

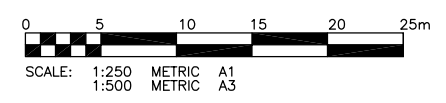
NOTE:
UNREGULATED WATER LEVEL REFERS TO WINTER OPERATION OF ST. ANDREWS LOCK AND DAM AND ASSUMES WINTER RIVER LEVELS AT 0 FT. JAMES AVENUE PUMP STATION DATUM. ACTUAL WINTER RIVER LEVELS VARY DEPENDING ON ACTUAL FLOWS

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



APEGM
Certificate of Authorization
KGS Group
No. 245 Expiry: April 30, 2005

LARCHDALE CRESCENT OUTFALL RR-96

LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING
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	---	ELEVATION	(32.231)	
---	LEGEND-PLAN	---	LEGEND-PLAN	---	---

LOCATION APPROVED UNDERGROUND STRUCTURES
SUV. U/G STRUCTURES DATE COMMITTEE
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. 12-043	ELEV. 228.842m	RSR682 - N.E. COR. KILDONAN DR. & ROWANDALE CRES. (N. LEG), TBLT. ON TOP OF 0.05m DIA. x 2.4m IRON PIPE, 8.0m E. OF C.L. OF ASPHALT PAVT. OF KILDONAN DR. PRODUCED FROM THE S. & 7.3m N. OF C.L. OF ASPHALT PAVT. OF ROWANDALE CRES.
0	ISSUED FOR TENDER	25/11/04 RJH
NO.	REVISIONS	DATE BY

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

DESIGNED BY	DGG	CHECKED BY	RJH
DRAWN BY	DMW	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:	1:50	DATE	24/06/04

ENGINEER'S SEAL
R.J. HOUSTON
Member 4395
CONSULTANT DRAWING NO. 04-0107-13_05R0

THE CITY OF WINNIPEG
WATER & WASTE DEPARTMENT

2004 OUTFALL REPAIRS
LARCHDALE CRESCENT OUTFALL (RR-96)

SHEET	05	OF	09
CAD FILE DRAWING NUMBER	04-0107-13		
CITY DRAWING NUMBER	LD-3077		

COWLEND