



**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 140/82 FOR DETAILS

**WATER SERVICE INFORMATION**

ADDRESS	SIZE (mm) & TYPE	SHORT & LONG MEASUREMENT	CORPORATION LOCATION	REMARKS
1595 BUFFALO PL (INDUSTRIAL)	50 COPPER	17.40 W OF 1ST HYD E OF BEAVER		SC 0.30 S OF CURB
1601 BUFFALO PL (COMMERCIAL)	50 COPPER	4.00 EWL BLDG		SC 5.90 N OF CURB
	1.40 COPPER	WEL DWY		

**LOCATION APPROVED UNDERGROUND STRUCTURES**

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	08/04/23	ADL

**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMAL NUMBERS INDICATE METRES

**UMA AECOM**  
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 DESIGNED BY: MJR  
 CHECKED BY: A. Delamini  
 DRAWN BY: ADL  
 APPROVED BY: [Signature]  
 HOR. SCALE: 1:250  
 VERT. SCALE: 1:50  
 DATE: 08/04/23

**APECM**  
 Certificate of Authorization  
 UMA Engineering Ltd. (MB)  
 No. 256 Date: 08/04/23

**CONSTRUCTION NOTES:**

- EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
- CONFIRM LOCATION OF ALL SERVICES IN THE FIELD.
- INSTALL WATERMAIN BY TRENCHLESS METHODS.
- TRENCHES AND EXCAVATIONS WITHIN 1.0m OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
- ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
- REPLACE EXISTING SERVICES FROM PROPOSED WATERMAIN TO PL UNLESS OTHERWISE SHOWN ON DRAWING.
- NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

BID OPPORTUNITY NO. 331-2008

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW
150 WM	WATERMAIN	150 WM	150 WM	WATERMAIN	150 WM	150 WM	WATERMAIN	150 WM
300 LDS	LAND DRAINAGE SEWER	300 LDS	300 LDS	LAND DRAINAGE SEWER	300 LDS	300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS	250 WWS	WASTE WATER SEWER	250 WWS	250 WWS	WASTE WATER SEWER	250 WWS
○	MANHOLE	●	○	MANHOLE	●	○	MANHOLE	●
□	CATCH BASIN	■	□	CATCH BASIN	■	□	CATCH BASIN	■
△	CURB INLET	▲	△	CURB INLET	▲	△	CURB INLET	▲
○	CULVERT	○	○	CULVERT	○	○	CULVERT	○
—	PIPE ABANDONMENTS	—	—	PIPE ABANDONMENTS	—	—	PIPE ABANDONMENTS	—
+	SURVEY BAR	+	+	SURVEY BAR	+	+	SURVEY BAR	+

LEGEND - PLAN	LEGEND - PROFILE
○	HYDRANT
○	REDUCER
○	VALVE
○	COUPLING
○	ANODE
○	HYDRO
○	MTS
○	GAS
○	TESTHOLE
○	LAMP STANDARD
○	TREE

**LOCATION APPROVED UNDERGROUND STRUCTURES**  
 SUPR. UG STRUCTURES COMMITTEE DATE  
 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 65-006 ELEV 233.588m  
 Tht. in S. wall UMA Ltd. Building No. 1479 Buffalo Pl. 4.1m W. of S.E. Cor. of Bldg., & 0.6m below black brickwork.

DESIGNED BY: MJR  
 CHECKED BY: A. Delamini  
 DRAWN BY: ADL  
 APPROVED BY: [Signature]  
 HOR. SCALE: 1:250  
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PROFESSIONAL'S SEAL  
 PROVINCE OF MANITOBA  
 24 April 2008  
 C.C. MACEY  
 REGISTERED ENGINEER  
 CONSULTANT DRAWING NO. 03  
 D265-229-00

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

2008 Watermain Renewals Contract 6

Buffalo Place  
 Match Line 0+575 to Match Line 0+725

SHEET 03 OF 10  
 CITY DRAWING NUMBER  
 D-11355  
 REV 0