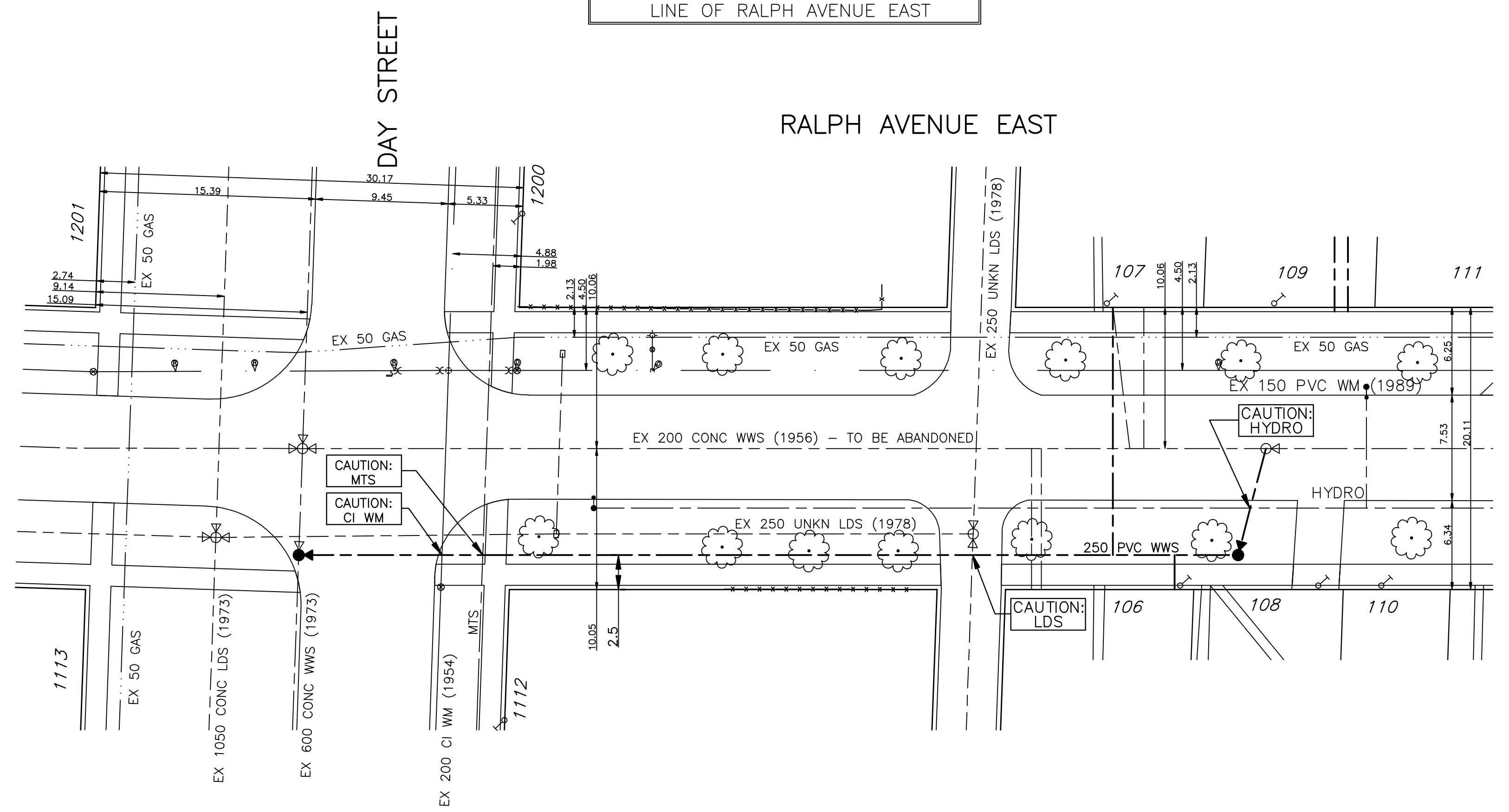
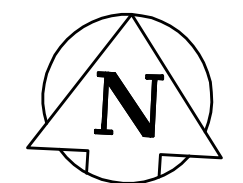
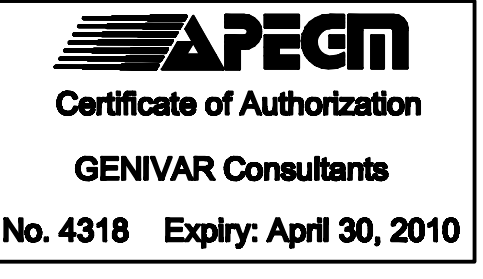


