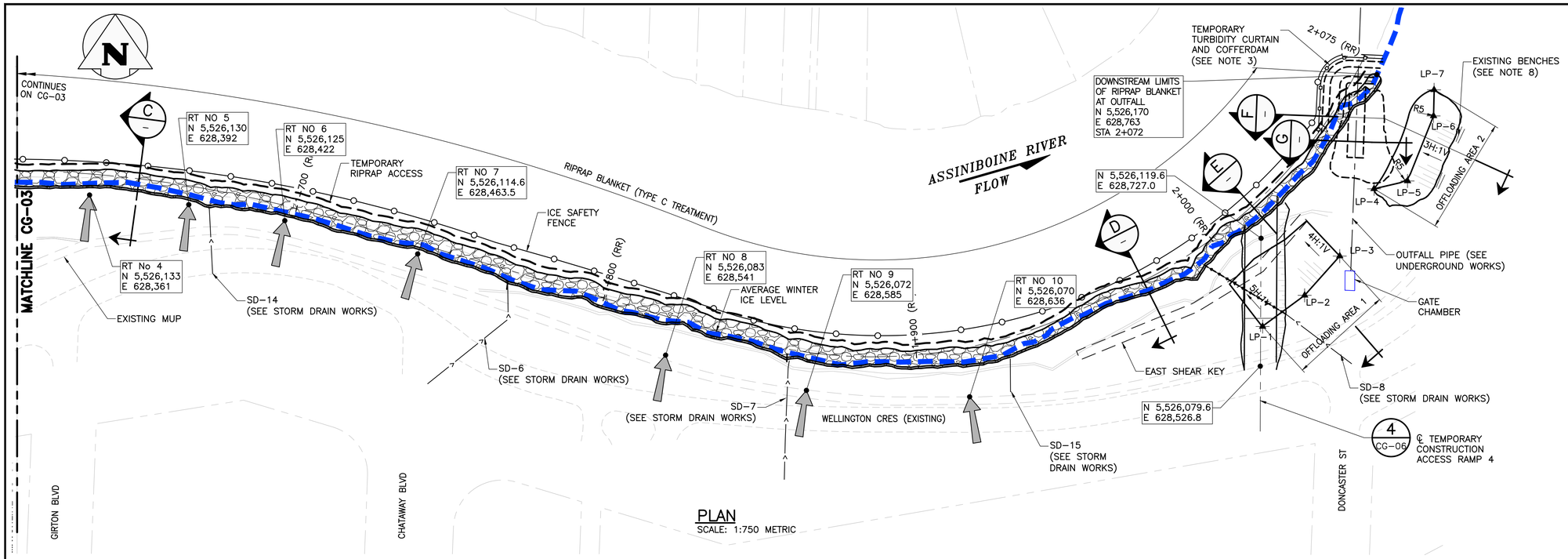


PLAN
SCALE: 1:750 METRIC

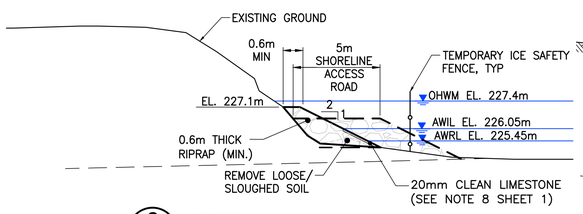
TABLE OF OFFLOADING LAYOUT			
POINT	NORTHING	EASTING	EL. (APPROX.)
LP-1	5526091.9	628727.6	232.5
LP-2	5526101.7	628740.7	232.5
LP-3	5526113.9	628751.6	232.5
LP-4	5526134.9	628762.4	231.2
LP-5	5526137.4	628772.8	231.2
LP-6	5526157.7	628781.0	231.2
LP-7	5526165.8	628781.1	231.2

LEGEND:

