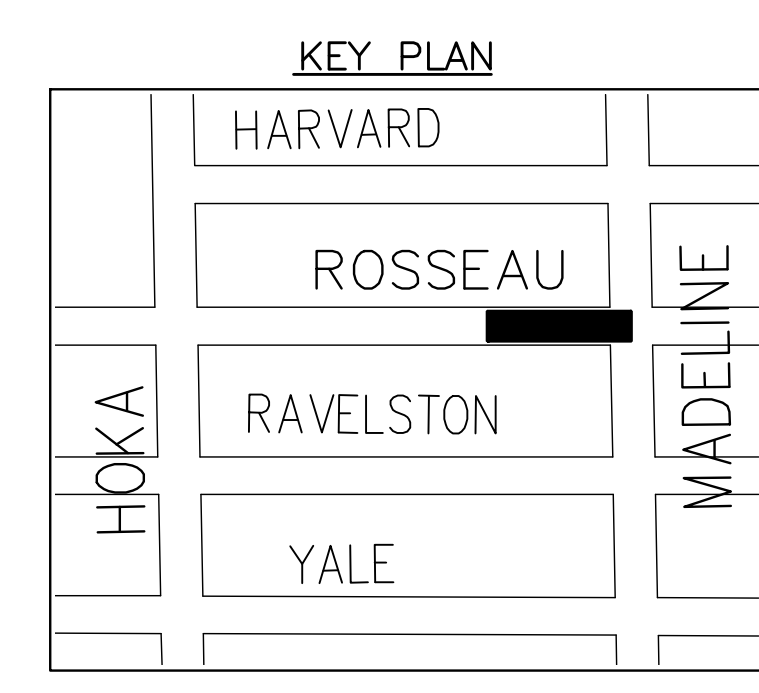
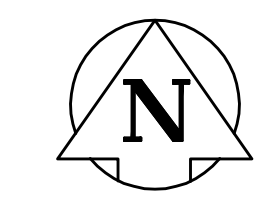
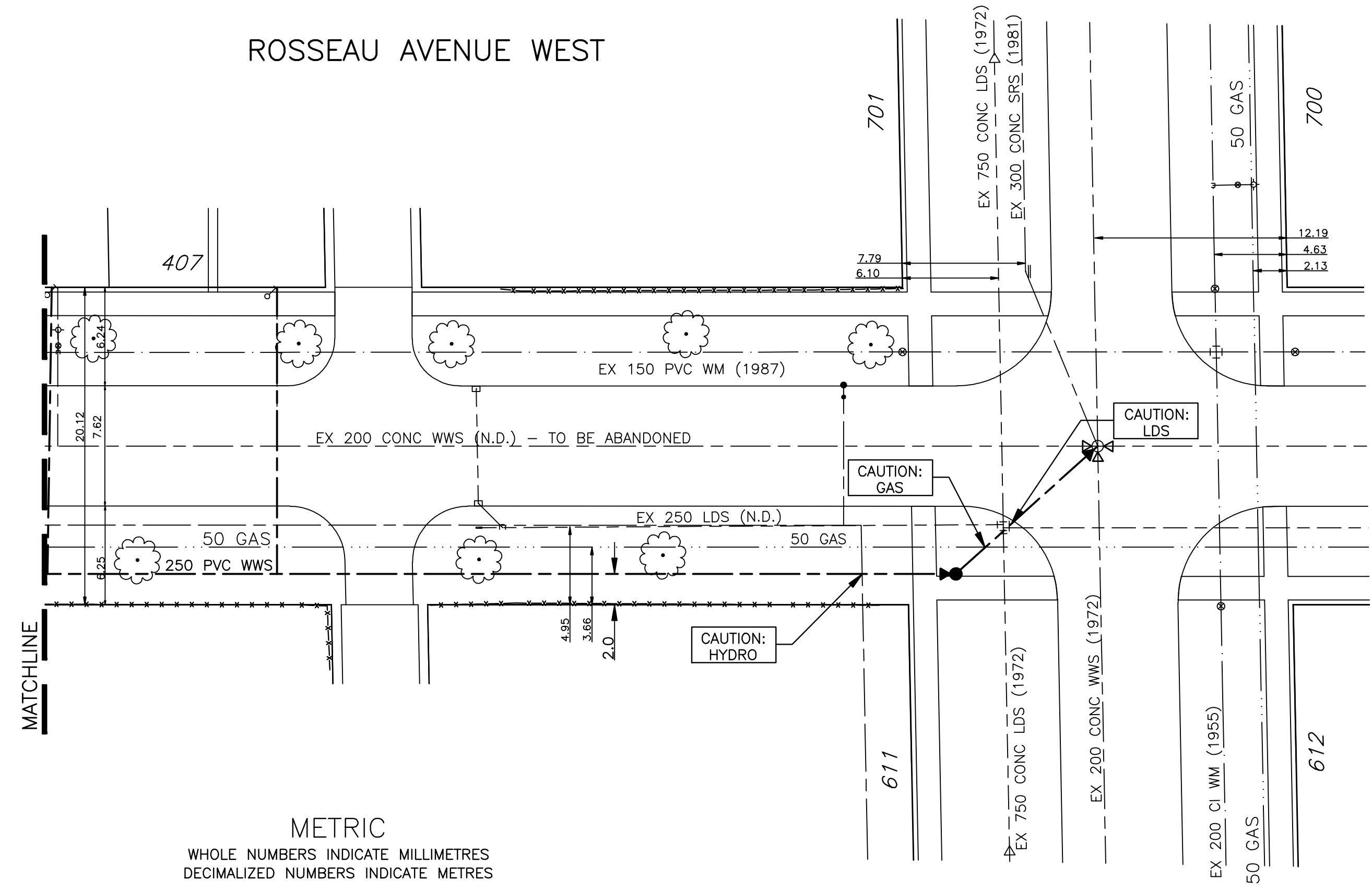


