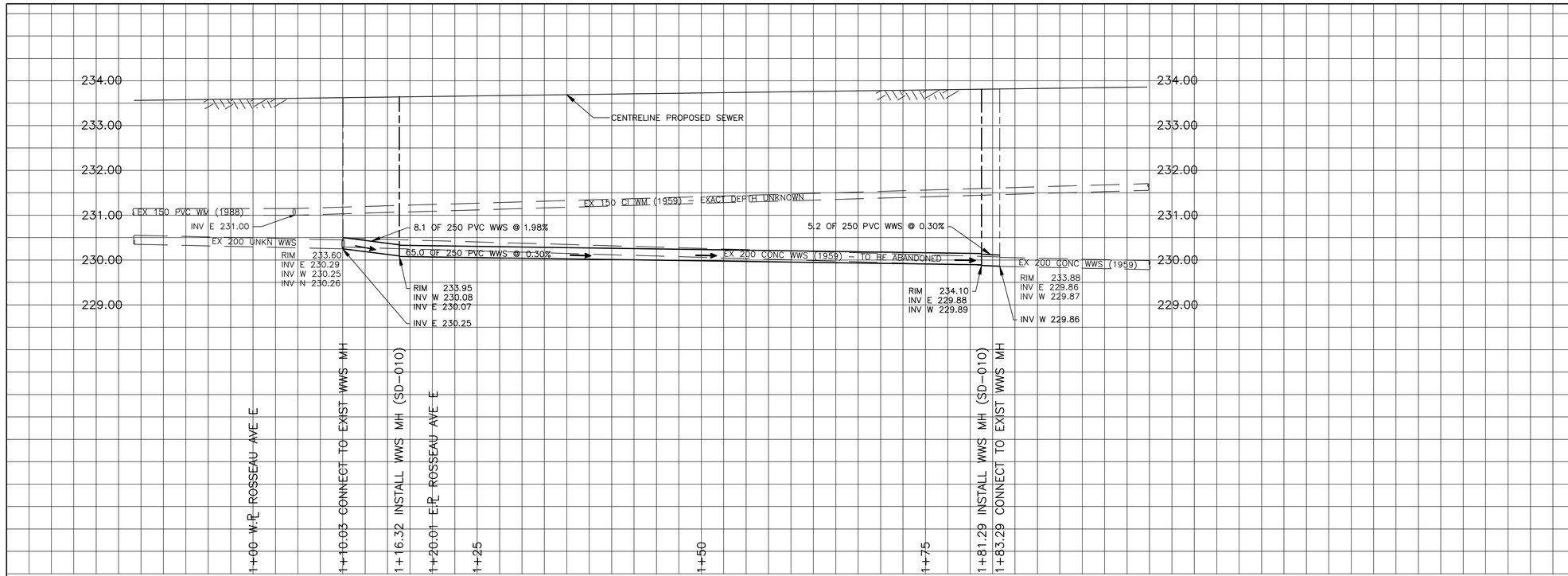
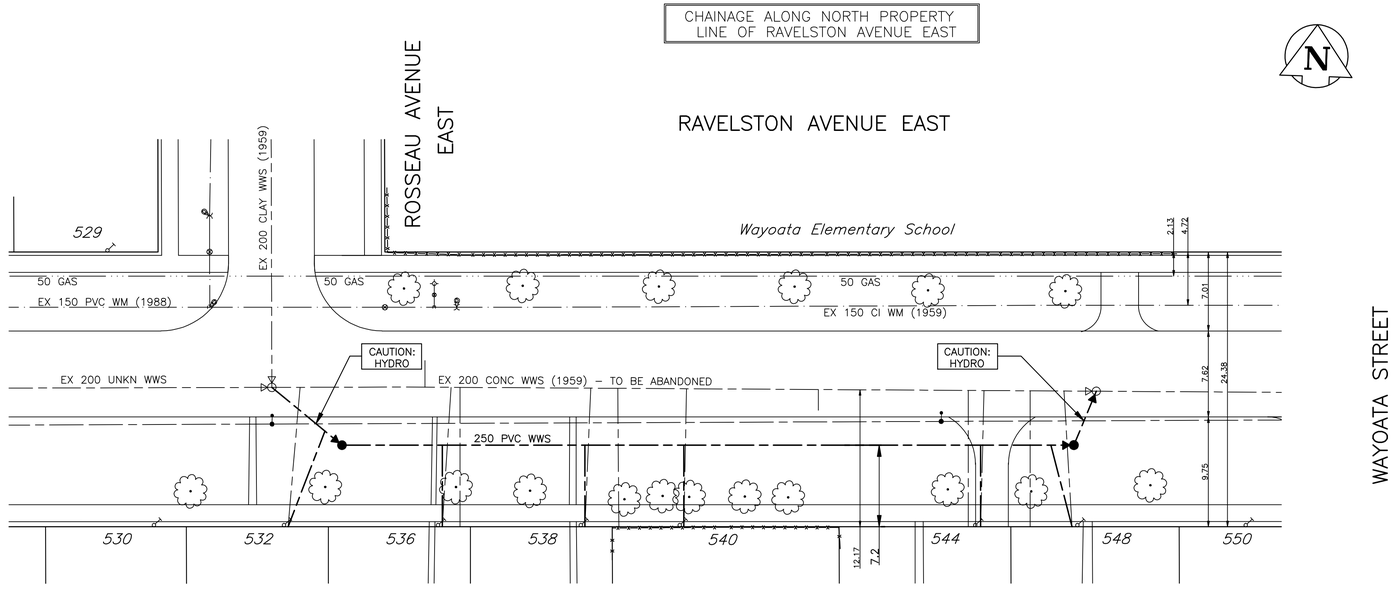


