

March 1, 2018

Dear Sir:

Attached is Addendum No. 3 dated March 1, 2018 to the Specifications for The Manitoba Water Services Board Contract No. M.W.S.B. 1414, The Town of Snow Lake Phase 2 Water and Sewer Infrastructure Renewal. Please verify receipt of this Addendum for our records by fax to (204) 726-6290.

ACKNOWLEDGEMENT OF RECEIPT OF ALL ADDENDUMS
MUST BE INCLUDED IN THE TENDER SUBMISSION.**

Failure to include acknowledgement shall cause the tender to be rejected. If Tender is submitted before Addendum is issued, the Board will accept a faxed acknowledgement prior to the tender closing.

Yours truly,

R. Lytle
Construction Manager

The Manitoba Water Services Board
Unit #1A - 2010 Currie Blvd.
Brandon, MB R7B 4E7

Dear Sir:

We have received Addendum No. 3 dated March 1, 2018 to the Specifications for The Manitoba Water Services Board Contract No. M.W.S.B. 1414, The Town of Snow Lake Phase 2 Water and Sewer Infrastructure Renewal.

Yours truly,

Company

Per

THE MANITOBA WATER SERVICES BOARD

CONTRACT NO. M.W.S.B. 1414

**The Town of Snow Lake
Phase 2 Water and Sewer Infrastructure Renewal**

ADDENDUM NO. 3

To the tender documents for:

Date: March 1, 2018

1) PRECEDENCE

This addendum forms an integral part of the specifications describing all aspects of the work and is to be read in conjunction therewith.

2) SCOPE

The purpose of this addendum is to amend the following sections of the Tender Documents:

.1 Add the following clauses to Measurement and Payment Section 01150:

1.3 .10 Installation of Watermain Renewals Clause .10 Temporary Watermain Bypass

.1 Supply and installation of above ground watermain bypass shall be measured on a lump sum basis. The price bid shall include supply, delivery, excavation, cutting and dewatering of pipes, disinfection & testing, pipe supports, bedding and backfill, and all necessary fittings for the acceptable installation of a watermain bypass as shown on the Drawings.

Temporary main to be must be protected from damage at all points. Upon decommissioning surplus piping to be salvaged and delivered to the Town of Snow Lake Public Works yard.

After decommissioning of the bypass, all areas disturbed are to be restored to original conditions or better. Any temporary appurtenances installed on mains are to be removed and watermains restored to their original configuration.

.2 Add the following clauses to Special Provisions Section 01001:

27. Flexible Couplings

.1 EBAA 408F20 Flex-Tend supplied in ductile iron will be accepted as an approved equal.

