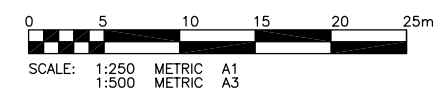


**NOTE:**  
UNREGULATED WATER LEVEL REFERS TO WINTER OPERATION OF ST. ANDREWS LOCK AND DAM AND ASSUMES WINTER RIVER LEVELS AT 0 FT. JAMES AVENUE PUMP STATION DATUM. ACTUAL WINTER RIVER LEVELS VARY DEPENDING ON ACTUAL FLOWS

**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

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

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

**LOCATION APPROVED UNDERGROUND STRUCTURES**  
S.U.P.V. 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. 62-044	84722 - N.E. COR. MOORE AVE. & DUNKIRK DR.	DESIGNED BY	DGG	CHECKED BY	RJH
ELEV. 231.145m	10.0m S. OF N.L. OF MOORE AVE. & ON E.L. OF DUNKIRK DR.	DRAWN BY	DMW	APPROVED BY	
		HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
		VERTICAL:	1:50	DATE	
0	ISSUED FOR TENDER	25/11/04	RJH		
NO.	REVISIONS	DATE	BY	DATE	

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

ENGINEER'S SEAL  
**R.J. HOUSTON**  
Member 4395  
REGISTERED PROFESSIONAL ENGINEER

**THE CITY OF WINNIPEG**  
WATER & WASTE DEPARTMENT  
2004 OUTFALL REPAIRS  
**DUNKIRK DRIVE OUTFALL (RR-31)**  
SHEET 03 OF 09  
CAD FILE DRAWING NUMBER 04-0107-13  
CITY DRAWING NUMBER LD-3075