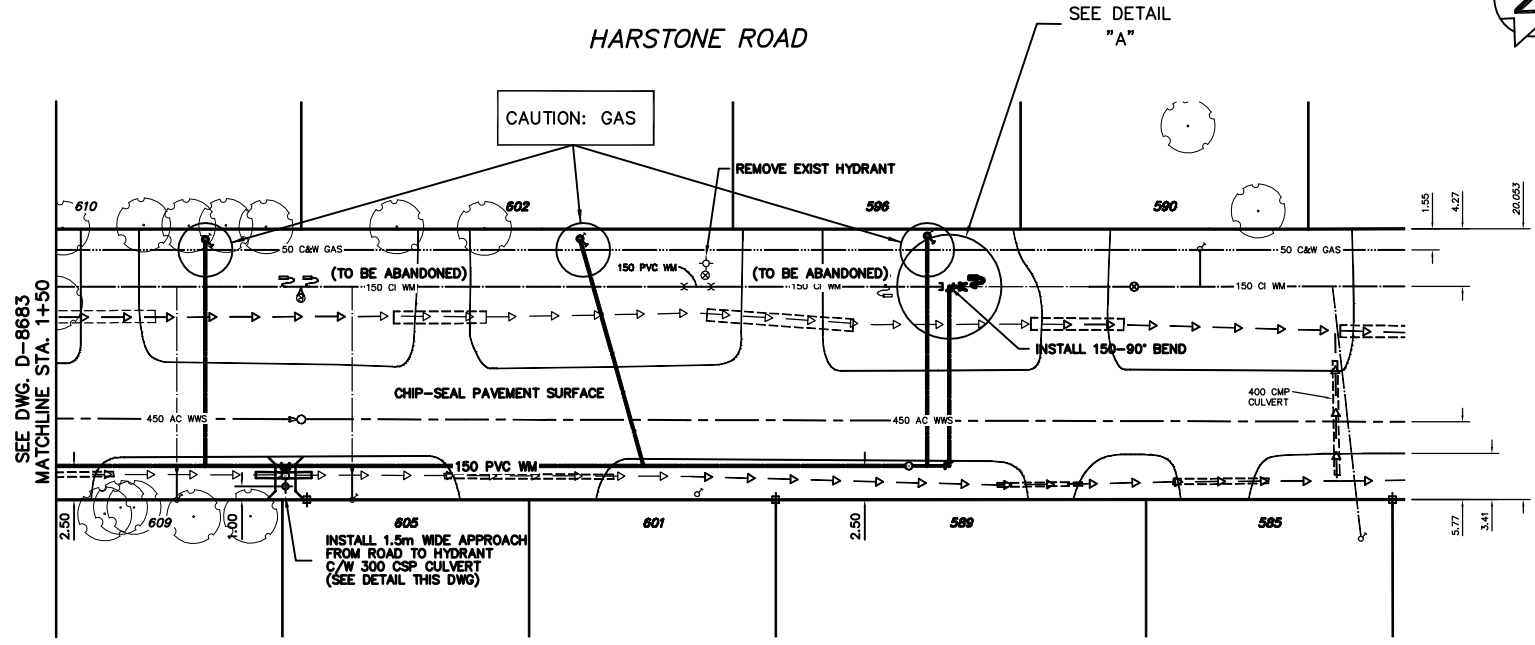


NOTE: CHAINAGES SHOWN ARE ALONG W. P. OF HARSTONE RD.