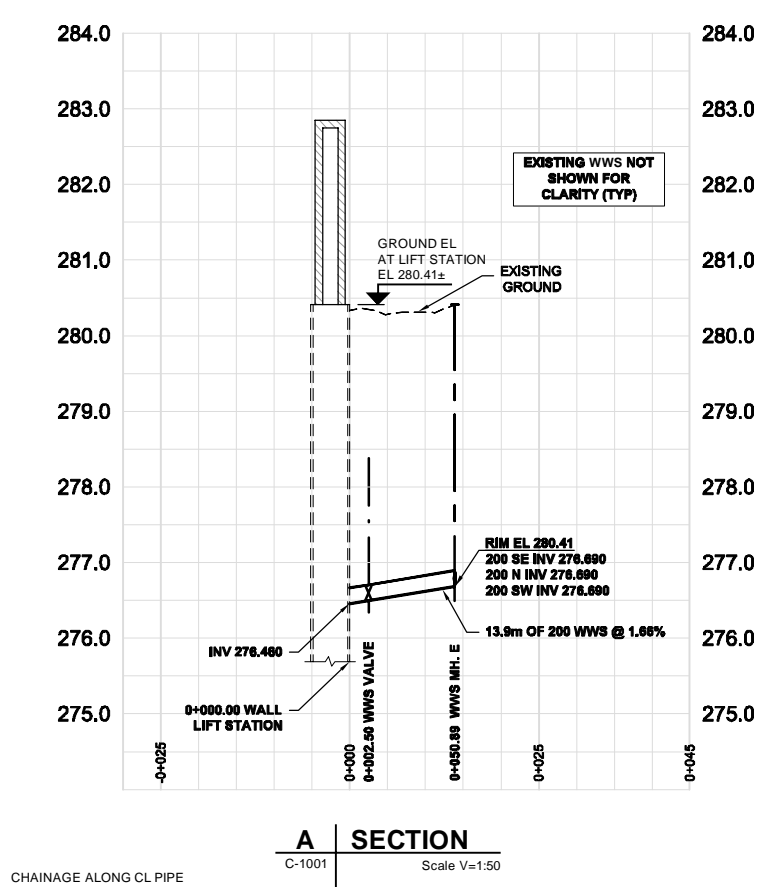
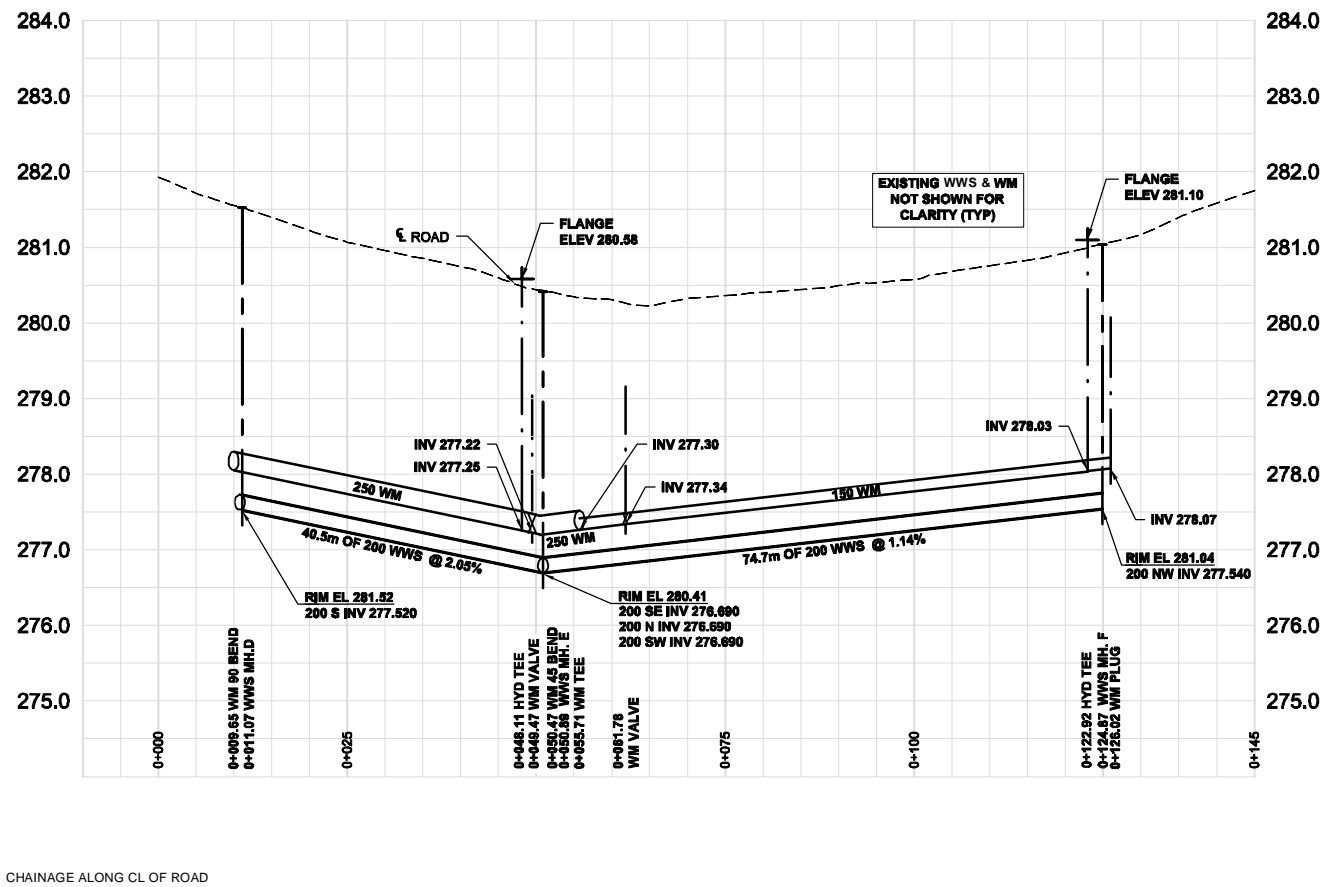
28. Flood Tamping Compaction

.1 Further to Drawings and Specifications flood tamping of trenches will be considered an acceptable alternate method of compaction.

- 29. Fire Hydrant Pre-Insulation**
- .1 Fire Hydrant insulation to be as described in Section 02666 Clause 2.3.1 Insulation.
- 30. Pipe Gaskets**
- .1 Watermain gaskets to be as described within City of Steinbach TS 5100 Clause 3.3.
 - .2 Sewermain gaskets to be as described within City of Steinbach TS 5300 Clause 3.3.
- .3 Replace Drawings C-1001, C-1002, and C-4001 Revision B with the attached Revision C Issued for Addendum 3 attached.
- .4 Replace MWSB 3B Schedule of Prices with the attached.