CHAINAGE ALONG NORTH PROPERTY LINE OF RAVELSTON AVENUE EAST



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

WATER SERVICE INFORMATION

ADDRESS	SIZE (mm) & TYPE (STREET)	SHORT & LONG MEASURMENT	CORP LOCATION
529 RAVELSON T AVE	-	5 W/EML	-
RESIDENTIAL	-	3.5.M.E.HSE LINE	
529 RAVELSON T AVE	34	2' W E EDGE HSE	-
RESIDENTIAL	COPPER	31.1 .FROM HSE FRONT	
530 RAVELSON T AVE	-	4.5.M.E.HSE LINE	-
RESIDENTIAL	-	28.FROM HSE FRONT	
530 RAVELSON T AVE	34	-.5.E.E.HSE LINE	5'3" EE EDGE HSE
RESIDENTIAL	COPPER	29.FROM HSE FRONT	
531 RAVELSON T AVE	-	12.5 EWL HOUSE	-
RESIDENTIAL	-	31.FROM HSE FRONT	
532 RAVELSON T AVE	34	14.5.E.E.HSE LINE	16'6" WE M/L
RESIDENTIAL	COPPER	29.5.FROM HSE FRONT	
532 RAVELSON T AVE	34	7.5.W.E.HSE LINE	16'3" EE HSE
RESIDENTIAL	COPPER	28.2.FROM HSE FRONT	
533 RAVELSON T AVE	-	8.E.W.HSE LINE	-
RESIDENTIAL	-	23.FROM HSE FRONT	
536 RAVELSON T AVE	-	13.W.E.HSE LINE	-
RESIDENTIAL	-	24.FROM HSE FRONT	
536 RAVELSON T AVE	34	2' E E HSE LINE	-
RESIDENTIAL	COPPER	30' OUT	
537 RAVELSON T AVE	-	6.W.E.HSE LINE	-
RESIDENTIAL	-	25.FROM HSE FRONT	
538 RAVELSON T AVE	34	4 E OF E HOUSE LINE	-
RESIDENTIAL	COPPER	32.FROM HSE FRONT	
538 RAVELSON T AVE	-	8.E.W.HSE LINE	-
RESIDENTIAL	-	25.5.FROM HSE FRONT	
539 RAVELSON T AVE	34	6.5.W.E.HSE LINE	-
RESIDENTIAL	COPPER	31.FROM HSE FRONT	
540 RAVELSON T AVE	34	11.3 W E L H	-
RESIDENTIAL	COPPER	19 FROM HOUSE FRONT	
540 RAVELSON T AVE	-	13.W.E.HSE UNE	-
RESIDENTIAL	-	25.5.FROM HSE FRONT	
541 RAVELSON T AVE	-	8.W.E.HSE LINE	-
RESIDENTIAL	-	30.FRM HSE FRONT	
542 RAVELSON T AVE	-	9.W.E.HSE LINE	-
RESIDENTIAL	-	30.FRM HSE FRONT	
542 RAVELSON T AVE	34	9.1.E.W.HSE LINE	-
RESIDENTIAL	COPPER	12.5 FROM HSE FRONT	
544 RAVELSON T AVE	34	1' W E L HOUSE	-
RESIDENTIAL	COPPER	29.5 FROM HSE LIN E	
544 RAVELSON T AVE	-	4.W.E. HSE LINE	-
RESIDENTIAL	-	31.FROM HSE FRONT	
545 RAVELSON T AVE	-	12.5.E.W.HSE UNE	-
RESIDENTIAL	-	30.5.FROM HSE FRONT	
548 RAVELSON T AVE	-	17.E.W.HSE LINE	-
RESIDENTIAL	-	24.5.FROM HSE FRONT	
548 RAVELSON T AVE	34	10.5.E.W.HUSE LINE	-
RESIDENTIAL	COPPER	30.8.FROM HSE FRONT	
549 RAVELSON T AVE	34	10'6" E W M/L	-
RESIDENTIAL	COPPER	23.5.FROM HSE FRONT	
550 RAVELSON T AVE	34	5.W.E.HSE LINE	-
RESIDENTIAL	COPPER	17.7.FROM HSE FRONT	
605 WAYOATA ST	20	11.0' N. S. LINE	-
(SCHOOL)	COPPER	47 FR. HSE. FRT.	