CHAINAGE ALONG NORTH PROPERTY LINE OF RALPH AVENUE EAST



SEWER JUNCTION INFORMATION			
FROM SEWER VIDEO INSPECTION	SEWER ID	TYPE (STREET)	MEASUREMENT
8.7 m W	150 Ø	NORTH	38.7 FROM HSE FRONT
9.7 m W	150 Ø	NORTH	31.5 FROM HSE FRONT
16.0 m W	150 Ø	SOUTH	31.5 FROM HSE FRONT
16.7 m W	150 Ø	SOUTH	31.5 FROM HSE FRONT

WATER SERVICE INFORMATION			
ADDRESS	SIZE (MM) & TYPE (STREET)	SHORT & LONG MEASUREMENT	COOP. LOCATION
107 RALPH AVE	34	7.5 W E HSE LINE	6.6 OF S/C
109 RALPH AVE	34	3.1 W HSE LINE	3 W W/L
110 RALPH AVE	34	21.5 FROM HSE FRONT	-
111 RALPH AVE	34	20 W HSE LINE	-
112 RALPH AVE	34	2 W E H/L	1.6 E/L
113 RALPH AVE	34	11.1 W HSE LINE	16.5 W W/L DAY
114 RALPH AVE	34	12.7 FROM HSE FRONT	-
115 RALPH AVE	34	8.8 E/W	8.2 E/W
116 RALPH AVE	34	27.7 FROM HSE FRONT	-
117 RALPH AVE	34	6 W HSE LINE	-
118 RALPH AVE	34	16.5 FROM HSE FRONT	-
119 RALPH AVE	34	1 E/W H/L	7 W OF S/C
120 RALPH AVE	34	6 W HSE LINE	-
121 RALPH AVE	34	6 W HSE LINE	-
122 RALPH AVE	34	13.4 W HSE LINE	13.1 E/W
123 RALPH AVE	34	12.7 FROM HSE FRONT	-
124 DAY ST	34	6.9 NSL OF HOUSE	-
125 DAY ST	34	7 NSL OF HOUSE	-
126 DAY ST	34	10.6 NSL OF HOUSE	-
127 DAY ST	34	6 STREET LINE	-
128 DAY ST	34	6 STREET LINE	-
129 DAY ST	34	34 E/W OF HOUSE	-
130 DAY ST	34	6 STREET LINE	-



**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 SERVICES TO BE RENEW TO THE 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.

METRIC  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

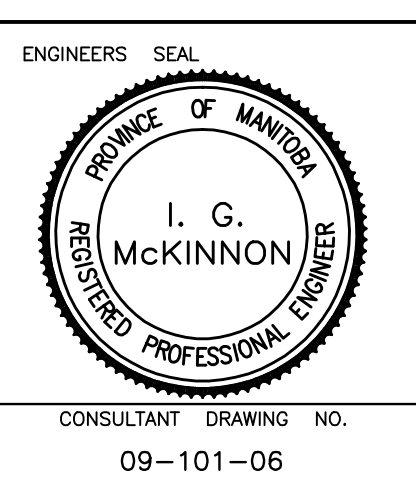
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
---	WATERMAIN	---	---	REDUCER	---	---	WATERMAIN	---
⊕	HYDRANT	⊕	⊕	PLUG	⊕	⊕	VALVE	⊕
⊗	VALVE	⊗	⊗	TRAFFIC SIGNAL	⊗	⊗	LAND DRAINAGE SEWER	⊗
---	LAND DRAINAGE SEWER	---	---	GAS	---	---	WASTE WATER SEWER	---
---	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		B.M. ELEV. ZONE 10, No. 40 (81945) 232.890	
---	SUPV. U/G STRUCTURES	---	DATE
---	COMMITTEE	---	
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.			
1	BID OPPORTUNITY 588-2009	AUG 09	MBS
NO.	REVISIONS	DATE	BY

**GENIVAR**  
10 PRAIRIE WAY WINNIPEG, MANITOBA R2J 3J8  
PH: (204)-477-6650 FAX: (204)-474-2884

DESIGNED BY: MBS  
DRAWN BY: MBS  
HOR. SCALE: 1:250  
VERT. SCALE: 1:50  
DATE: AUG 6 2009

CHECKED BY: DJ  
APPROVED BY: IMcK  
RELEASED FOR CONSTRUCTION: KAZ ZUREK, P.ENG  
DATE: AUG 10 2009



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

2009 CAPITAL WORKS  
SEWER RENEWALS  
RALPH AVENUE EAST  
1ST MH EAST OF DAY STREET TO MH AT DAY STREET

CONSULTANT DRAWING NO. 09-101-06

SHEET 1 OF 1  
CITY DRAWING NO. 8994