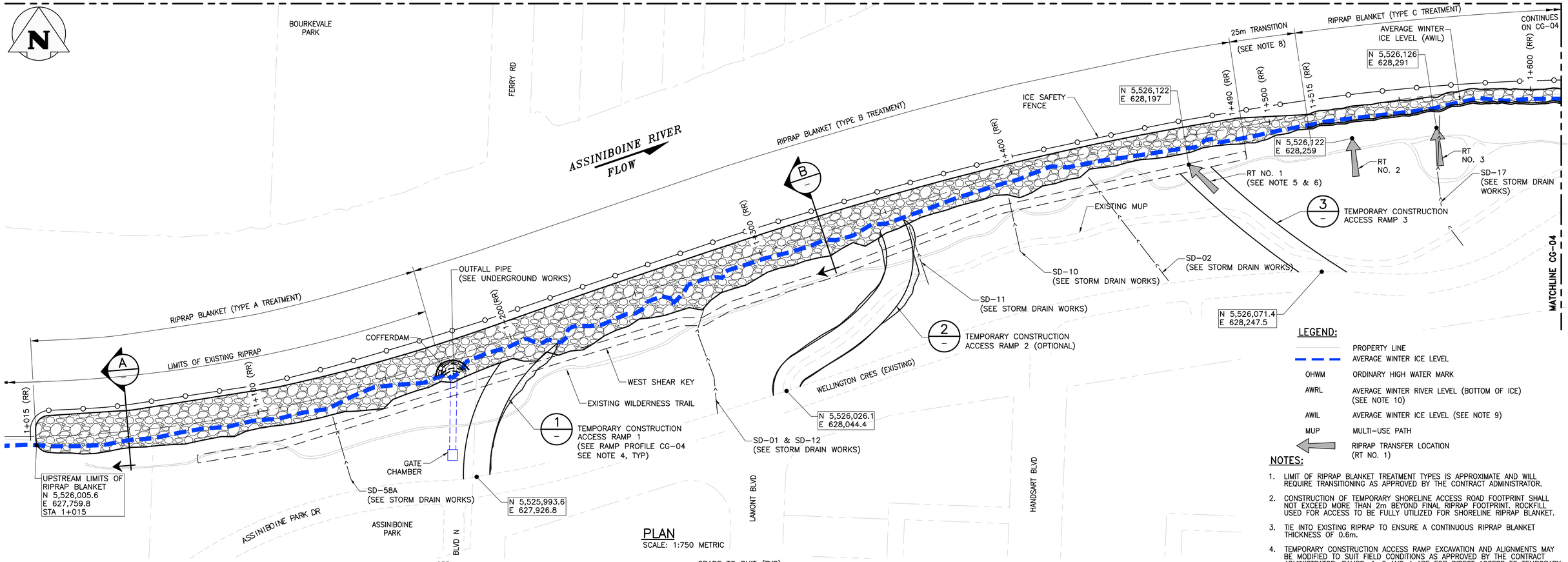
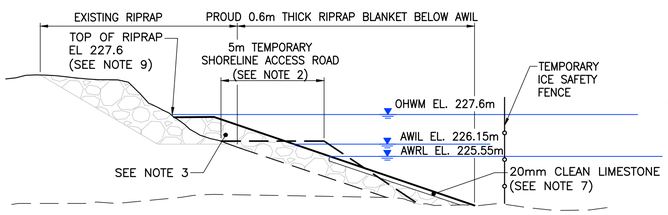
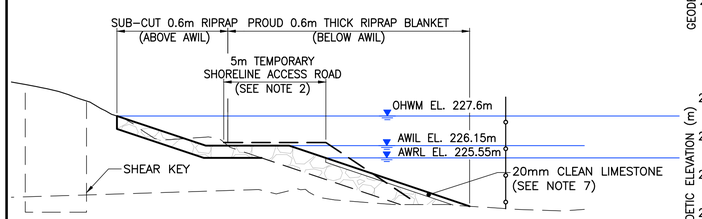


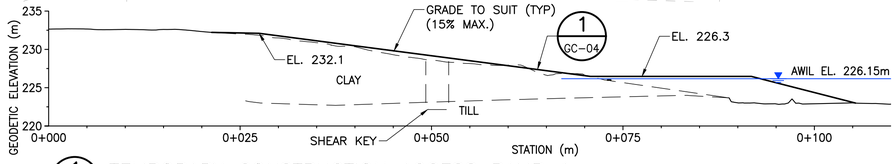
PLAN
SCALE: 1:750 METRIC



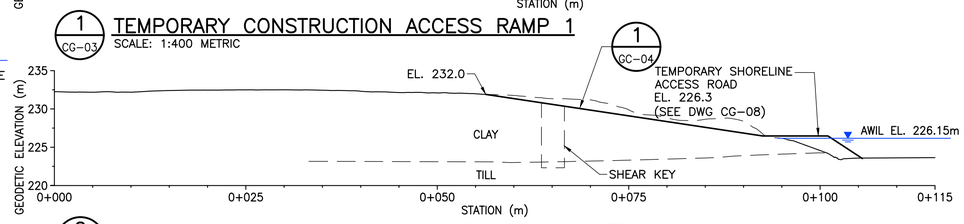
A SECTION (TYPE A TREATMENT, WITHIN EXISTING RIPRAP)
SCALE: 1:150 METRIC



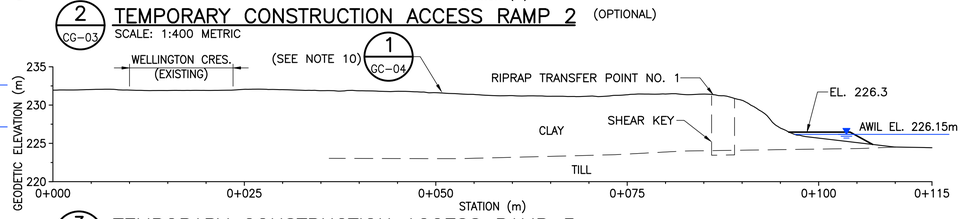
B SECTION (TYPE B TREATMENT, NO EXISITNG RIPRAP)
SCALE: 1:150 METRIC



1 CG-03 TEMPORARY CONSTRUCTION ACCESS RAMP 1
SCALE: 1:400 METRIC



2 CG-03 TEMPORARY CONSTRUCTION ACCESS RAMP 2 (OPTIONAL)
SCALE: 1:400 METRIC



3 CG-03 TEMPORARY CONSTRUCTION ACCESS RAMP 3
SCALE: 1:400 METRIC

LEGEND:

