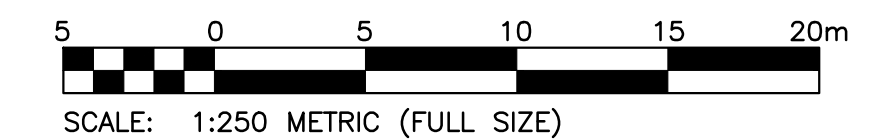


**LEGEND:**

- RSRL REGULATED SUMMER RIVER LEVEL (EL 224.26m)
- UWRL UNREGULATED WINTER RIVER LEVEL (EL 222.86m)

**NOTES:**

1. FOR TESTHOLE LOG INFORMATION REFER TO APPENDIX A.
2. GROUND SURFACE BASED ON TOPOGRAPHY SHOWN IN DWG. 14-0107-035\_G01.
3. STRATIGRAPHY BASED ON KGS GROUP TEST HOLES AND CPTU-PROFILES COMPLETED IN JULY 2013.
4. LOW AREAS SHALL BE DRAINED WITH PERMANENT DRAINAGE SWALES, LINED WITH RIPRAP. FINAL ALIGNMENT OF DRAINAGE SWALES TO SUITE SITE CONDITIONS AS APPROVED BY THE CONTRACT ADMINISTRATOR.
5. RIPRAP BLANKET SHALL BE PLACED 10m INTO RIVER AS MEASURED FROM THE WINTER RIVER LEVEL BANK CONTACT.
6. RIPRAP ABOVE THE UWRL SHALL BE SUBCUT INTO THE EXISTING BANK 0.6m THICK, AS APPROVED BY THE CONTRACT ADMINISTRATOR.
7. RIVERBANK EXCAVATION REQUIRED AT THE LOWER BANK AS SHOWN PRIOR TO RIPRAP PLACEMENT. EXTENT OF RIVERBANK EXCAVATION SHALL MINIMIZE TREE REMOVAL AS APPROVED BY THE CONTRACT ADMINISTRATOR.
8. CONTRACTOR MAY CONSTRUCT TURNAROUND AREAS WITHIN THE RIVER CHANNEL AS APPROVED BY THE CONTRACT ADMINISTRATOR.
9. NEW RIPRAP TO BE PLACED AROUND OUTFALL PIPE AND EXISTING RIPRAP AS APPROVED BY THE CONTRACT ADMINISTRATOR.



File Name: U:\FMS\14-0107-035\14-0107-035\_G03.dwg - Tab: G03 Plotted By: emiguel 14/12/08 [Mon 2:25pm]  
 24 x 36 PLOT SCALE:

150 WM	WATERMAIN	150 WM	---	HYDRO	---	EXISTING	LEGEND-PLAN	PROPOSED
⊕	HYDRANT	⊕	---	M.T.S.	---	---	LEGEND-PROFILE	PROPOSED
⊗	VALVE	⊗	---	PROPERTY LINE	---	---		
300 LBS	LAND DRAINAGE SEWER	300 LBS	---	SURVEY BAR	---	---		
250 WWS	WASTE WATER SEWER	250 WWS	---	LIGHT STANDARD	---	---		
○	MANHOLE	●	---	HYDRO POLE	---	---		
□	CATCH BASIN	■	---	GUY WIRE	---	---		
▽	CURB INLET	▽	---	SIGN	---	---		
---	JUNCTIONS	---	---	BUSH LINE	---	---		
---	CULVERT	---	---	FENCE	---	---		
---	GAS	---	---	ELEVATION	---	---		
---		---	---		---	---		

<b>LOCATION APPROVED UNDERGROUND STRUCTURES</b> 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.	REVISIONS
	DATE
	BY

**KGS GROUP** CONSULTING ENGINEERS & PROJECT MANAGERS  
 WINNIPEG (204) 896-1209  
 THUNDER BAY (807) 345-2233

DESIGNED BY: SGB	CHECKED BY: js
DRAWN BY: ESsm	APPROVED BY: RKe
HOR. SCALE: AS NOTED	RELEASED FOR CONSTRUCTION:
VERTICAL: -	DATE

DATE: NOVEMBER 2014

ENGINEER'S SEAL  
 THE ORIGINAL ISSUE REV. 0 WAS STAMPED, DATED AND SIGNED BY:  
 R.M. KENYON, P.ENG  
 ON 2014/12/08  
 CONSULTANT DRAWING NO.  
**14-0107-035\_G03**

**THE CITY OF WINNIPEG**  
 PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT

**KINGS PARK**  
 RIVERBANK EROSION PROTECTION WORKS  
 GENERAL ARRANGEMENT OF WORKS  
 SECTIONS

SHEET 04 OF 05  
 CAD FILE DRAWING NUMBER 14-0107-035\_G03  
 CITY DRAWING NUMBER PPD-WAT-1144-2014-G03