



**LEGEND**

TH101 ⊕ DRILL HOLE BY KGS GROUP  
 TH-1 ⊕ ITL AND IDE TEST HOLES (TH1 DRILLED NOV. 19, 1986 AND TH2-TH6 DRILLED FEB. 2-4, 1988)  
 PP3 ⊕ ITL PNEUMATIC PIEZOMETER (INSTALLED MARCH, 1989)  
 SP4 ⊕ STANDPIPE PIEZOMETER (INSTALLED MARCH, 1989)  
 SL1 ⊕ ITL SLOPE INDICATOR (DESTROYED)

**NOTES:**

1. GROUND CONTOURS BASED ON DIGITAL ORTHO BASE MAPPING FROM 1998 AIR PHOTO.

0 5 10 15 20m  
 SCALE: 1:200 METRIC A1  
 1:400 METRIC A3

**NOTE:**

ELEVATIONS FOLLOWED BY (AB) ARE ELEVATIONS ESTABLISHED FROM THE CITY OF WINNIPEG RECORD DRAWINGS. THESE ELEVATIONS SHOULD BE VARIFIED IN THE FIELD BEFORE CONSTRUCTION. ALL OTHER ELEVATIONS HAVE BEEN CONFIRMED BY KGS.

**WARNING**

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES



**THE CITY OF WINNIPEG**  
 WATER & WASTE DEPARTMENT

**DUMOULIN OFFFALL RIVERBANK STABILITY IMPROVEMENTS SITE PLAN**  
 SHOWING LOCATION OF RIVERBANK IMPROVEMENTS

SHEET 01 OF 07  
 CAD FILE DRAWING NUMBER 03-0107-05.100-01rev0  
 CITY DRAWING NUMBER LD-2983

150_WM	WATERMAIN	150_WM	HYDRO				
⊕	HYDRANT	⊕	M.T.S.				
⊕	VALVE	⊕	PROPERTY LINE				
300_LDS	LAND DRAINAGE SEWER	300_LDS	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	231.334	ELEVATION	(32.231)			
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE

**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 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.	34-014	
ELEV.	231.543	
0	ISSUED FOR TENDER	06/01/04
A	ISSUED FOR REVIEW	22/12/03
NO.	REVISIONS	DATE BY

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

DESIGNED BY D.A.  
 CHECKED BY R.Ke.  
 DRAWN BY A.M.  
 APPROVED BY

HOR. SCALE: 1:200  
 VERTICAL: 1:200

RELEASED FOR CONSTRUCTION: DATE

CONSULTANT DRAWING NO. 03-0107-05\_01

