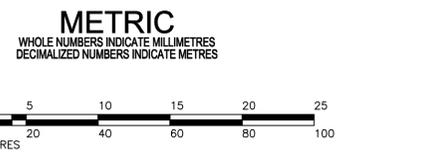


**NOTIFY ANDY VINCENT (CITY OF WINNIPEG)  
AT 986-3823 48 HOURS PRIOR TO  
EXCAVATION NEAR FEEDERMAIN**



- CONSTRUCTION NOTES:**
- EXPOSE WATERMAIN CONNECTIONS AND CONFIRM INVERTS PRIOR TO CONSTRUCTION
  - INSTALL WATERMAIN BY TRENCHLESS METHODS.
  - ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
  - MINIMUM COVER TO TOP OF PROPOSED WATERMAIN SHALL BE 2.5m FROM STREET CENTERLINE.
  - INSTALL ALL HYDRANTS WITH FLANGE ELEVATION 50mm TO 150mm ABOVE FINISHED GRADE.
  - REPLACE ALL EXISTING LEAD SERVICES FROM THE PROPOSED WATERMAIN TO PROPERTY LINE.
  - NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWN OR DISRUPTION OF SERVICE.
  - LOCATION OF WATER SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL WATER SERVICES PRIOR TO CONSTRUCTION.
  - BACKFILL UNDER OR WITHIN 1.0m OF PAVEMENTS, INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL EXCEPT AS NOTED. BACKFILL IN BOULEVARDS SHALL BE CLASS 5 BACKFILL. BACKFILL WITHIN 1.5m OF THE 900 FEEDERMAIN SHALL BE MODIFIED CLASS 3 AS SPECIFIED IN E9.

**WARNING**  
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT, THE CONTRACTOR MUST: NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS. SEE PROVINCIAL REGULATION 140/92 FOR DETAILS



ADDRESS	NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS:
175 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (24.7 m) N of NL WOLSELEY Short: (0.6 m) N of NL HOUSE	Long: (0.6 m) S of S/C #175	MAIN TAPPED OPPOSITE SIDE
176 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (7.6 m) S of SL BLDG Short: (1.0 m) S of SL HOUSE	Long: (1.4 m) N of S/C	MAIN TAPPED OPPOSITE SIDE
177 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (25.0 m) N of NL WOLSELEY Short: (0.9 m) N of NL HOUSE #175	Long: (0.1 m) S of S/C #175	MAIN TAPPED OPPOSITE SIDE
179 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.6 m)	Long: (40.8 m) N of NL WOLSELEY Short: (0.9 m) N of SL HOUSE	Long: (0.3 m) N of S/C	RENEW TO PROPERTY
187 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	LEAD	(0.3 m)	Long: (47.5 m) N of NL WOLSELEY Short: (1.2 m) N of SL HOUSE	Long: (0.3 m) S of S/C	RENEW TO PROPERTY
190 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (9.1 m) N of SL HOUSE Short: (1.5 m) N of SL HOUSE	Long: (1.2 m) S of S/C	MAIN TAPPED OPPOSITE SIDE
192 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (8.5 m) N of NL HOUSE Short: (0.9 m) S of SL HOUSE	Long: (1.5 m) S of S/C	MAIN TAPPED OPPOSITE SIDE
194 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (5.6 m) S of NL HOUSE Short: (0.5 m) N of SL HOUSE	Long: (0.3 m) S of S/C	MAIN TAPPED OPPOSITE SIDE
195 AUBREY ST	RESIDENTIAL	1/2 in (13 mm)	LEAD	(0.6 m)	Long: (59.4 m) N of NL WOLSELEY Short: (2.7 m) N of SL HOUSE	Long: (0.3 m) S of S/C	RENEW TO PROPERTY
196 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (8.5 m) N of SL HOUSE Short: (1.2 m) S of NL HOUSE	Long: (0.3 m) S of S/C	MAIN TAPPED OPPOSITE SIDE
197 AUBREY ST	RESIDENTIAL	1/2 in (13 mm)	LEAD	(0.3 m)	Long: (0.0 m) 0.0 ft of WOLSELEY Short: (2.8 m) N of SL HOUSE	Long: (0.5 m) N of S/C	RENEW TO PROPERTY
198 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (7.9 m) S of NL HOUSE Short: (1.8 m) S of SL HOUSE	Long: (0.5 m) S of S/C	MAIN TAPPED OPPOSITE SIDE
199 AUBREY ST	RESIDENTIAL	1/2 in (13 mm)	LEAD	(0.3 m)	Long: (148.1 m) S of SL WESTMINSTER Short: (0.6 m) S of SL HOUSE	Long: (0.5 m) S of S/C	RENEW TO PROPERTY

