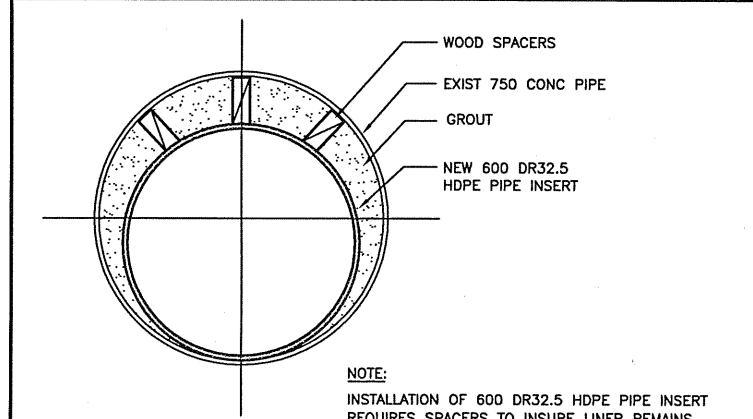
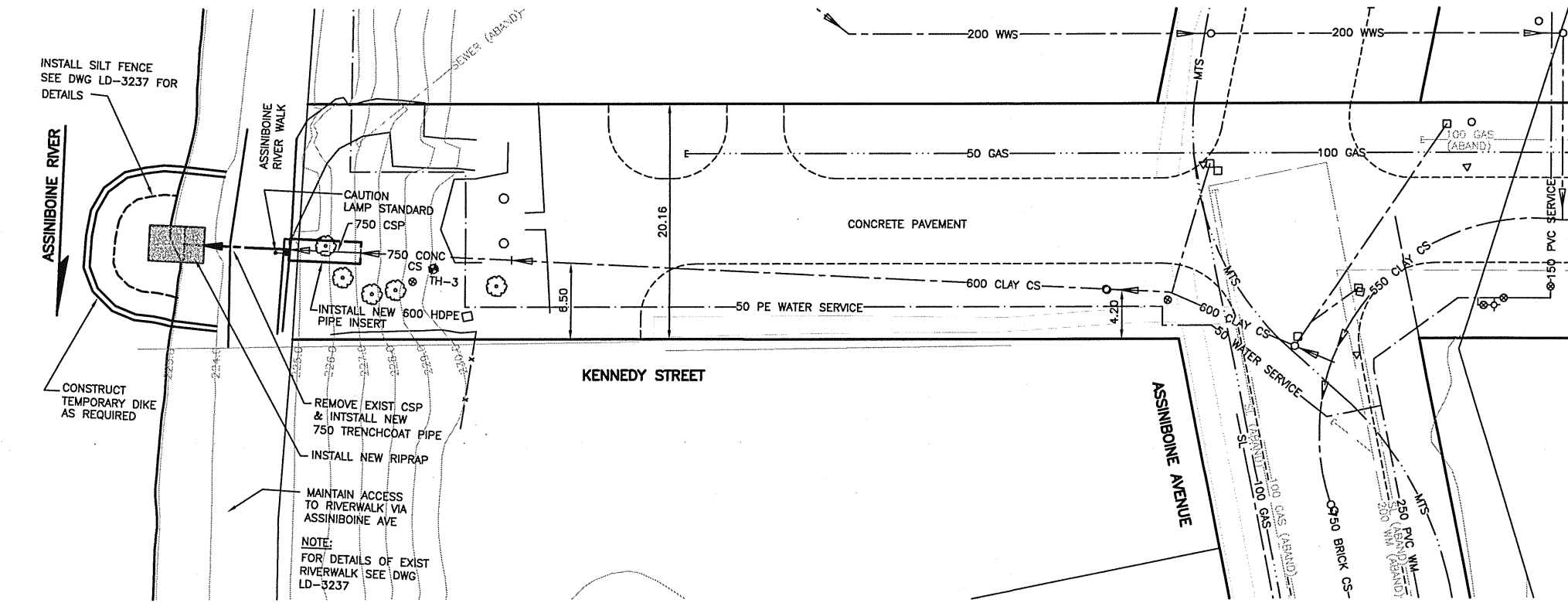


1 DETAIL
SCALE: 1:5



A SECTION
SCALE: 1:10

NOTE:
INSTALLATION OF 600 DR32.5 HDPE PIPE INSERT
REQUIRES SPACERS TO INSURE LINER REMAINS
IN DESIGNED POSITION.
(SPACERS TO BE DESIGNED BY THE CONTRACTOR)



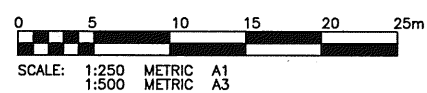
KENNEDY STREET OUTFALL AS-91

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



APEM
Certificate of Authorization
KGS Group
No. 245 Expiry: April 30, 2008

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

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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	06/12/05	RJH
A	ISSUED FOR REVIEW	25/11/05	RJH

KGS GROUP CONSULTING ENGINEERS & PROJECT MANAGERS

WINNIPEG (204) 898-1209
THUNDER BAY (807) 345-2233

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

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

RELEASED FOR CONSTRUCTION: DATE

DATE: 12/09/05

ENGINEER'S SEAL

PROVINCE OF MANITOBA
R.J. HOUSTON
Member
4365
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
05-0107-11_02

THE CITY OF WINNIPEG
WATER & WASTE DEPARTMENT

Winnipeg

OUTFALL REPAIRS

KENNEDY STREET OUTFALL (AS-91)

SHEET **02** OF **10**

CAD FILE DRAWING NUMBER **05-0107-11**

CITY DRAWING NUMBER **LD-3229**