFECTED BY THE PROJECT

EXISTING SUBSTRATE	PERMANENT AREA (m ²)
CLAY WITH GRAVEL/COBBLE	47.0
SILTY CLAY	212.2
TOTAL AREA AFFECTED	259.2

- NOTES:**
- ALL EXCAVATED MATERIAL WITHIN 107.0 OF THE ASRL (AVERAGE SUMMER RIVER LEVEL) MUST BE REMOVED FROM SITE (NO STOCKPILING).
 - CONSTRUCT TEMPORARY CLAY COFFERDAM AT RIVER AS REQUIRED TO FACILITATE PIPE INSTALLATION.
 - 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.
 - CONTRACTOR TO RESTORE SITE, INCLUDING ROAD, CURBS, AND LANDSCAPING FEATURES, TO PRE-CONSTRUCTION CONDITION.
 - CONTRACTOR IS ADVISED THAT TEMPORARY CONSTRUCTION ACCESS AGREEMENTS WITH ADJACENT PROPERTY OWNERS ARE EXPECTED TO BE IN PLACE AT TIME OF CONSTRUCTION. CONTRACTOR TO DEVELOP SUITABLE ACCESS ALONG 6.093 WIDE ROW AND PRIVATE PROPERTIES AS REQUIRED TO FACILITATE CONSTRUCTION, HOWEVER SHALL MAKE EVERY REASONABLE EFFORT TO MINIMIZE CONSTRUCTION FOOTPRINT AND SURFACE DAMAGE. CONTRACTOR TO PROVIDE ACCESS PLAN AND EQUIPMENT LIST TO CONTRACT ADMINISTRATOR FOR REVIEW AND APPROVAL PRIOR TO STARTING CONSTRUCTION.
 - TO PROTECT SURROUNDING PROPERTY, SHORING IS TO BE DESIGNED AND SEALED BY A PROFESSIONAL ENGINEER. SHORING SHALL BE DESIGNED TO ACCOMMODATE AND PROTECT INTEGRITY OF ADJACENT ROCKFILL COLUMNS AS REQUIRED.

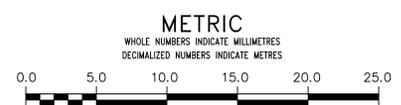
NOTE: CHAINAGES SHOWN ARE ALONG ϕ EXISTING OUTFALL



RED RIVER
FLOW



FOR INDEX PAGE SEE DWG 1-03030-D0011-001



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	2022 11 07	RBO
	REVISIONS	DATE	BY

KGS GROUP

DESIGNED BY NGV
DRAWN BY GEL
SCALE: HORIZONTAL 1:250, VERTICAL 1:50
CHECKED BY RBO
APPROVED BY RBO
RELEASED FOR CONSTRUCTION
DATE 2022 11 08

ENGINEER'S SEAL
CONSULTANT DRAWING NUMBER
1-03030-C0063-001

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION
RIVIERA CRESCENT OUTFALL REHABILITATION
SHEET 3 OF 6
RIVIERA CRESCENT OUTFALL
PLAN AND PROFILE
S-MA70007648
CITY DRAWING NUMBER
1-03030-C0063-001