



- NOTES:**
1. LOCATION AND SEWER DETAILS SHOWN ON DRAWING LD-3159.
 2. ALL STEEL NUTS AND BOLTS ARE TYPE 316 STAINLESS STEEL.
 3. INSTALL PRECAST CONCRETE GATE CHAMBER IN ACCORDANCE WITH CW 2130 & SD-010
 4. CONFIRM EXISTING LDS LOCATION AND INVERT BEFORE CONSTRUCTING CHAMBER.

FLOOD PROTECTION LEVEL = 230.00
 300 YEAR FLOOD ELEV. = 231.22
 DESIGN HEAD ON 525# FLAP GATE = 4.6 m
 DESIGN HEAD ON 525# GATE VALVE = 4.6 m

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

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

B.M. ELEV.	FIELD BOOK #:	CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION		ENGINEER'S SEAL	THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT	2005 OUTFALL GATE CHAMBER UPGRADES SHEET 7 OF 14 CITY DRAWING NUMBER LD-3160
POSTED TO LBS				ORIGINAL SIGNED BY K.R. ZUREK 05/08/24		
		DESIGNED BY DGS	CHECKED BY TW			
		DRAWN BY HL/CJH	APPROVED BY KZ			
		HOR. SCALE AS	RELEASED FOR CONSTRUCTION			
		VERTICAL SHOWN				
NO. REVISIONS	DATE	BY	DATE	2005 08 24	DATE	

BID OPPORTUNITY: 492-2005
 FILENAME: LD-3160.dwg
 PLOT DATE: 2005 08 24