ADDRESS	NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS:
200 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.3 m)	Long: (76.5 m) N of NL WOLSELEY Short: (0.6 m) N of SL HOUSE	Long: (0.6 m) S of S/C	RENEW TO PROPERTY
201 AUBREY ST	RESIDENTIAL	1/2 in (13 mm)	LEAD	(0.3 m)	Long: (137.2 m) S of SL WESTMINSTER Short: (0.3 m) S of SL S WINDOW	Long: (0.6 m) S of S/C	RENEW TO PROPERTY
202 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (10.1 m) S of NL HOUSE Short: (2.6 m) S of SL HOUSE	Long: (0.6 m) S of S/C	MAIN TAPPED OPPOSITE SIDE
204 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (5.3 m) S of NL HOUSE Short: (3.5 m) N of SL HOUSE	Long: (0.6 m) S of S/C	MAIN TAPPED OPPOSITE SIDE
205 AUBREY ST	RESIDENTIAL	1/2 in (13 mm)	LEAD	(0.3 m)	Long: (128.3 m) S of SL WESTMINSTER Short: (0.3 m) S of SL HOUSE	Long: (127.4 m) S of SL WESTMINSTER	RENEW TO PROPERTY
206 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (4.3 m) S of NL HOUSE Short: (2.4 m) N of SL HOUSE	Long: (0.3 m) S of S/C	MAIN TAPPED OPPOSITE SIDE
209 AUBREY ST	RESIDENTIAL	1/2 in (13 mm)	LEAD	(1.4 m)	Long: (123.7 m) S of SL WESTMINSTER Short: (0.3 m) N of SL HOUSE	Long: (0.3 m) S of S/C	RENEW TO PROPERTY
211 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (6.4 m) N of 1ST HYD Short: (0.9 m) N of SL HOUSE	Long: (0.6 m) N of S/C	MAIN TAPPED OPPOSITE SIDE
212 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (7.5 m) S of NL HOUSE Short: (1.1 m) N of SL HOUSE	Long: (0.3 m) S of S/C	MAIN TAPPED OPPOSITE SIDE
213 AUBREY ST	RESIDENTIAL	1/2 in (13 mm)	LEAD	(0.3 m)	Long: (96.9 m) S of SL WESTMINSTER Short: (0.3 m) S of SL HOUSE	Long: (0.3 m) S of S/C	RENEW TO PROPERTY
214 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (6.9 m) S of NL HOUSE Short: (1.5 m) N of SL HOUSE	Long: (0.3 m) S of S/C	MAIN TAPPED OPPOSITE SIDE
215 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.6 m)	Long: (87.5 m) S of SL WESTMINSTER Short: (0.6 m) N of SL HOUSE	Long: (0.6 m) N of S/C	RENEW TO PROPERTY
216 AUBREY ST	RESIDENTIAL	3/4 in (19 mm)	COPPER	(0.5 m)	Long: (3.7 m) S of NL HOUSE Short: (2.4 m) N of SL HOUSE	Long: (0.6 m) N of S/C	MAIN TAPPED OPPOSITE SIDE

EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW
150 WM	150 WM	CURB STOP	150 WM	WATERMAIN	150 WM	WATERMAIN	150 WM
HYDRANT	HYDRANT	REDUCER	HYDRANT	HYDRANT	HYDRANT	HYDRANT	HYDRANT
VALVE	VALVE	COUPLING	VALVE	VALVE	VALVE	VALVE	VALVE
300 LDS	300 LDS	ANODE	300 LDS	LAND DRAINAGE SEWER	300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	250 WWS	HYDRO	250 WWS	WASTE WATER SEWER	250 WWS	WASTE WATER SEWER	250 WWS
MANHOLE	MANHOLE	MTS	MANHOLE	PAVEMENT CROWN	MANHOLE	PAVEMENT CROWN	MANHOLE
CATCH BASIN	CATCH BASIN	GAS	CATCH BASIN	N/W PROPERTY LINE	CATCH BASIN	N/W PROPERTY LINE	CATCH BASIN
CURB INLET	CURB INLET	TESTHOLE	CURB INLET	S/E PROPERTY LINE	CURB INLET	S/E PROPERTY LINE	CURB INLET
CULVERT	CULVERT	LAMP STANDARD	CULVERT	N/W GUTTER	CULVERT	N/W GUTTER	CULVERT
PIPE ABANDONMENTS	PIPE ABANDONMENTS	TREE	PIPE ABANDONMENTS	S/E GUTTER	PIPE ABANDONMENTS	S/E GUTTER	PIPE ABANDONMENTS
SURVEY BAR	SURVEY BAR		SURVEY BAR		SURVEY BAR		SURVEY BAR

**LOCATION APPROVED UNDERGROUND 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.

BM 37-059 ELEV. 232.782m

S.E. Cor. Westminster Ave. & Lipson St., T4B 1N W. (North West Corner of No. 161 Lipson St., 0.5m S. & 0.3 m A.G.L. of N.W. Cor. of Bldg.)

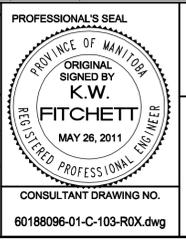
**AECOM**

DESIGNED BY GSK CHECKED BY FMI

DRAWN BY JP APPROVED BY CCM

HOR. SCALE 1:250 VERT. SCALE 1:50

RELEASED FOR CONSTRUCTION DATE 2011/05/26



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

**2011 WATERMAIN RENEWALS CONTRACT 4**

AUBREY STREET STATION 0+350 TO STATION 0+480

SHEET 3 OF 7

CITY DRAWING NUMBER D-12433

REV 0

BID OPPORTUNITY NO. 451-2011