	PROPERTY LINE
	AVERAGE WINTER ICE LEVEL
OHWM	ORDINARY HIGH WATER MARK
AWRL	AVERAGE WINTER RIVER LEVEL (BOTTOM OF ICE) (SEE NOTE 10)
AWIL	AVERAGE WINTER ICE LEVEL (SEE NOTE 9)
MUP	MULTI-USE PATH
	RIPRAP TRANSFER LOCATION (RT NO. 1)

NOTES:

1. LIMIT OF RIPRAP BLANKET TREATMENT TYPES IS APPROXIMATE AND WILL REQUIRE TRANSITIONING AS APPROVED BY THE CONTRACT ADMINISTRATOR.
2. CONSTRUCTION OF TEMPORARY SHORELINE ACCESS ROAD FOOTPRINT SHALL NOT EXCEED MORE THAN 2m BEYOND FINAL RIPRAP FOOTPRINT. ROCKFILL USED FOR ACCESS TO BE FULLY UTILIZED FOR SHORELINE RIPRAP BLANKET.
3. TIE INTO EXISTING RIPRAP TO ENSURE A CONTINUOUS RIPRAP BLANKET THICKNESS OF 0.6m.
4. TEMPORARY CONSTRUCTION ACCESS RAMP EXCAVATION AND ALIGNMENTS MAY BE MODIFIED TO SUIT FIELD CONDITIONS AS APPROVED BY THE CONTRACT ADMINISTRATOR. RAMPS, 1, 2 AND 4 ARE FOR DIRECT ACCESS TO TEMPORARY SHORELINE ACCESS ROAD. RAMP 3 TO SERVE AS ACCESS TO SHEAR KEY AND RIPRAP TRANSFER POINT ACCESS RAMP TO BE RESTORED TO ORIGINAL GRADE AND REVEGETATED.
5. RIPRAP TRANSFER POINTS ARE TO FACILITATE SUPPY OF RIPRAP FROM TOP OF BANK, RIPRAP SHALL NOT BE STOCKPILED WITHIN 15m OF EDGE OF BANK.
6. CONTACT THE CONTRACT ADMINISTRATOR SHOULD TREE REMOVAL BE DEEMED NECESSARY AT ANY RIPRAP TRANSFER LOCATION. TREES ARE NOT TO BE REMOVED WITHOUT APPROVAL FROM THE CONTRACT ADMINISTRATOR.
7. INTERSTITIAL SPACES IN RIPRAP BELOW WINTER ICE LEVEL TO BE CAPPED WITH CLEAN GRAVEL. EVENLY PLACE 3 TO 4 TONNES OF GRAVEL PER METER FROM STA. 1+015 TO 1+500. GRADUALLY REDUCE GRAVEL QUALITY TO SUIT FIELD CONDITIONS EAST OF STA. 1+500.
8. PLACE TOP OF RIPRAP TO TRANSITION FROM EL 227.6m AT STA 1+490 TO EL 227.1m AT STA 1+515.
9. FOR ANTICIPATED RIVER LEVEL PROFILES, REFER TO APPENDIX B OF THE PROJECT SPECIFICATIONS.
10. ANY SURFACING MATERIALS FOR ALL RAMPS ARE TO BE SUB-CUT. TEMPORARY ACCESS RAMP 3 IS ONLY TO FACILITATE ACCESS TO SHEAR KEY CORRIDOR.

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.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

5 0 5 10m
SCALE: 1:150 METRIC SECTIONS
25 0 50 75m
SCALE: 1:750 METRIC PLAN AND PROFILE

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

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.

300 LDS	LAND DRAINAGE SEWER	300 LDS		FENCE				
250 WWS	WASTE WATER SEWER	250 WWS		TEST HOLE				
	GAS			GUY WIRE				
	HYDRO			LIGHT STANDARD				
	M.T.S.			BACK OF CURB				
150 WM	WATERMAIN	150 WM		CONCRETE			℄ PROFILE	
	HYDRANT			ASPHALT			EDGE OF ALLEY LHS	
	VALVE			SIDEWALK			EDGE OF ALLEY RHS	
	MANHOLE			PROPERTY LINE			N/W LANE ℄	
	CATCH BASIN			SURVEY BAR			S/E MEDIAN ℄	
	CURB INLET			GEODETIC BENCHMARK		LHS/RHS	GARAGE/PARKING SLAB	
	POLES T-MTS H-HYDRO		231.33	ELEVATION	232.231		WINDOW/DOOR SILL	
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED

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-03

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 1 OF 2)

SHEET 12 OF 69
COMPUTER FILE NAME 18-0107-011_CG-03
CITY DRAWING NUMBER P-3536-12

Filename: R:\Projects\2018\18-0107-011\Dwg\Geo\18-0107-011_CG-03 - Tab:Rev0 Plotted By: PDeffner 20/10/05 [Mon 11:30am]
A1 (841x594) / PLOT SCALE: 1:1