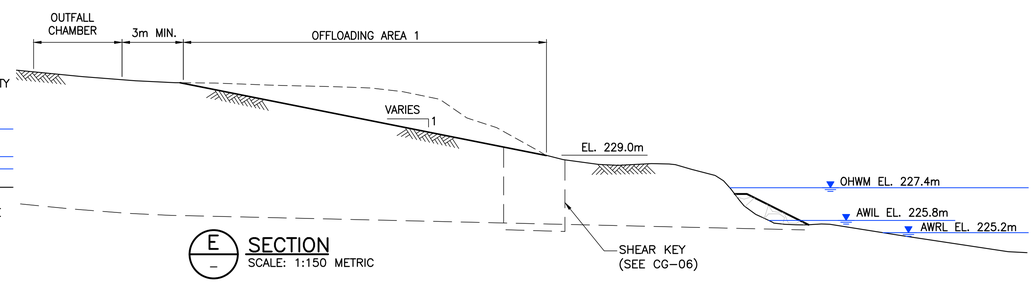
- PROPERTY LINE
- AVERAGE WINTER ICE LEVEL
- MUP — MULTI-USE PATH
- LP-2 — LAYOUT CONTROL POINT
- RIPRAP TRANSFER LOCATION (RT NO. 4)(SEE NOTE 4)

NOTES:

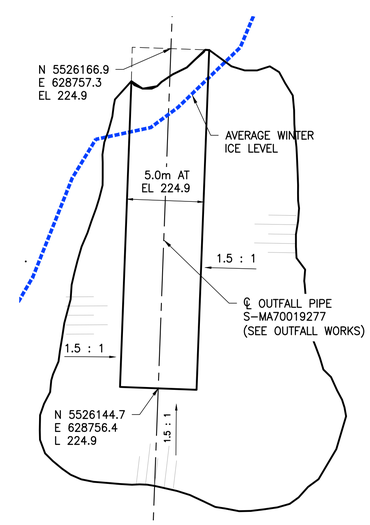
1. CONTACT THE CONTRACT ADMINISTRATOR SHOULD TREE REMOVAL BE DEEMED NECESSARY BY THE CONTRACTOR AT ANY RIPRAP TRANSFER LOCATION. TREES ARE NOT TO BE REMOVED WITHOUT APPROVAL FROM THE CONTRACT ADMINISTRATOR.
2. TAPER OFFLOADING TO EXISTING SLOPES WHEN APPROACHING NORTHWEST CORNER OF GATE CHAMBER. TREES WEST OF GATE CHAMBER ARE NOT TO BE REMOVED WITHOUT APPROVAL FROM THE CONTRACT ADMINISTRATOR.
3. FOR INSTALLATION OF NEW SECTION OF OUTFALL PIPE IN THE RIVER, CONTRACTOR TO PROVIDE A WATER MANAGEMENT PLAN FOR APPROVAL BY THE CONTRACT ADMINISTRATOR.
4. RIPRAP TRANSFER POINTS SHOWN ARE AVAILABLE TO THE CONTRACTOR AND NOT ALL NEED TO BE USED, ANY ALTERNATIVE TRANSFER POINTS TO BE APPROVED BY THE CONTRACT ADMINISTRATOR. SEE NOTE 5 AND 6 ON SHEET 1.
5. AT OUTFALL OUTLET END REGRADE TO SUIT FIELD CONDITIONS TO IMPLEMENT CONTINUOUS CLAY PLUG.
6. IN OFFLOADING AREAS THE FOLLOWING SEQUENCE OF WORK SHALL BE FOLLOWED.
   - 6.1. CONSTRUCT RAMP 4 IN CONJUNCTION WITH OFFLOADING OF AREAS 1 AND 2.
   - 6.2. CONSTRUCT RIPRAP BLANKET.
   - 6.3. CONSTRUCT EAST SHEAR KEY.
   - 6.4. REPLACE OUTFALL PIPE.
7. TEMPORARY RIPRAP USED TO FACILITATE ACCESS IN CONSTRAINED AREAS SHALL BE CUT BACK TO FINAL RIPRAP SURFACE. TEMPORARY RIPRAP SHALL NOT SPILL MORE THAN 2m BEYOND FINAL RIPRAP SURFACE.
8. RELOCATE EXISTING BENCHES AWAY FROM NEW EDGE OF SLOPE WITHIN 5m OF ORIGINAL BENCH LOCATIONS.