WATER SERVICE INFORMATION

ADDRESS	SIZE (mm)	SIZE (mm) & TYPE (STREET)	SHORT & LONG MEASUREMENT (PROP)	CORP. LOCATION	REMARKS
585 HARSTONE RD RESIDENTIAL	20	20 COPPER	1.52 S OF NHL	1.83 SSL HSE	-
589 HARSTONE RD RESIDENTIAL	-	-	9.14 WWL HSE	-	-
590 HARSTONE RD RESIDENTIAL	20	-	5.18 SNL HSE	OPP S/C	-
596 HARSTONE RD RESIDENTIAL	20	-	11.43 OUT	-	-
598 HARSTONE RD RESIDENTIAL	-	-	1.83 SNL HSE	OPP S/C	-
601 HARSTONE RD RESIDENTIAL	20	20 COPPER	7.92 N OF SHL	-	-
602 HARSTONE RD RESIDENTIAL	20	20 COPPER	11.58 OUT	-	-
605 HARSTONE RD RESIDENTIAL	20	20 COPPER	9.45 R/LHL	1.22 N OF S/C	-
605 HARSTONE RD RESIDENTIAL	20	20 COPPER	20.73 N MH @ 605	-	-
605 HARSTONE RD RESIDENTIAL	20	20 COPPER	3.05 WLE HSE	OPP S/C	-
609 HARSTONE RD RESIDENTIAL	20	20 COPPER	10.97 OUT	-	-
609 HARSTONE RD RESIDENTIAL	20	20 COPPER	6.40 NSL HSE	OPP S/C	-
610 HARSTONE RD RESIDENTIAL	20	20 COPPER	10.97 OUT	OPP S/C	-
610 HARSTONE RD RESIDENTIAL	20	20 COPPER	4.27 S OF NHL	OPP S/C	-
610 HARSTONE RD RESIDENTIAL	20	20 COPPER	14.02 OUT	-	-

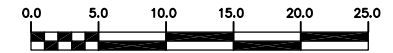
* SERVICES TO BE RENEWED TO R. ALL OTHERS TO BE RECONNECTED

CONSTRUCTION NOTES

- EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
- CONFIRMED LOCATION OF ALL SERVICES IN THE FIELD.
- INSTALL WATERMAIN BY TRENCHLESS METHODS.
- TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
- ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
- MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4 m.
- REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO R.
- NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
NOTE: ALL VALUES TO BE INSTALLED CLOCKWISE TO CLOSE

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



200 WM	WATERMAIN	200 WM	SL, HYDRO	150 WM	WATERMAIN	150 WM
⊕	HYDRANT	⊕	MTS	⊕	HYDRANT	⊕
⊖	VALVE	⊖	TRAFFIC SIGNALS	⊖	VALVE	⊖
525 LDS	LAND DRAINAGE SEWER	525 LDS	50 GAS	300 LDS	LAND DRAINAGE SEWER	300 LDS
375 WWS	WASTEWATER SEWER	375 WWS	SURVEY BAR	250 WWS	WASTEWATER SEWER	250 WWS
○	MANHOLE	○	FENCE	⊕	PROFILE	⊕
□	CATCH BASIN	□	POLE - HYDRO, MTS	—	GROUND ABOVE PIPE	—
▽	CURB INLET	▽	CURB STOP	⊕	⊕ DITCH (NORTH & WEST)	⊕
<	REDUCER	<	GUY ANCHOR	⊕	⊕ DITCH (SOUTH & EAST)	⊕
X	COUPLER	X	LIGHT STANDARD	⊕	GUTTER (NORTH & WEST)	⊕
⊕	ANODE	⊕	TREE	⊕	GUTTER (SOUTH & EAST)	⊕
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED

LOCATION APPROVED UNDERGROUND STRUCTURES

B.M. ELEV. _____ FIELD BOOK # _____

POSTED TO LBS _____

DESIGNED BY SC CHECKED BY TW/KZ

DRAWN BY CJH/BAW APPROVED BY KZ

HOR. SCALE 1:250

VERTICAL SCALE 1:50

DATE 2005 04 20

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.

CITY OF WINNIPEG
WATER AND WASTE
ENGINEERING DIVISION

ENGINEER'S SEAL

ORIGINAL SIGNED BY K.R. ZUREK
05/04/20

DESIGNED BY SC CHECKED BY TW/KZ

DRAWN BY CJH/BAW APPROVED BY KZ

HOR. SCALE 1:250

VERTICAL SCALE 1:50

DATE 2005 04 20

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2005 WATERMAIN RENEWALS

HARSTONE ROAD
97 m NORTH OF ELDRIDGE AVENUE
197 m NORTH OF ELDRIDGE AVENUE

SHEET 4 OF 10
CITY DRAWING NUMBER D-8684