END OF ADDENDUM

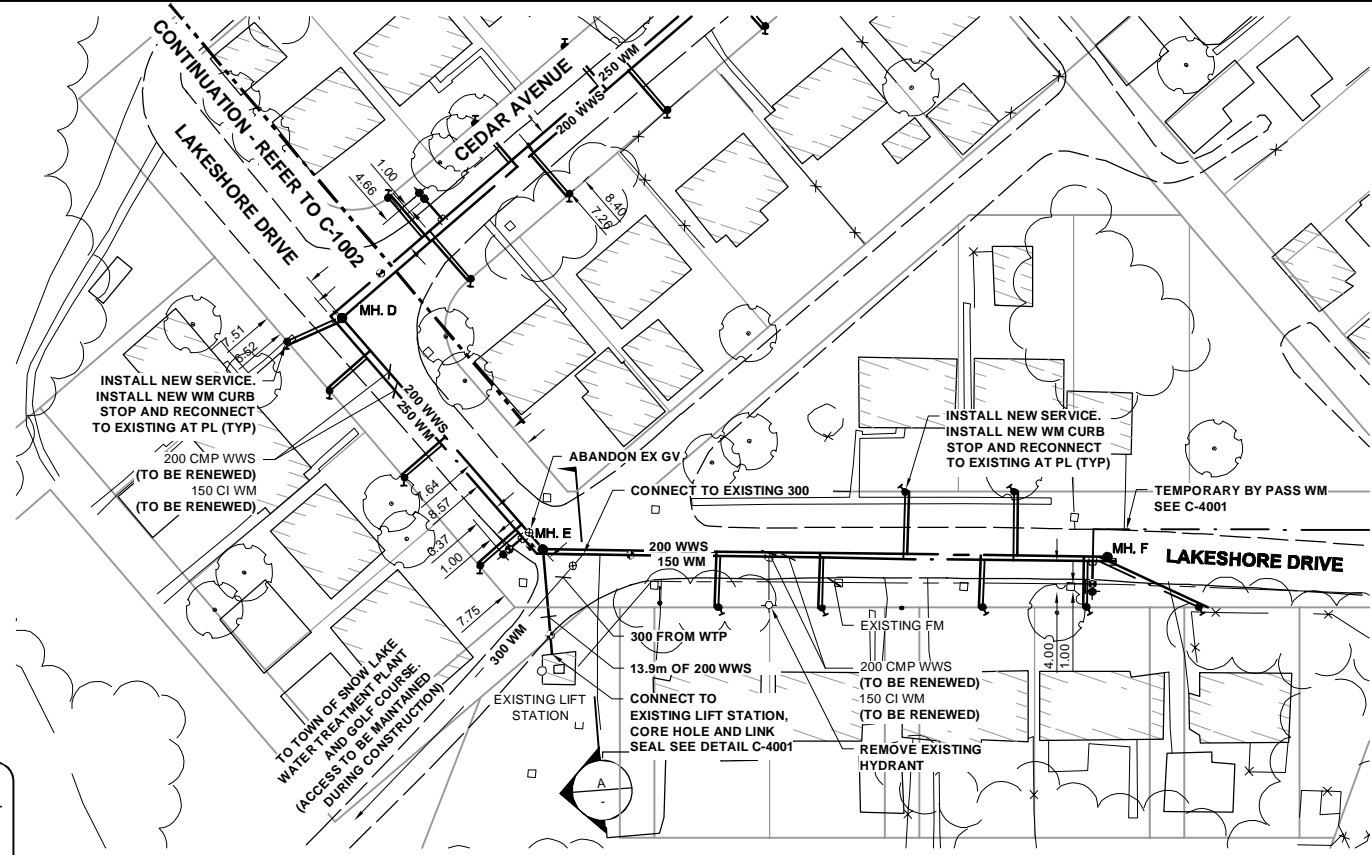
Project Management Initials: Designer: BB Checklet: GK Approver: RJR



CHAINAGE ALONG CL OF ROAD

CHAINAGE ALONG CL PIPE

A SECTION
C-1001 Scale V=1:50



PLAN/PROFILE
0 12.5 25 m
0 1.25 2.5 V=1:50

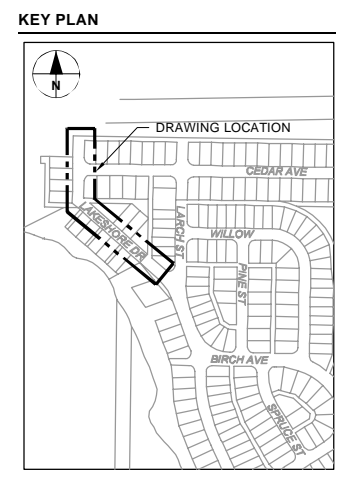


PROJECT
Town of Snow Lake
Phase 2 Water and
Sewer Infrastructure
Renewal
MWSB No. 1414

