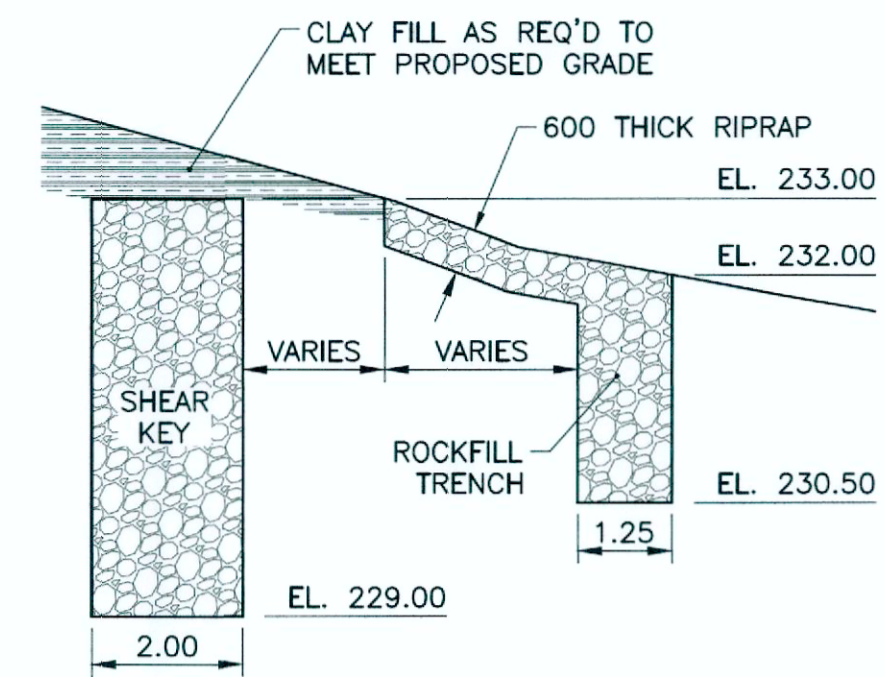
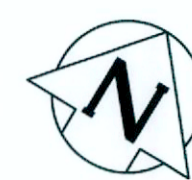
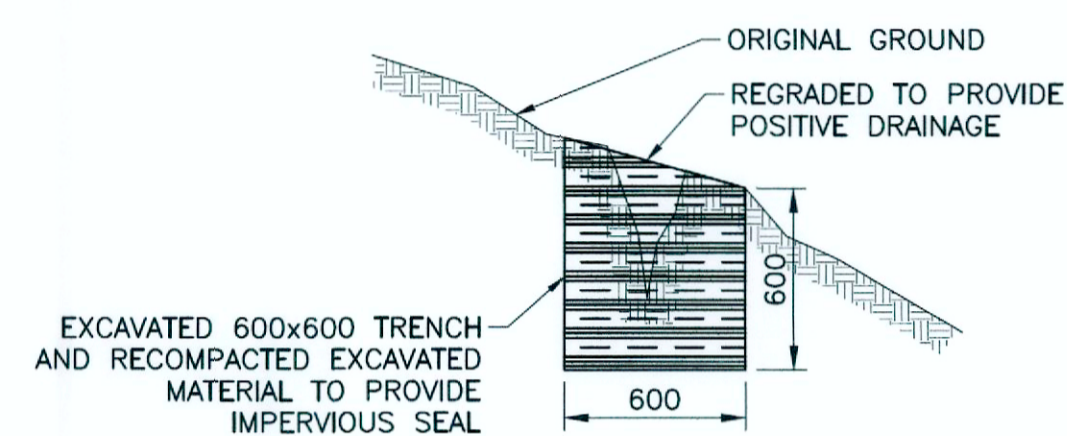