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION
SEWER ID S-MA 40009502

DISTANCE FROM MH 40008623		
2.5 m E	150 Ø	SOUTH
13.6 m E	150 Ø	NORTH
15.9 m E	150 Ø	SOUTH
16.7 m E	150 Ø	SOUTH
28.3 m E	150 Ø	SOUTH
30.7 m E	150 Ø	SOUTH
36.8 m E	150 Ø	SOUTH
48.5 m E	150 Ø	SOUTH
61.8 m E	150 Ø	SOUTH
63.2 m E	150 Ø	SOUTH
67.3 m E	150 Ø	SOUTH
70.3 m E	150 Ø	SOUTH

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

CONSTRUCTION NOTES:

1. 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.
2. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BY THE CONTRACTOR BEFORE PROCEEDING WITH CONSTRUCTION.
3. CONTRACTOR TO EXPOSE EXISTING SEWER MAINS AT ALL CONNECTION LOCATIONS TO ALLOW ENGINEER TO VERIFY EXISTING INVERTS, MATERIAL TYPE AND SIZE PRIOR TO CONSTRUCTION.
4. SEWER TO BE INSTALLED BY TRENCHLESS METHODS.
5. BACKFILL TO BE CLASS 5 WITHIN BOULEVARD AND CLASS 3 WHEN WITHIN PAVEMENT/SIDEWALK OR WHEN WITHIN 1.0M OF PAVEMENT OR SIDEWALK.
6. ALL SEVICES TO BE RENEW TOTHE PROPERTY LINE.
7. ALL SERVICES TO HAVE MIN. 1.0% SLOPE.
8. ALL MANHOLES TO HAVE STD. 1200 DIA. BASE UNLESS OTHERWISE INDICATED.
9. CONTRACTOR TO MAINTAIN ALL EXISTING SEWER FLOWS DURING CONSTRUCTION.
10. 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		150mm W.M.	WATERMAIN	150mm W.M.
	HYDRANT			PLUG			VALVE	
	VALVE			TRAFFIC SIGNAL		300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.
	LAND DRAINAGE SEWER			GAS		250mm W.W.S.	WASTE WATER SEWER	250mm W.W.S.
	WASTE WATER SEWER			HYDRO			JUNCTIONS	
	MANHOLE			M.T.S.			CULVERT	
	CATCH BASIN			FENCE				
	CURB INLET			CURB STOP				
	TEE			C.B. LEAD				
	BEND			TREE				
	ANODE			LAMP STANDARD				

LOCATION APPROVED

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:
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B.M. ZONE 30, No. 40 (87R491)
ELEV. 233.681

NO.	REVISIONS	DATE	BY
1	BID OPPORTUNITY 588–2009	AUG 09	MBS

GENIVAR
10 PRAIRIE WAY WINNIPEG, MANITOBA R2J 3J8
PH: (204)–477–6650 FAX: (204)–474–2864

DESIGNED BY	MBS	CHECKED BY	DJ
DRAWN BY	MBS	APPROVED BY	IMcK
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION	ORIGINALLY SIGNED BY KAZ ZUREK, P.ENG
VERT. SCALE:	1:50		
DATE	AUG 6 2009	DATE	AUG 10 2009

ENGINEERS SEAL
PROVINCE OF MANITOBA
I. G. McKINNON
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT DRAWING NO.
09–101–03

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2009 CAPITAL WORKS
SEWER RENEWALS
RAVELSTON AVENUE EAST
MH AT ROSSEAU AVENUE EAST TO 1ST MH WEST OF WAYOATA STREET

SHEET 1 OF 1
CITY DRAWING NO.
8991

ACAD 2004