CLIENT
The Manitoba Water
Services Board
2010 Currie Blvd.
Brandon MB, R7A 6Y9
204.726.6076 tel 204.726.7196 fax
Email: mwsb@gov.mb.ca
www.gov.mb.ca/ia/mwsb/mwsb.html

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www.aecom.com

REGISTRATION



ISSUE/REVISION

NO	DATE	DESCRIPTION
C	2018/01/03	ISSUED FOR ADDENDUM 3
B	2018/01/30	ISSUED FOR TENDER
A	2017/12/07	ISSUED FOR 60% REVIEW
I/R	DATE	DESCRIPTION

PROJECT NUMBER
60554374

SHEET TITLE
CIVIL - PLAN/PROFILE
LAKE SHORE DRIVE

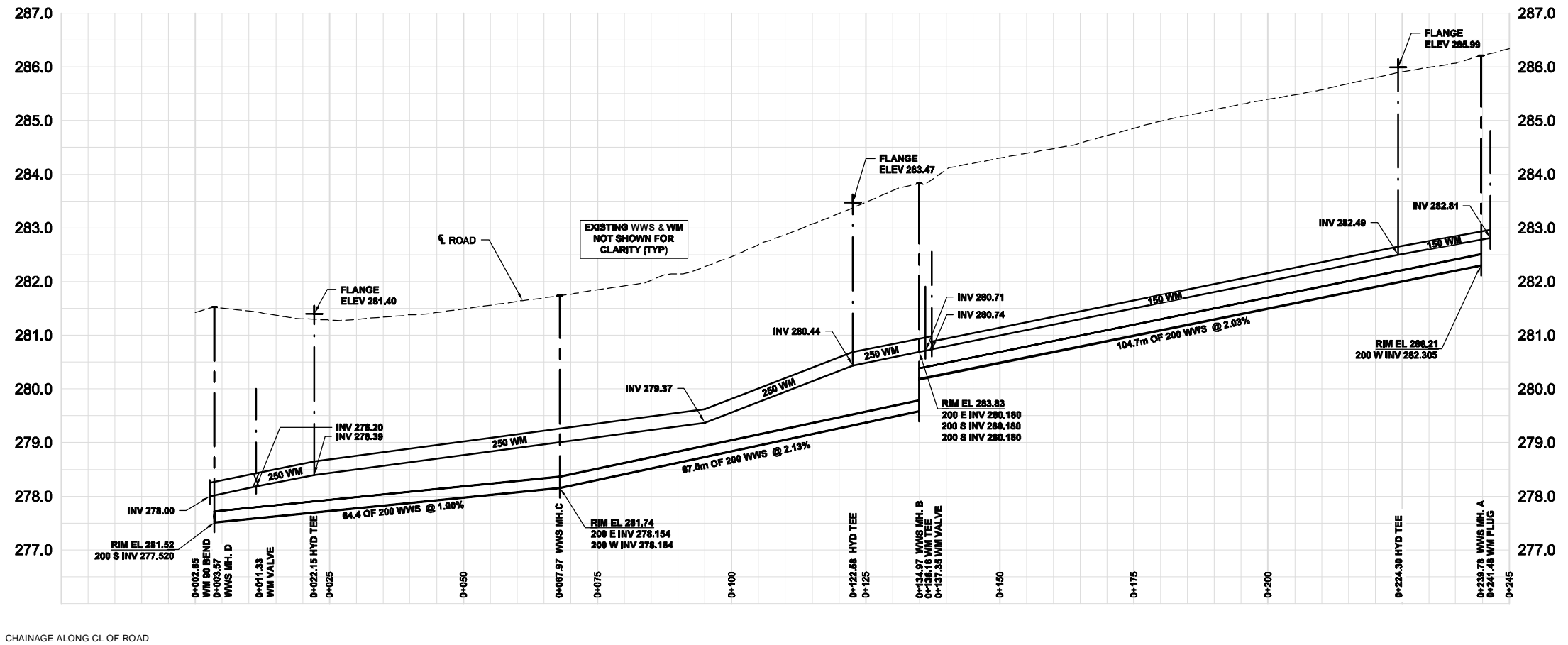
SHEET NUMBER
C-1001

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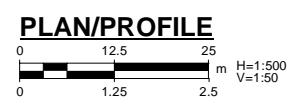
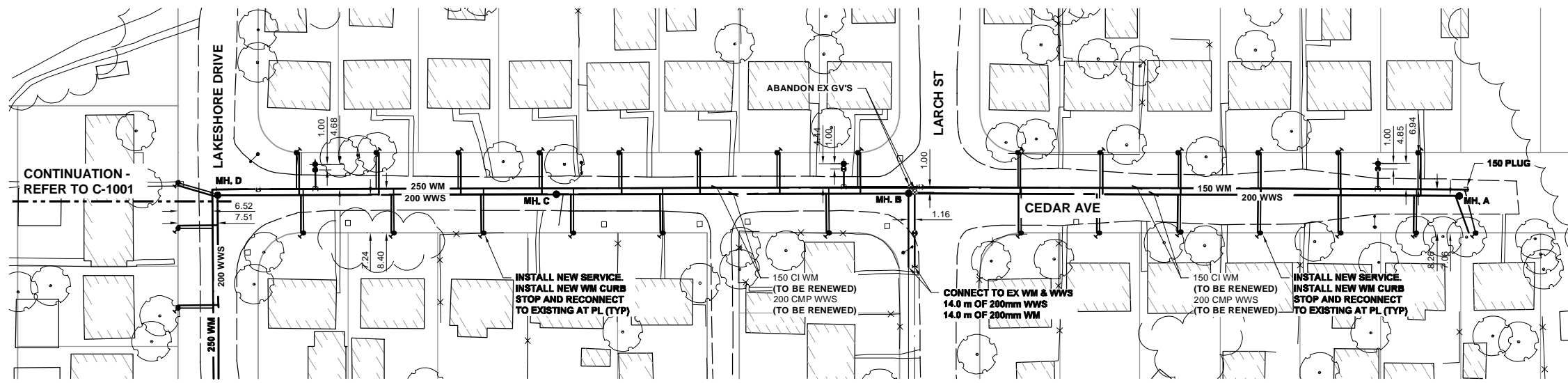
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CHAINAGE ALONG CL OF ROAD



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Town of Snow Lake
