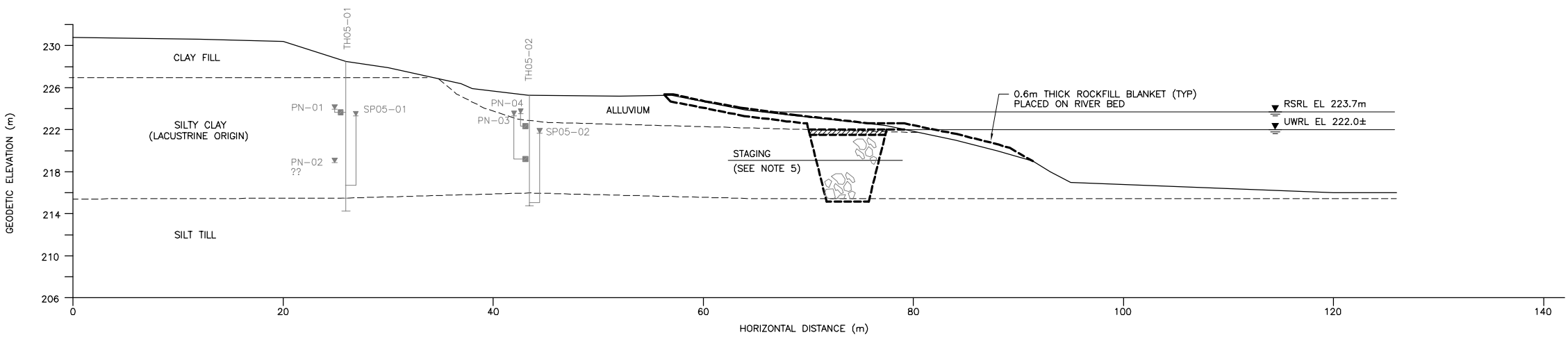
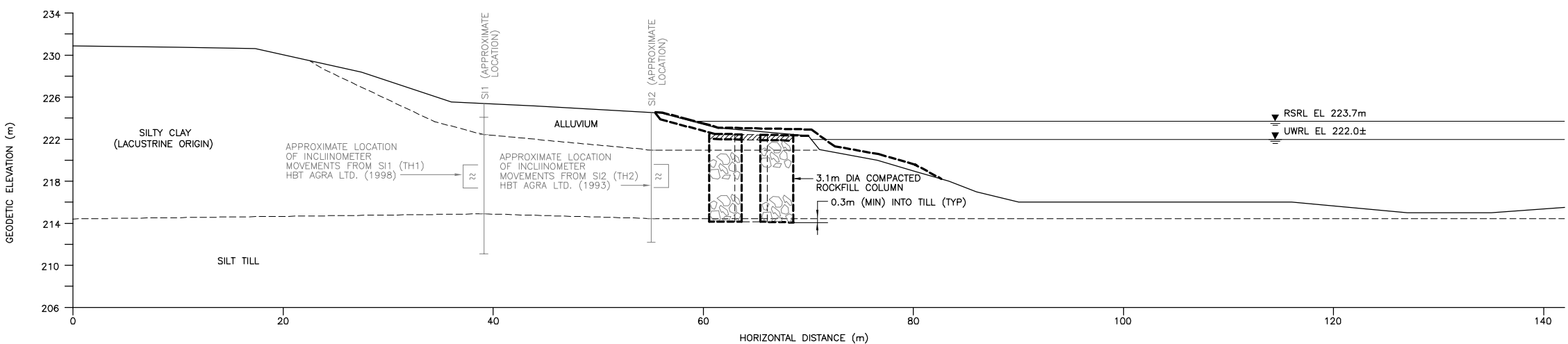


A SECTION
02



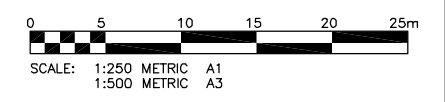
B SECTION
02



C SECTION
02

- LEGEND**
- UWRL UNREGULATED WINTER RIVER LEVEL
 - RSRL REGULATED SUMMER RIVER LEVEL
 - PNEUMATIC PIEZOMETER WITH MEASURED GROUNDWATER LEVEL (NOVEMBER 26, 2005)
 - PIEZOMETER TIP LOCATION
 - - - - ASSUMED STRATIGRAPHIC CONTACT

- NOTE:**
1. RIPRAP BLANKET SHOULD BE PLACED 10m INTO RIVER AS MEASURED FROM THE WINTER RIVER LEVEL BANK CONTACT.
 2. RIPRAP SHALL EXTEND TO THE VEGETATION LINE.
 3. RIPRAP ABOVE THE UWRL SHALL BE SUBCUT IN THE EXISTING BANK 0.6m AND WILL MAINTAIN BANK GEOMETRY.
 4. THE ELEVATION OF THE CLAY CAP SHALL BE ABOVE THE UWRL AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 5. WHERE SHEAR KEY TRENCH WALLS BECOME UNSTABLE AT DEPTH, EXCAVATION SHALL BE STAGED AT 2.5m DEPTH AND ALLOWED TO FREEZE BEFORE EXCAVATING TO FULL DEPTH AS APPROVED BY THE CONTRACT ADMINISTRATOR.



P:\Projects\2005\05-0107-19\Geo\Drawings\TENDER\05-0107-19-02rev0.dwg

	WATERMAIN		HYDRANT		VALVE		PROPERTY LINE		SURVEY BAR		LIGHT STANDARD		HYDRO POLE		SIGN		BUSH LINE		FENCE		ELEVATION		EXISTING		PROPOSED
	LAND DRAINAGE SEWER		WASTE WATER SEWER		MANHOLE		CATCH BASIN		CURB INLET		JUNCTIONS		CULVERT		GAS		TREE		TIMBER PILE						
	EXISTING		PROPOSED		EXISTING		PROPOSED		SI-5		PN-5		SP-3		EXISTING BUILDING		TREE		TIMBER PILE						

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. XX-XXX	ELEV. XXX.XXX
NO.	REVISIONS
DATE	BY
0	ISSUED FOR BIDDING
05/01/06	AMH

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

DESIGNED BY: A.M.H. CHECKED BY: R.Ke.
DRAWN BY: P.D. APPROVED BY: R.Ke.

HOR. SCALE: 1:200
VERTICAL: -

DATE: DECEMBER 2005

ENGINEER'S SEAL

CONSULTANT DRAWING NO. **05-0107-19-03**

THE CITY OF WINNIPEG
PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT

Winnipeg

ST. JOHN'S PARK
RIVERBANK REMEDIATION WORKS
SECTIONS A, B AND C

SHEET **03** OF **03**
CAD FILE DRAWING NUMBER **05-0107-19-03**
CITY DRAWING NUMBER