



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, 2008

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

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 UTILITIES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.	

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

DESIGNED BY: RJH
 CHECKED BY: RJH
 DRAWN BY: DMW
 APPROVED BY:

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

ISSUED FOR TENDER: 06/12/05 RJH
 ISSUED FOR REVIEW: 25/11/05 RJH

NO. REVISIONS DATE BY

DATE: 12/09/05

ENGINEER'S SEAL: R.J. HOUSTON, Member 4365, PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 05-0107-11_03

THE CITY OF WINNIPEG
 WATER & WASTE DEPARTMENT

Winnipeg

HARGRAVE STREET
OUTFALL (AS-93)

OUTFALL REPAIRS

SHEET 03 OF 10
 CAD FILE DRAWING NUMBER 05-0107-11
 CITY DRAWING NUMBER LD-3230

CONVEGEND