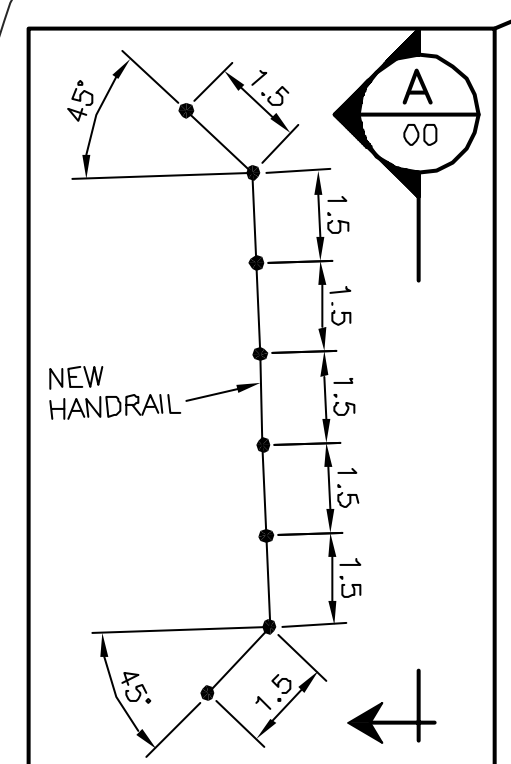
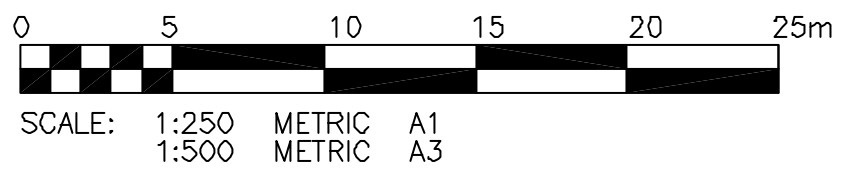


**RADCLIFFE OUTFALL RR-10**



- NOTES:**
- 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.
  - RIPRAP ABOVE THE WINTER ICE ELEVATION SHALL BE SUB-CUT INTO THE BANK AND PLACED FLUSH WITH ORIGINAL GROUND SURFACE. ALL EXCAVATED MATERIAL SHALL BE REMOVED OFF SITE.



**WARNING**

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

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 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

**APEGM**  
Certificate of Authorization  
**KGS Group**  
No. 245 Expiry: April 30, 2004

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
150 WM	WATERMAIN	150 WM	HYDRO					
HYDRANT		HYDRANT	M.T.S.					
VALVE		VALVE	PROPERTY LINE					
300 LDS LAND DRAINAGE SEWER		300 LDS LAND DRAINAGE SEWER	SURVEY BAR					
250 WWS WASTE WATER SEWER		250 WWS WASTE WATER SEWER	LIGHT STANDARD					
MANHOLE		MANHOLE	HYDRO POLE					
CATCH BASIN		CATCH BASIN	GUY WIRE					
CURB INLET		CURB INLET	SIGN					
JUNCTIONS		JUNCTIONS	BUSH LINE					
CULVERT		CULVERT	FENCE					
GAS		GAS	ELEVATION	231.334	32.231			

**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. 77-034	ELEV. 232.036		
1	ADDENDUM 1	15/01/04	DGG
D	ISSUED FOR TENDER	06/01/04	DGG
A	ISSUED FOR REVIEW	22/12/03	DGG
NO.	REVISIONS	DATE	BY

**KGS GROUP** CONSULTING ENGINEERS & PROJECT MANAGERS

WINNIPEG (204) 896-1209  
THUNDER BAY (807) 345-2233

DESIGNED BY: D.G.G. CHECKED BY: R.J.H.

DRAWN BY: D.W.A.M. APPROVED BY:

HOR. SCALE: 1:250  
VERTICAL: 1:50

RELEASED FOR CONSTRUCTION: DATE

ENGINEER'S SEAL

**D.G. GRAHAME**  
Member 22380  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 03-0107-05\_04

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

**Winnipeg**

OUTFALL REPAIRS  
**RADCLIFFE ROAD OUTFALL (RR-10)**

SHEET 04 OF 07  
CAD FILE DRAWING NUMBER 03-0107-05-RADCLIFFE\_rev1  
CITY DRAWING NUMBER LD-2986

COWLEND