

NOTES:

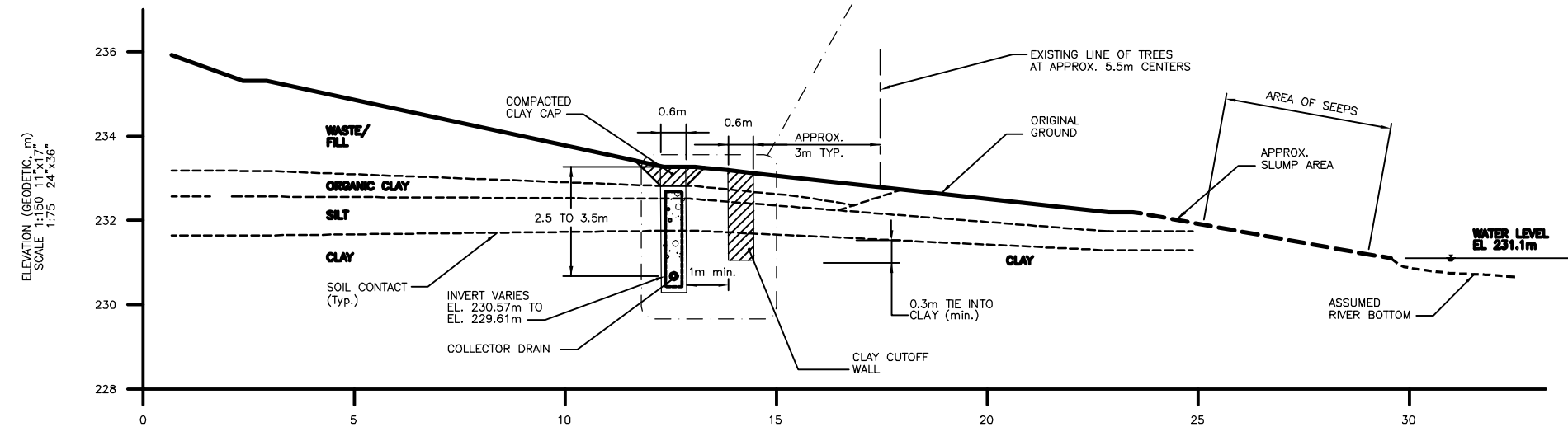
1. SITE PLAN BASED ON KGS GROUP TOPOGRAPHIC SURVEY OCT. 25 AND 28, 1996.
2. GEODETIC ELEVATION BASED ON CITY OF WINNIPEG BENCHMARK 36-054.
3. FIELD SURVEY BASED ON REFERENCE POINT 1000S, 100E TIED INTO GEODETIC ELEVATION BENCH MARK 36-054.
4. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ANY INSTRUMENTATION 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
- ◆ TESTHOLE LOCATION (KGS GROUP)
- ◆ CITY OF WINNIPEG PROBE
- ▲ WATER RESOURCE BRANCH TESTHOLE (ABANDONED)
- ◆ MONITORING WELL LOCATION (KGS GROUP)

PLAN - LEACHATE CUTOFF AND COLLECTOR DRAIN

SCALE: 1:1500 11"x17"
1:750 24"x36"



SECTION A-A

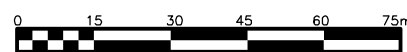
SCALE: 1:150 11"x17"
1:75 24"x36"

HORIZONTAL DISTANCE (m)
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



SCALE: 1:750 METRIC 24"x36"
1:1500 METRIC 11"x17"



SCALE: 1:75 METRIC 24"x36"
1:150 METRIC 11"x17"

LOCATIONS 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

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

KGS GROUP 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

VERTICAL: _____

NOV. 1997

ENGINEER'S SEAL

PROVINCE OF MANITOBA

J.B. SMITH

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 97-107-20-01

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

C