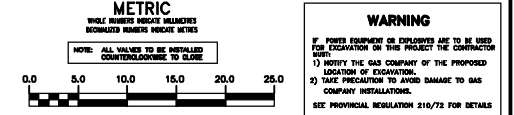


**WATER SERVICE INFORMATION**

ADDRESS	SIZE (mm)	SIZE (IN)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
281 BRAZIER AVE	20	20	2.83 EE LINE 232 HARBISON AV	OFF SC	SERV. OFF HARBISON AV
RESIDENTIAL	COPPER	COPPER	10.00 EEL BRAZIER ST	OFF SC	SERV. OFF HARBISON AV W
307 BRAZIER AVE	20	20	10.00 EEL BRAZIER ST	OFF SC	SERV. OFF HARBISON AV W
RESIDENTIAL	COPPER	COPPER	2.95 WEL BRAZIER ST	2.13 W SC	AKA 211 HARBISON AV W
252 MARTIN AVE W	15	15	1.13 WEL	OFF SC	SERV. OFF MARTIN AV W
RESIDENTIAL	LEAD	LEAD	0.40 WEL BRAZIER ST	0.81 E SC	SERV. OFF MARTIN AV W
233 MARTIN AVE W	20	20	1.83 WEL	OFF SC	SERV. OFF MARTIN AV W
RESIDENTIAL	LEAD	LEAD	0.86 WEL BRAZIER ST	0.33 E SC	SERV. OFF MARTIN AV W
233 MARTIN AVE W	20	20	2.74 WEL	OFF SC	SERV. OFF MARTIN AV W
RESIDENTIAL	COPPER	COPPER	0.45 EEL BRAZIER ST	0.33 E SC	SERV. OFF HARBISON AV W
233 HARBISON AVE W	20	20	1.70 WEL	OFF SC	SERV. OFF HARBISON AV W
RESIDENTIAL	COPPER	COPPER	0.86 WEL BRAZIER ST	0.33 E SC	AKA 283 BRAZIER ST
233 HARBISON AVE W	20	20	2.36 EEL BRAZIER ST	OFF SC	SERV. OFF HARBISON AV W
RESIDENTIAL	COPPER	COPPER	2.36 EEL BRAZIER ST	OFF SC	SERV. OFF HARBISON AV W
233 HARBISON AVE W	20	20	2.36 EEL BRAZIER ST	OFF SC	SERV. OFF HARBISON AV W
RESIDENTIAL	COPPER	COPPER	2.36 EEL BRAZIER ST	OFF SC	SERV. OFF HARBISON AV W

\* SERVICES TO BE RENEWED TO & ALL OTHERS TO BE RECONNECTED

- CONSTRUCTION NOTES**
- EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
  - LOCATE 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.
  - REPAIR ALL EXISTING LEAD SERVICE PIPES FROM PROPOSED WATERMAIN TO E.
  - NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.
  - ALL LARGE DIAMETER SERVICE CONNECTIONS TO BE SUPPLIED WITH 38 mm TEMPORARY SERVICE CONNECTIONS.



**WARNING**

IF POWER EQUIPMENT OR PIPELINES 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 216/72 FOR DETAILS

200 WM	WATERMAIN	200 WM	SL. HYDRO	350 WM	WATERMAIN	150 WM	LOCATION APPROVED UNDERGROUND STRUCTURES
⊕	HYDRANT	⊕	MTS	⊕	HYDRANT	⊕	
⊕	VALVE	⊕	TRAFFIC SIGNALS	⊕	VALVE	⊕	
⊕	LAND DRAINAGE SEWER	⊕	50 GAS	⊕	LAND DRAINAGE SEWER	⊕	
⊕	WASTEWATER SEWER	⊕	375 WWS	⊕	WASTEWATER SEWER	⊕	
⊕	MANHOLE	⊕	FENCE	⊕	E PROFILE	⊕	
⊕	CATCH BASIN	⊕	POLE - HYDRO, MTS	⊕	GROUND ABOVE PIPE	⊕	
⊕	CURB INLET	⊕	CURB STOP	⊕	E DITCH (NORTH & WEST)	⊕	
⊕	REDUCER	⊕	GUY ANCHOR	⊕	E DITCH (SOUTH & EAST)	⊕	
⊕	COUPLER	⊕	LIGHT STANDARD	⊕	GUTTER (NORTH & WEST)	⊕	
⊕	ANCHOR	⊕		⊕	GUTTER (SOUTH & EAST)	⊕	
⊕	EXISTING	⊕	PROPOSED	⊕	EXISTING	⊕	PROPOSED

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 OVER LOCATIONS ARE EXACT. COOPERATION OF INTERESTED AGENCIES AND LOCATIONS OF ALL SERVICES MUST BE OBTAINED FROM THE RELEVANT UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY

FIELD BOOK #

POSTED TO LBS

**CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION**

DESIGNED BY NC CHECKED BY TW

DRAWN BY BAW/DJH APPROVED BY KZ

HOR. SCALE 1:250 RELEASED FOR CONSTRUCTION

VERTICAL 1:50

DATE 2005 06 13

ENGINEER'S SEAL

ORIGINAL SIGNED BY K.R. ZUREK 05/06/13

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

2005 WATERMAIN RENEWALS

**BRAZIER STREET**

37 m NORTH OF UNION AVENUE WEST TO HARBISON AVENUE WEST

D-8753

SHEET 2 of 12

CITY DRAWING NUMBER

80 OPPORTUNITY 339-2005  
FILENAME: P\_8752\_01\_8753.dwg  
PLOT DATE: 2005 06 13