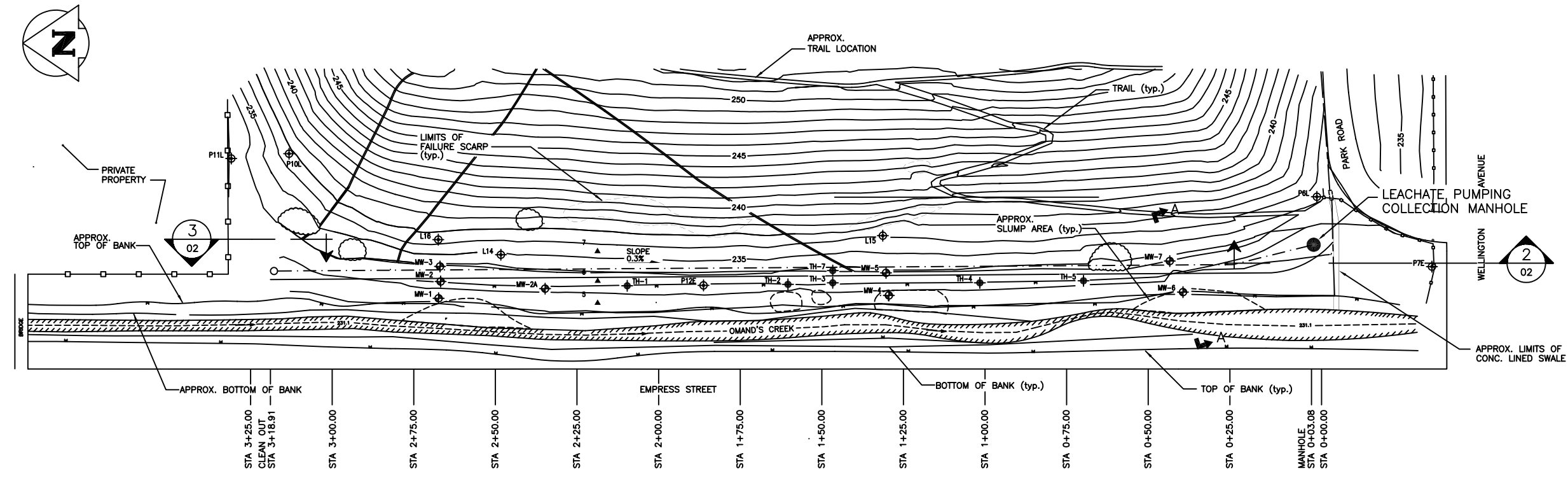
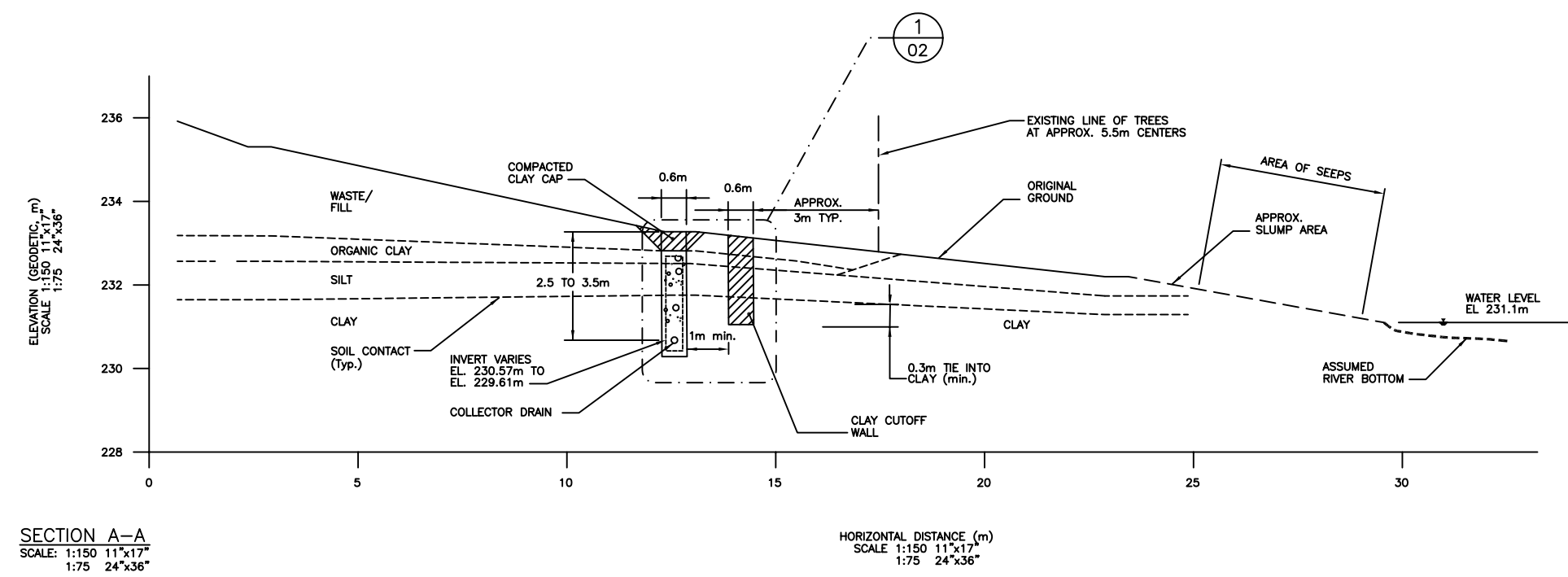