Phase 2 Water and
Sewer Infrastructure
Renewal
MWSB No. 1414

CLIENT
The Manitoba Water
Services Board

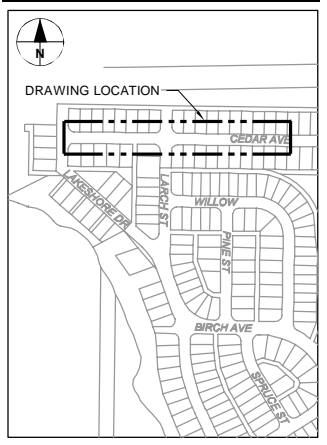
2010 Currie Blvd.
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www.aecom.com

REGISTRATION



KEY PLAN



ISSUE/REVISION

NO	DATE	DESCRIPTION
C	2018/01/03	ISSUED FOR ADDENDUM 3
B	2018/01/30	ISSUED FOR TENDER
A	2017/12/07	ISSUED FOR 60% REVIEW
I/R	DATE	DESCRIPTION

PROJECT NUMBER

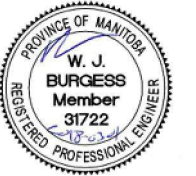
60554374

SHEET TITLE
CIVIL - PLAN/PROFILE
CEDAR AVE

SHEET NUMBER

C-1002

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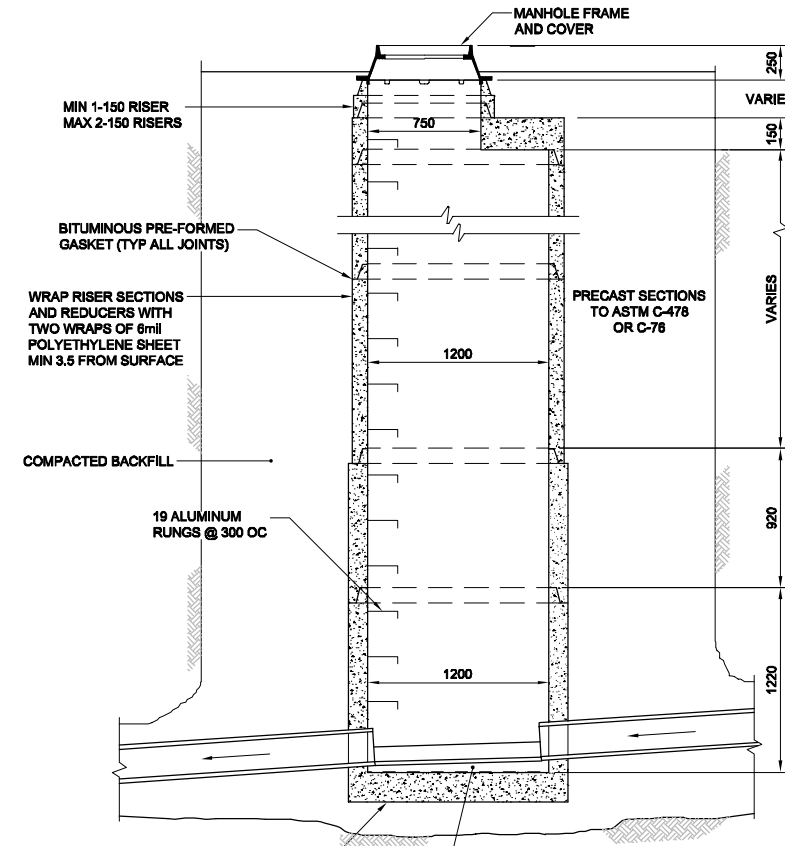
ISSUE/REVISION		
	DATE	DESCRIPTION
C	2018/01/03	ISSUED FOR ADDENDUM 3
B	2018/01/30	ISSUED FOR TENDER
A	2017/12/07	ISSUED FOR 60% REVIEW
I/R	DATE	DESCRIPTION

