

CHAINAGE ALONG SOUTH R OF
ELIZABETH ROAD

NOTES:

- ALL GATE VALVES ARE COUNTER-CLOCKWISE TO OPEN WITH A BLACK OPERATING NUT UNLESS NOTED OTHERWISE.
- WATERMAIN TO BE INSTALLED BY TRENCHLESS METHODS.
- BACKFILL IS CLASS 5 WITHIN BOULEVARD AND CLASS 3 WHEN WITHIN 1.0m OF PAVEMENT OR SIDEWALK.
- WATER SERVICES ARE 19mm UNLESS OTHERWISE NOTED.
- MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4m.
- ON-LINE RENEWAL START/STOP LOCATION TO BE DETERMINED IN THE FIELD BASED ON MINIMUM SEPARATION BETWEEN EXISTING AND PROPOSED WATERMAINS.
- LOCATION OF ALL SERVICES TO BE CONFIRMED IN FIELD.
- EXPOSE EXISTING WATERMAIN TO CONFIRM DEPTH PRIOR TO CONSTRUCTION.
- ALL LEAD AND CAST IRON SERVICES TO BE RENEWED TO PROPERTY LINE.
- SERVICES TO BE RENEWED SHALL BE REPLACED FROM WATERMAIN TO PROPERTY LINE. ALL OTHERS TO BE RECONNECTED.

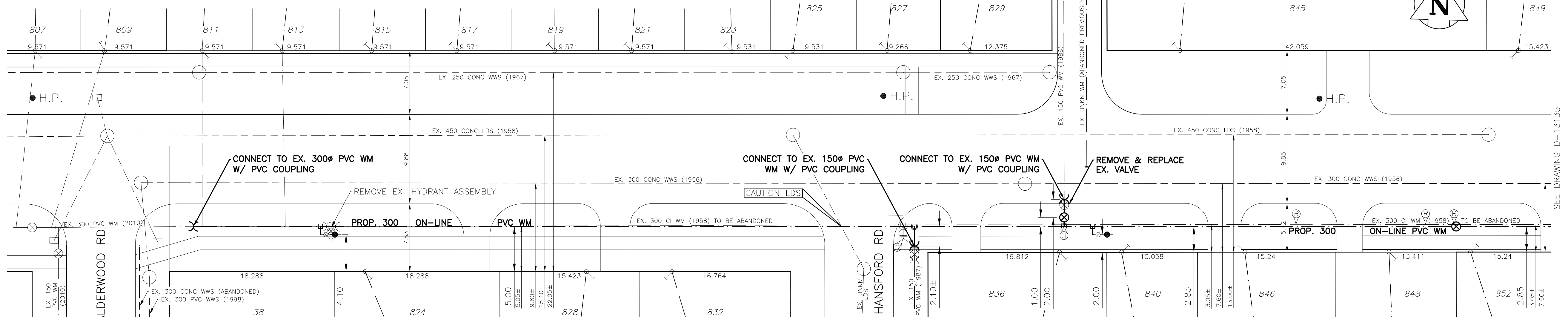
"Description of property limits, and existing and/or proposed features relative to these limits as shown on this drawing do not represent a Legal Survey. GENIVAR makes no representation or guarantee that the property limit information is accurate. GENIVAR accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this drawing."



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ADDRESS & NATURE	SIZE (mm) & TYPE	SHORT & LONG MEASUREMENT	CORP LOCATION	REMARKS
811 Elizabeth Rd Residential	UNKNOWN	4 R L COR HSE		
813 Elizabeth Rd Residential	UNKNOWN	2 WE/BL 6 WE/PL	OPP S/C	
815 Elizabeth Rd Residential	UNKNOWN	3 R L COR HSE	BLDG 32	
817 Elizabeth Rd Residential	UNKNOWN	6 L R COR HSE	BLDG 32	
819 Elizabeth Rd Residential	UNKNOWN	5 R L COR HSE	BLDG 29	
821 Elizabeth Rd Residential	UNKNOWN	5 L R COR HSE	BLDG 29	
823 Elizabeth Rd Residential	UNKNOWN	2.3 E/W/BL & 5.6 E/W/LL	BLDG 8.3	
824 Elizabeth Rd Residential	UNKNOWN	8.5 L R COR HSE	BLDG 33	
825 Elizabeth Rd Residential	UNKNOWN	10 L R COR HSE	BLDG 27	
827 Elizabeth Rd Residential	UNKNOWN	1.8 WE/BL	BLDG 9.5	

ADDRESS & NATURE	SIZE (mm) & TYPE	SHORT & LONG MEASUREMENT	CORP LOCATION	REMARKS
828 Elizabeth Rd Residential	UNKNOWN	3 R L COR HSE	BLDG 34	
829 Elizabeth Rd Residential	UNKNOWN	6 L R COR HSE	BLDG 32	
832 Elizabeth Rd Residential	UNKNOWN	3.7 LR COR OF HSE	BLDG 33.6	
836 Elizabeth Rd Residential	UNKNOWN	9 R L COR HSE	BLDG 24	
840 Elizabeth Rd Residential	UNKNOWN	6 LR/BL 40 EW LM/H		
845 Elizabeth Rd Residential	UNKNOWN	10.5 RL CR OF HSE		
846 Elizabeth Rd Residential	UNKNOWN	OFF R COR		
848 Elizabeth Rd Residential	UNKNOWN	12 LR CR/HSE EDGE OF WK		
849 Elizabeth Rd Residential	UNKNOWN	10 R L COR HSE		
852 Elizabeth Rd Residential	UNKNOWN	1 L R COR HSE		



EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
	WATERMAIN			HYDRANT			VALVE	
	CURBED STOP			WASTE WATER SEWER			LAND DRAINAGE SEWER	
	C.B. LEAD			MANHOLE			CATCH BASIN	
	MANHOLE			TEE			BEND	
	ANODE REDUCER			PLUG			TREE	
	LAMP STANDARD			GAS			HYDRO	
	TRAFFIC SIGNAL			CONCRETE/ASPHALT			SIDEWALK	

EXISTING	LEGEND - PROFILE	PROPOSED
	WATERMAIN	
	VALVE	
	LAND DRAINAGE SEWER	
	WASTE WATER SEWER	
	CENTERLINE	

LOCATION APPROVED
UNDERGROUND STRUCTURES

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.

B.M. ELEV.	NO.	REVISIONS	DATE	BY
	3	BID OPPORTUNITY 175-2013	APR/13	P.R.
	2	DESIGN REVIEW W&W	MAR/13	P.R.
	1	PRELIMINARY REVIEW W&W	JAN/13	P.R.

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DESIGNED BY: P.R. CHECKED BY: S.M.
DRAWN BY: P.R. APPROVED BY: I.McK.
HOR. SCALE: 1:250 RELEASED FOR CONSTRUCTION: APRIL 3RD, 2013
VERT. SCALE: 1:50 ORIGINALLY SIGNED BY: K. ZUREK, P. ENG

ENGINEERS SEAL
PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
I. G. MCKINNON

CONSULTANT DRAWING NO. 131-12754-00-04

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

Winnipeg

2013 CAPITAL WORKS
WATERMAIN RENEWALS
ELIZABETH ROAD

ALDERWOOD ROAD TO
73M EEL OF HANSFORD ROAD

SHEET 1 of 2
CITY DRAWING NO. D-13134