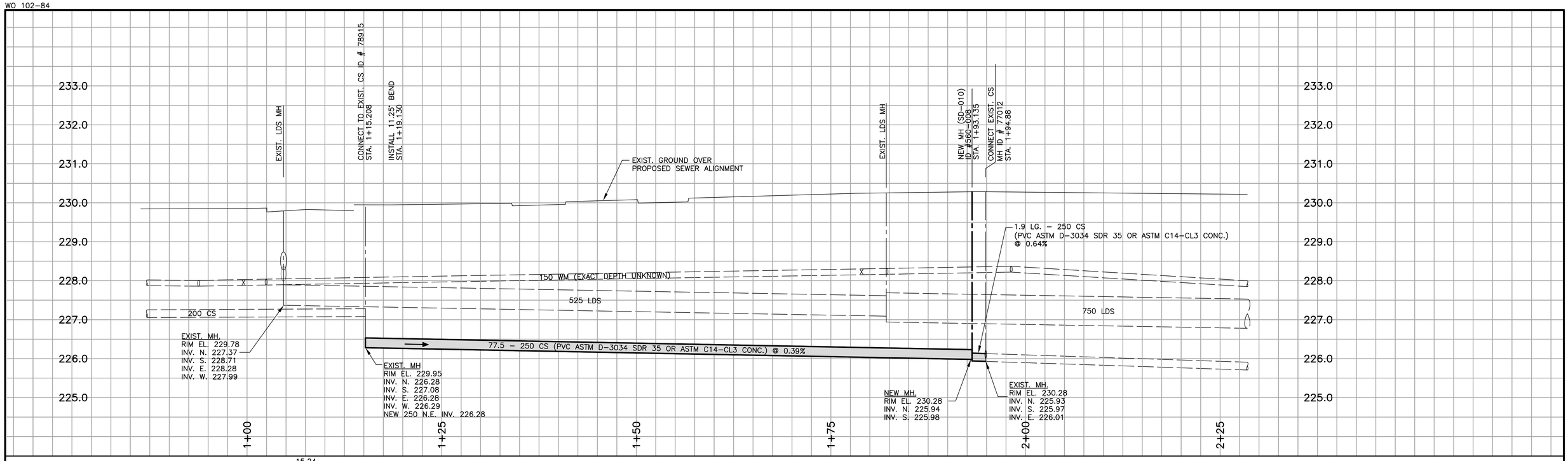

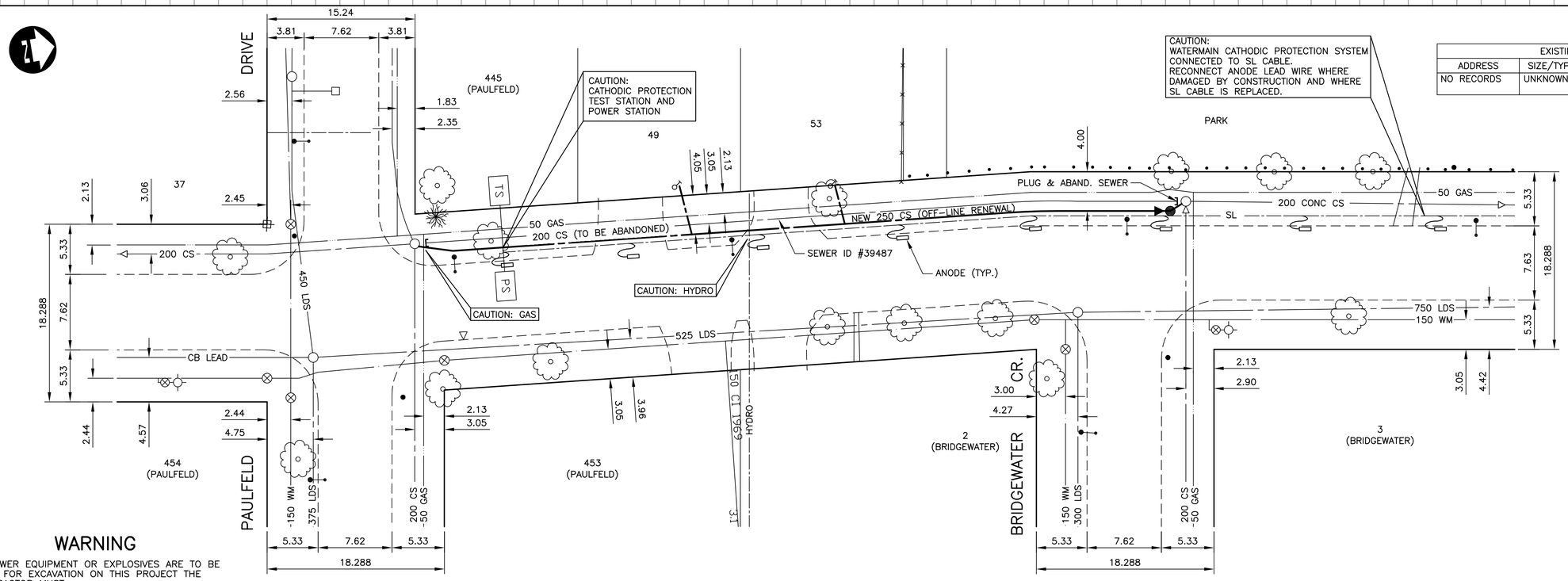

EXISTING SEWER SERVICE LOCATION RECORDS			
ADDRESS	SIZE/TYPE	SERVICE LOCATION AT PL	JUNCTION LOCATION
NO RECORDS	UNKNOWN	UNKNOWN	NO RECORDS

SEWER SERVICE INFORMATION
SEWER SERVICE INFORMATION COULD NOT BE OBTAINED BY VIDEO

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

KAREN STREET

NOTE:
CHAINAGES ARE TAKEN FROM THE CENTERLINE OF PROPOSED CS SEWER PIPE ON KAREN STREET.

CONSTRUCTION NOTES:

1. ALL PVC PIPE SHALL HAVE CLASS B-TYPE 2 BEDDING AND ALL CONCRETE PIPE SHALL HAVE CLASS B-SAND BEDDING.
2. SEWER TO BE RENEWED BY TRENCHLESS METHODS.
3. CONFIRM THE LOCATION OF ALL SEWER SERVICES.
4. RENEW SEWER SERVICES TO PROPERTY LINE.
5. BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 OF PAVEMENT TO BE CLASS 3.
6. BACKFILL IN BOULEVARD TO BE CLASS 5.
7. CATCHBASIN LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.

150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO		150 mm W.M.	WATERMAIN	150 mm W.M.
	HYDRANT			M.T.S.			HYDRANT	
	VALVE			CONCRETE			VALVE	
300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.		ASPHALT		300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.