PROJECT NUMBER
 60554374

SHEET TITLE
 CIVIL
 MISCELLANEOUS DETAILS

SHEET NUMBER
 C-4001

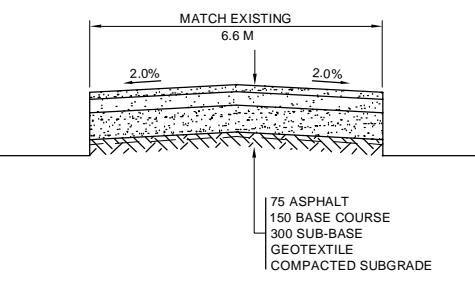
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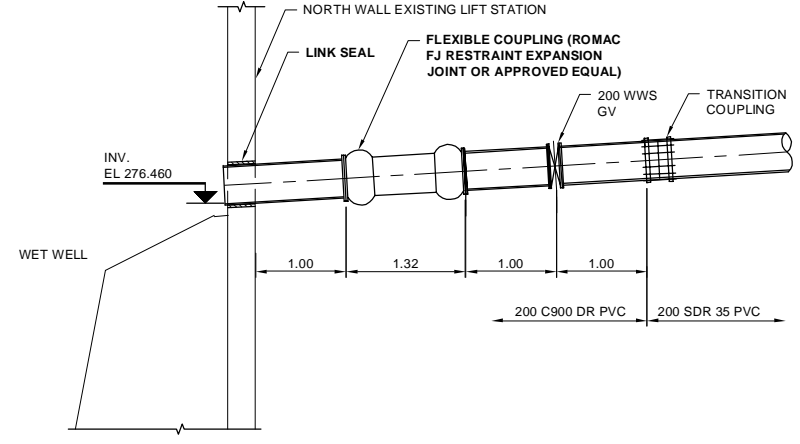
EXTEND PIPING CONTINUOUSLY THROUGH MANHOLE. REMOVE TOP HALF OF PIPE. BENCH TO 0.75 OF PIPE DIAMETER. ALTERNATIVELY PROVIDE PRE-BENCHING AND INSERTS FOR PIPES.

- NOTES:**
- INSTALL 75 WIDE x 6 THICK x 900 LONG GALVANIZED STEEL FROST STRAPS C/W 19/2 316 SS ANCHOR BOLTS ACROSS ALL JOINTS WITHIN 3.5 OF GRADE, PLACED AT 3 EQUIDISTANT CIRCUMFERENTIAL SPACING AROUND THE MANHOLE.
 - ALL MANHOLES LESS THAN 2.0 IN DEPTH SHALL BE INSULATED WITH 50 STYROFOAM H140 (OR APPROVED EQUAL) ON THE EXTERIOR OF THE STRUCTURE. ALL JOINTS SHALL BE APPROPRIATELY CAULKED AND WATERTIGHT.
 - ALL MANHOLE EXTERIORS SHALL BE COATED WITH AN APPROVED WATERPROOFING MEMBRANE.