- NOTES:**
1. SITE PLAN BASED ON KGS GROUP TOPOGRAPHIC SURVEY OCT. 25 AND 28, 1996.
  2. GEODETIC ELEVATION BASED ON CITY OF WINNIPEG BENCHMARK 36-054.
  3. FIELD SURVEY BASED ON REFERENCE POINT 1000S, 100E TIED INTO GEODETIC ELEVATION BENCH MARK 36-054.
  4. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ANY INSTRUMENTATION AND SHALL REPLACE ANY DAMAGED INSTRUMENTATION AT HIS COST.

- LEGEND**
- LEACHATE COLLECTOR DRAIN
  - CUT OFF WALL
  - 235 --- EXISTING GROUND ELEVATION CONTOUR (GEODETIC - m)
  - LIMITS OF FAILURE SCARP
  - TOP OF BANK APPROX. LIMITS OF SLUMP AREA
  - TRAIL
  - --- FENCE
  - APPROX. LIMITS OF TREES AND BRUSH
  - CREEK FLOW DIRECTION
  - MANHOLE
  - LEACHATE COLLECTION SUMP
  - TH-2 TESTHOLE LOCATION (KGS GROUP)
  - PBL CITY OF WINNIPEG PROBE
  - ▲ WATER RESOURCE BRANCH TESTHOLE (ABANDONED)
  - MW-1 MONITORING WELL LOCATION (KGS GROUP)



**PLAN — LEACHATE CUTOFF AND COLLECTOR DRAIN**  
 SCALE: 1:1500 11"x17"  
 1:750 24"x36"



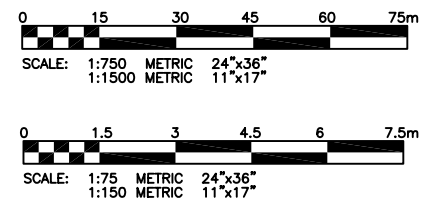
**SECTION A-A**  
 SCALE: 1:150 11"x17"  
 1:75 24"x36"

LEACHATE COLLECTION LINE AND CUTOFF WALL LOCATION		
STATION	LEACHATE COLLECTION LINE OFFSET (m)	LEACHATE CUTOFF WALL OFFSET (m)
0+12.5	33.98	—
0+25	31.88	—
0+37.5	30.48	—
0+50	29.88	27.98
0+87.5	30.28	27.98
0+98.3	29.88	—
1+11.1	30.38	27.08
1+24.6	30.28	27.08
1+43.7	29.78	27.38
1+68.7	29.78	27.98
1+92.6	29.48	—
2+05.0	29.58	27.30
2+41.7	28.68	26.30
2+55.1	28.68	—
2+68	29.08	—
2+81	28.28	26.88
2+94.3	27.38	—
3+07.06	28.18	26.78

NOTE: OFFSETS TAKEN FROM BACK OF CURB EMPRESS STREET.

**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

KGS FILE NO.: 97-107-20-03.DWG  
 24"x36" PLOT SCALE: 75



LOCATIONS APPROVED UNDERGROUND STRUCTURES		B.M. -	ELEV. -
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			
C	AS-BUILT REVISION	02/10/98	CWC
B	GENERAL REVISIONS	12/12/97	JBS
A	ISSUED FOR BIDDING	05/12/97	JBS
NO.	REVISIONS	DATE	BY

**KGS CONSULTING ENGINEERS & PROJECT MANAGERS**  
 WINNIPEG THUNDER BAY

DESIGNED BY: B.W.	CHECKED BY: J.B.S.	DATE
DRAWN BY: A.M.	APPROVED BY:	DATE
HOR. SCALE: AS NOTED	RELEASED FOR CONSTRUCTION	DATE
VERTICAL:		
DATE: NOV. 1997		

ENGINEER'S SEAL  
 PROVINCE OF MANITOBA  
 J.B. SMITH  
 REGISTERED PROFESSIONAL ENGINEER

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT  
 SOLID WASTE DIVISION

SASKATCHEWAN AVENUE LANDFILL (WESTVIEW PARK)

LEACHATE COLLECTION SYSTEM PLAN AND SECTION

CITY DRAWING NUMBER SWD-D-336  
 SHEET 1 OF 2