250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.		PROPERTY LINE		250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.
	MANHOLE			SURVEY BAR			℄ PROFILE	
	CATCH BASIN			SERVICE VALVE			NORTH/WEST GUTTER	
	CURB INLET			I.P.S.			SOUTH/EAST GUTTER	
	JUNCTIONS			BUILDING				
	CULVERT							
	GAS							
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED

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.

B.M. ELEV.

NO.	REVISIONS	DATE	BY
2	RELEASED FOR CONSTRUCTION	06/09/06	S.C.C.
1	SUBMITTED TO W&W FOR REVIEW	06/08/25	S.C.C.

DESIGNED BY	S.C.C.
DRAWN BY	A.J.P./S.K.B.
CHECKED BY	D.P.K.
APPROVED BY	
HOR. SCALE	1:250
VERTICAL	1:50
DATE	MAY 2006

DILLON CONSULTING

RELEASED FOR CONSTRUCTION
ORIGINAL SIGNED BY KAS ZUREK, P.Eng.
DATE 06/09/11

ENGINEER'S SEAL
PROVINCE OF MANITOBA
ORIGINAL STAMPED BY
D.P. KRAHN
06/09/11
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
06-6064-05

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2006 SEWER RENEWALS AND REPAIRS CONTRACT 13
KAREN STREET
MH AT PAULFELD DR
TO MH AT BRIDGEWATER CR

CITY DRAWING NUMBER 05937
SHEET 5 OF 23
BID OPPORTUNITY 560-2006