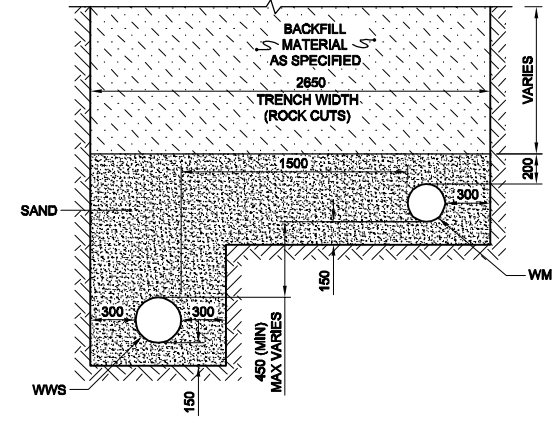
1 STANDARD MANHOLE
 Scale NTS



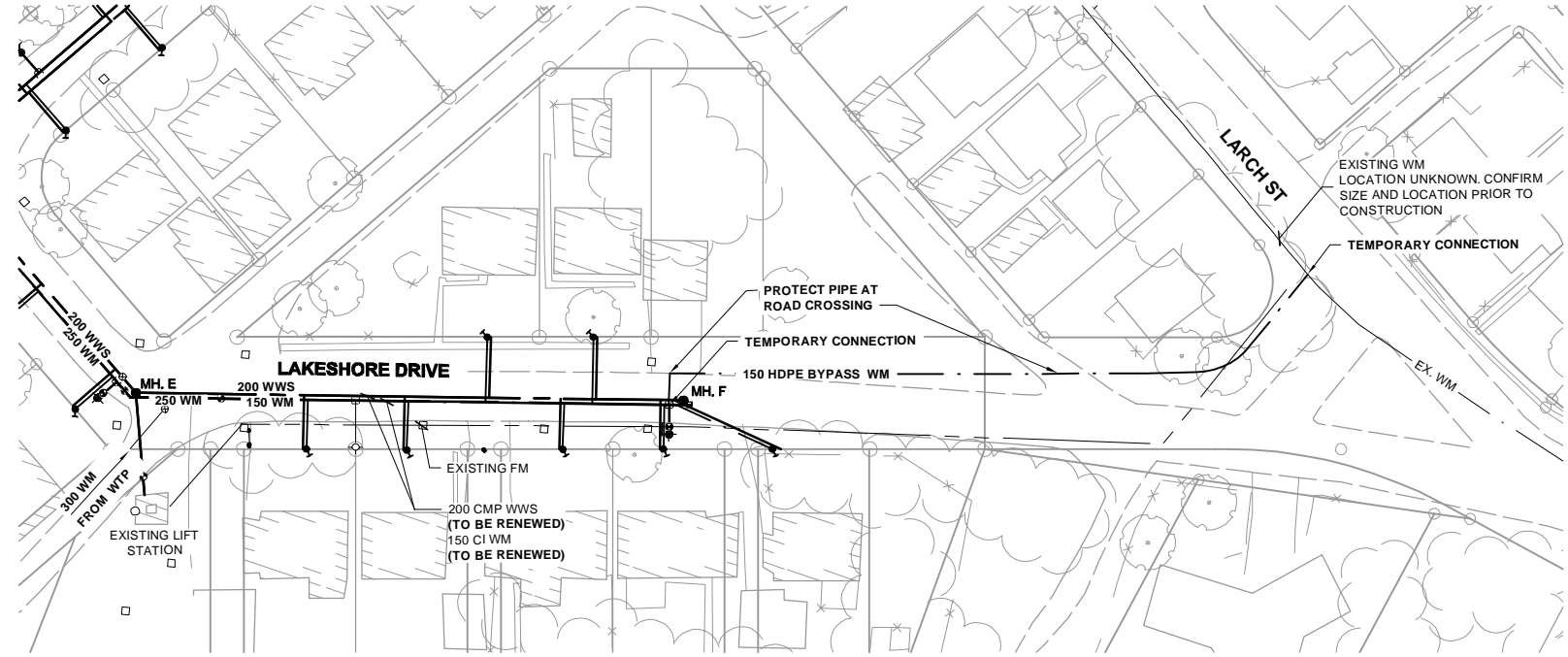
A PAVEMENT CROSS SECTION
 Scale NTS



2 CONNECTION TO EXISTING LIFT STATION
 Scale NTS



3 COMMON TRENCH DETAIL - ONLINE RENEWAL (TYP)
 Scale NTS



4 ABOVE GROUND WATER MAIN BYPASS
 Scale 1:500

Project Management Initials: Designer: BB Checklet: GK Approver: RJR

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**SCHEDULE OF PRICES
PROJECT NO. MWSB 1414**

DESCRIPTION OF WORK	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	TOTAL
A. Lake Shore Drive Watermain Renewal				
A.1 Watermain renewal (on-line)				
a. 250 mm				
i) common trench installation, sand bedding, class 2 backfill	50	lin. m.	\$ _____	\$ _____
b. 150 mm				
i) common trench installation, sand bedding, class 2 backfill	70	lin. m.	\$ _____	\$ _____
A.2 Hydrant (offline)				
a. On a 250 mm watermain	1	each	\$ _____	\$ _____
b. On a 150 mm watermain	1	each	\$ _____	\$ _____
A.3 Valves				
a. 150 mm	1	each	\$ _____	\$ _____
A.4 Fittings				
a. Bends				
i. 250 mm	2	each	\$ _____	\$ _____
b. Plugs				
i. 150 mm	1	each	\$ _____	\$ _____
c. Reducers				
i. 300 mm x 250 mm	1	each	\$ _____	\$ _____
ii. 250 mm x 150 mm	1	each	\$ _____	\$ _____
d. Tees				
i. 250 mm x 250 mm x 250 mm	1	each	\$ _____	\$ _____
A.5 Water Connections				
a. 25 mm				
i) open trench installation, sand bedding, class 2 backfill	60	lin.m.	\$ _____	\$ _____
ii) open trench installation, sand bedding, class 4 backfill	24	lin.m.	\$ _____	\$ _____
A.6 Corporation stop				
a. 25 mm	11	each	\$ _____	\$ _____
A.7 Curb stop and box				
a. 25 mm	11	each	\$ _____	\$ _____
A.8 Reconnecting of existing water connections at property line	11	each	\$ _____	\$ _____