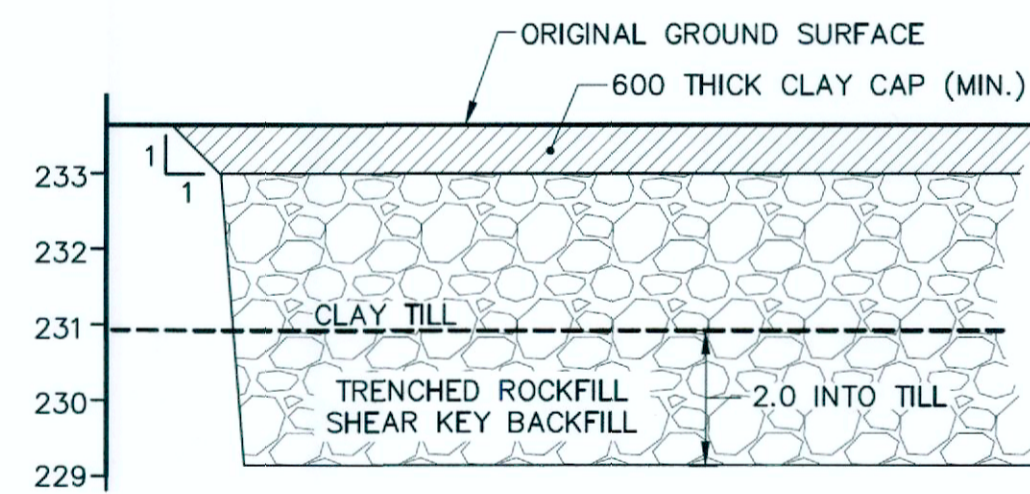
PLAN
SCALE 1:250



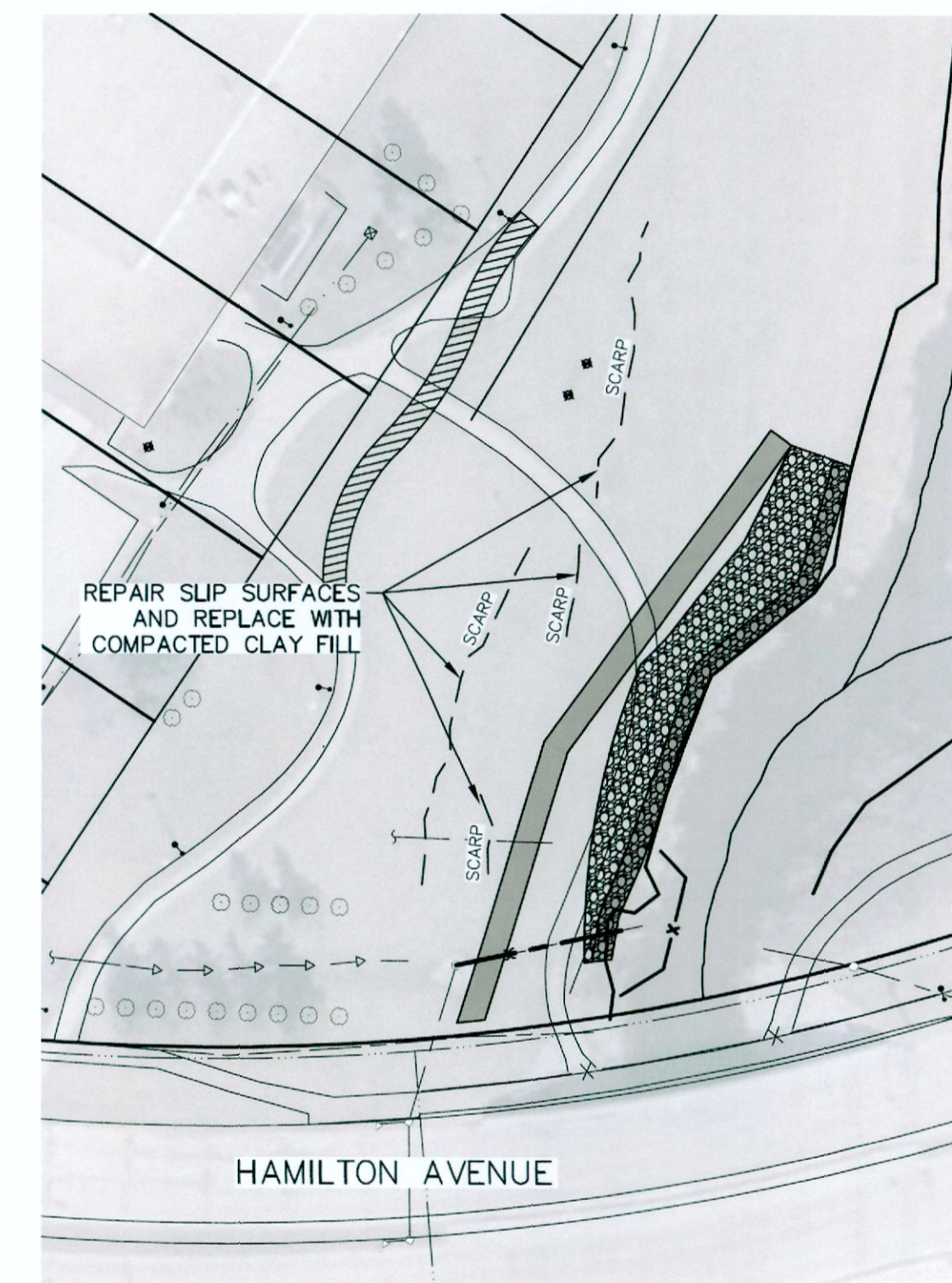
RIPRAP AND ROCKFILL TRENCH DETAIL
SCALE: N.T.S.



SLIP SURFACE REPAIR DETAIL
SCALE: N.T.S.



TRENCHED ROCKFILL SHEAR KEY
SCALE: N.T.S.



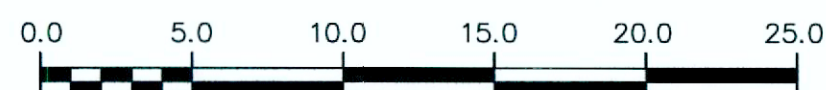
SLIP SURFACE REPAIR PLAN
SCALE: N.T.S.

NOTES:

1. ALL EXCAVATED MATERIAL WITHIN 76.0 OF THE RSRL MUST BE REMOVED FROM SITE (NO STOCKPILING).
2. CONSTRUCT CLAY COFFERDAM AT CREEK AS REQUIRED (SEE DWG LD-9558).
3. CONTRACTOR TO PROVIDE AND INSTALL PROPER WARNING SIGNS ALONG PEDESTRIAN PATHWAY CONCERNING WORK SITE.

FOR INDEX PAGE
SEE DWG LD-9554

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 UTILITIES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.	NO.	ISSUED FOR TENDER	DATE	BY
	0	ISSUED FOR TENDER	2019 11 26	RBO
		REVISIONS	DATE	BY

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY: AKC	CHECKED BY: DEJA
DRAWN BY: GEL	APPROVED BY: [Signature]
SCALE: HORIZONTAL 1:250, VERTICAL 1:50	RELEASED FOR CONSTRUCTION
DATE: 2019 11 27	DATE:

PLLOT DATE: 2019 11 27

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

ENGINEER'S SEAL
D.E.S. ANDERSON
Member 22316
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER: LD-9556

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

HAMILTON AVENUE BRIDGE OUTFALLS RENEWAL AND REHABILITATION
HAMILTON AVENUE BRIDGE OUTFALLS GEOTECHNICAL WORKS

SHEET 4 OF 6
CITY DRAWING NUMBER: LD-9556