STATION 1+00 IS AT E.R. HOKA STREET

CHAINAGE ALONG NORTH PROPERTY LINE OF ROSSEAU AVENUE



WATER SERVICE INFORMATION				
ADDRESS	SIZE (mm) & TYPE (STREET)	SHORT & LONG MEASUREMENT	CORP.	LOCATION
407 ROSSEAU AVE	34	7'6" W E L OF HOUSE	7	W E L/HSE
RESIDENTIAL	COPPER	26 OUT		
411 ROSSEAU AVE	34	8' W E L OF HOUSE		
RESIDENTIAL	COPPER	26 OUT		
611 MADELINE ST	34	8.5 S.N.HSE LINE		
RESIDENTIAL	COPPER	17.2 FROM HSE FRONT		
612 MADELINE ST	34	6.5 N.HSE LINE		
RESIDENTIAL	COPPER	19.8 FROM HSE FRONT		
700 MADELINE ST	34	9' W E HSE LINE		
RESIDENTIAL	COPPER	6' OUT		
701 MADELINE ST	34	8.5 S.N.HSE LINE		
RESIDENTIAL	COPPER	14.5 FROM HSE FRONT		

SEWER JUNCTION INFORMATION			
FROM SEWER VIDEO INSPECTION	TYPE	MEASUREMENT	LOCATION
SEWER ID S-MA-40013522			
DISTANCE FROM MH 40012338			
7.9 m E	150 Ø		NORTH
21.8 m E	150 Ø		NORTH

**APEGM**  
Certificate of Authorization  
GENIVAR Consultants  
No. 4318 Expiry: April 30, 2010

- CONSTRUCTION NOTES:**
- LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. 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 BY THE CONTRACTOR BEFORE PROCEEDING WITH CONSTRUCTION.
  - CONTRACTOR TO EXPOSE EXISTING SEWER MAINS AT ALL CONNECTION LOCATIONS TO ALLOW ENGINEER TO VERIFY EXISTING INVERTS, MATERIAL TYPE AND SIZE PRIOR TO CONSTRUCTION.
  - SEWER TO BE INSTALLED BY TRENCHLESS METHODS.
  - BACKFILL TO BE CLASS 5 WITHIN BOULEVARD AND CLASS 3 WHEN WITHIN PAVEMENT/SIDEWALK OR WHEN WITHIN 1.0M OF PAVEMENT OR SIDEWALK.
  - ALL SERVICES TO BE RENEW TO THE PROPERTY LINE.
  - ALL SERVICES TO HAVE MIN. 1.0% SLOPE.
  - ALL MANHOLES TO HAVE STD. 1200 DIA. BASE UNLESS OTHERWISE INDICATED.
  - CONTRACTOR TO MAINTAIN ALL EXISTING SEWER FLOWS DURING CONSTRUCTION.
  - DESCRIPTION OF PROPERTY LIMITS, AND EXISTING AND/OR PROPOSED FEATURES RELATIVE TO THESE LIMITS AS SHOWN ON THIS DRAWING DO NOT REPRESENT A LEGAL SURVEY. GENIVAR MAKES NO REPRESENTATION OR GUARANTEE THAT THE PROPERTY LIMIT INFORMATION IS ACCURATE. GENIVAR ACCEPTS NO RESPONSIBILITY FOR DAMAGES, IF ANY, SUFFERED BY ANY THIRD PARTY AS A RESULT OF DECISIONS OR ACTIONS BASED ON THIS DRAWING.

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
	WATERMAIN			REDUCER			WATERMAIN	
	HYDRANT			PLUG			LAND DRAINAGE SEWER	
	VALVE			TRAFFIC SIGNAL			WASTE WATER SEWER	
	LAND DRAINAGE SEWER			GAS			JUNCTIONS	
	WASTE WATER SEWER			HYDRO			CULVERT	
	MANHOLE			M.T.S.				
	CATCH BASIN			FENCE				
	CURB INLET			CURB STOP				
	TEE			C.B. LEAD				
	BEND			TREE				
	ANODE			LAMP STANDARD				

LOCATION APPROVED

B.M. ELEV. ZONE 30, No. 44 (87R495) 232.577

DESIGNED BY MBS CHECKED BY DJ

DRAWN BY MBS APPROVED BY IMcK

HOR. SCALE: 1:250 RELEASED FOR ORIGINAL CONSTRUCTION SIGNED BY KAZ ZUREK, P.ENG

VERT. SCALE: 1:50 DATE AUG 10 2009

1 BID OPPORTUNITY 588-2009 AUG 09 MBS

NO. REVISIONS DATE BY

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.

**GENIVAR**  
10 PRAIRIE WAY WINNIPEG, MANITOBA R2J 3J8  
PH: (204)-477-8650 FAX: (204)-474-2864

ENGINEERS SEAL  
I. G. MCKINNON  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 09-101-05

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

2009 CAPITOL WORKS  
SEWER RENEWALS  
ROSSEAU AVENUE WEST  
1ST MH WEST OF MADELINE STREET TO MH AT MADELINE STREET

SHEET 2 OF 2  
CITY DRAWING NO. 8993

AUG 2009