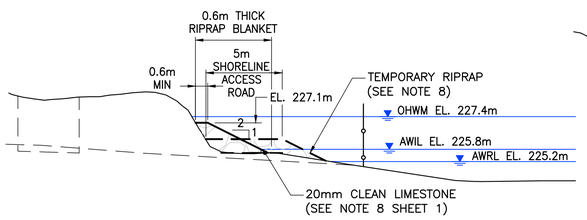
C SECTION (TYPE C TREATMENT)
SCALE: 1:150 METRIC



E SECTION
SCALE: 1:150 METRIC



TEMPORARY OUTFALL EXCAVATION DETAIL
SCALE: 1:200 METRIC



D SECTION (TYPE C TREATMENT)
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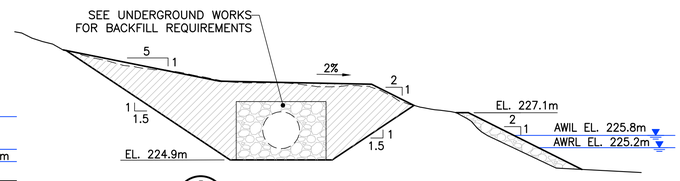
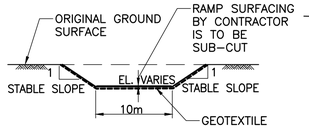
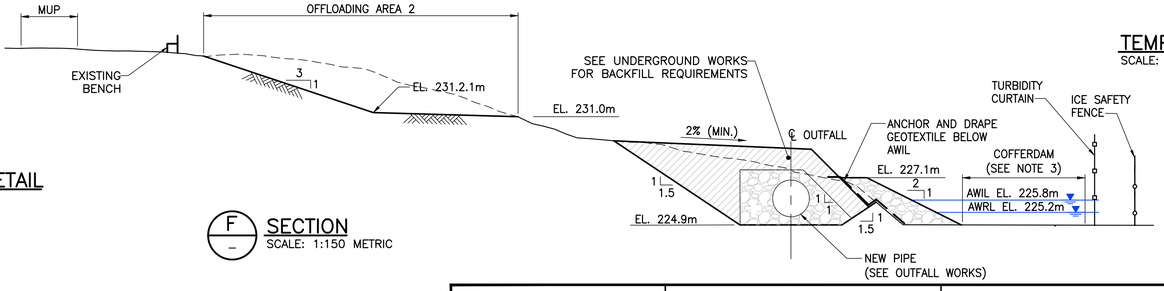


G SECTION
SCALE: 1:150 METRIC



1 CG-03 TYPICAL CONSTRUCTION ACCESS RAMP DETAIL
SCALE: 1:400 METRIC



F SECTION
SCALE: 1:150 METRIC

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PROPERTY LIMITS DELINEATION
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

WARNING
1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
3. SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

SCALE: 1:150 METRIC — SECTIONS (5 0 5 10m)
SCALE: 1:400 METRIC — SECTIONS (10 0 10 20 30m)
SCALE: 1:200 METRIC — DETAILS (5 0 5 10 15m)
SCALE: 1:750 METRIC — PLAN AND PROFILE (25 0 50 75m)

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. KGS_BASE
ELEV. 249.221

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	20/10/05	BPA

KGS GROUP

DESIGNED BY	CMR	CHECKED BY	BPA
DRAWN BY	PwD	APPROVED BY	BPA
HOR. SCALE: VERTICAL:	AS NOTED	RELEASED FOR CONSTRUCTION:	
DATE	2020-08-13	DATE	

ENGINEER'S SEAL

CONSULTANT DRAWING NO. CG-04

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PROJECT TITLE
WELLINGTON CRESCENT RIVERBANK, PATH AND ROADWAY PROJECT
SLOPE STABILIZATION WORKS
RIPRAP PLAN, SECTIONS AND DETAILS (SHEET 2 OF 2)

SHEET 13 OF 69
COMPUTER FILE NAME 18-0107-011_CG-04
CITY DRAWING NUMBER P-3536-13

Filename: R:\Projects\2018\18-0107-011\Dwg\Geo\18-0107-011_CG-04 - Tab:RevO Plotted By: PDeffner 20/10/05 [Mon 11:30am]
A1 (841x594) / PLOT SCALE: 1:1