**SCHEDULE OF PRICES
PROJECT NO. MWSB 1414**

DESCRIPTION OF WORK	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	TOTAL
A.9 Connecting to existing watermains				
a. 300 mm	1	each	\$ _____	\$ _____
A.10 Temporary Watermain By-Pass	1	lump	\$ _____	\$ _____
Sub Total Section A				\$ _____
B. Lake Shore Drive Sewermain Renewal				
B.1 Wastewater sewer renewal - online				
a. 200 mm				
i) common trench installation, sand bedding, class 2 backfill	115	lin.m.	\$ _____	\$ _____
ii) separate trench installation, sand bedding, class 2 backfill	14	lin.m.	\$ _____	\$ _____
B.2 Wastewater sewer renewal - online				
a. 200 mm PVC AWWA C900				
i) separate trench installation, sand bedding, class 2 backfill	1	lin.m.	\$ _____	\$ _____
B.3 Wastewater Service				
a. 100 mm				
i) Class 4 backfill, common trench	24	lin.m.	\$ _____	\$ _____
ii) Class 2 backfill, common trench	68	lin.m.	\$ _____	\$ _____
B.4 Fittings				
a. Tees				
i) 200 x 100 tee	11	unit	\$ _____	\$ _____
b. Transition Coupling				
i) 200 mm	1	unit	\$ _____	\$ _____
B.5 Connection to existing wastewater service				
a. to existing service at property line	11	unit	\$ _____	\$ _____
B.6 Manholes	11.5	vert.m.	\$ _____	\$ _____
B.7 Television inspection				
a. New pipe	130	lin.m.	\$ _____	\$ _____
B.8 Connect to existing lift station	1	each	\$ _____	\$ _____
Sub Total Section B				\$ _____

**SCHEDULE OF PRICES
PROJECT NO. MWSB 1414**

DESCRIPTION OF WORK	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	TOTAL
C. Cedar Avenue Watermain Renewal				
C.1 Watermain renewal (on-line)				
a. 250 mm				
i) common trench installation, sand bedding, class 2 backfill	135	lin. m.	\$ _____	\$ _____
b. 200 mm				
i) common trench installation, sand bedding, class 2 backfill	15	lin. m.	\$ _____	\$ _____
c. 150 mm				
i) common trench installation, sand bedding, class 2 backfill	105	lin. m.	\$ _____	\$ _____
C.2 Hydrant (offline)				
a. On a 250 mm watermain	2	each	\$ _____	\$ _____
b. On a 150 mm watermain	1	each	\$ _____	\$ _____
C.3 Valves				
a. 250 mm	1	each	\$ _____	\$ _____
b. 200 mm	1	each	\$ _____	\$ _____
c. 150 mm	1	each	\$ _____	\$ _____
C.4 Fittings				
a. Tees				
i. 250 mm x 250 mm x 250 mm	1	each	\$ _____	\$ _____
b. Plugs				
i. 150 mm	1	each	\$ _____	\$ _____
c. Reducers				
i. 250 mm x 150 mm	1	each	\$ _____	\$ _____
ii. 250 mm x 200 mm	1	each	\$ _____	\$ _____
C.5 Water Connections				
a. 25 mm				
i) open trench installation, sand bedding, class 2 backfill	150	lin.m.	\$ _____	\$ _____
ii) open trench installation, sand bedding, class 4 backfill	46	lin.m.	\$ _____	\$ _____
C.6 Corporation stop				
a. 25 mm	25	each	\$ _____	\$ _____



**SCHEDULE OF PRICES
PROJECT NO. MWSB 1414**

DESCRIPTION OF WORK	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	TOTAL
C.7 Curb stop and box				
a. 25 mm	25	each	\$ _____	\$ _____
C.8 Connecting to existing watermains				
a. 150 mm	1	each	\$ _____	\$ _____
C.9 Anodes	1	each	\$ _____	\$ _____
C.10 Reconnecting of existing water connections at property line	25	each	\$ _____	\$ _____
Sub Total Section C				\$ _____
D. Cedar Avenue Sewermain Renewal				
D.1 Wastewater sewer renewal - online				
a. 200 mm				
i) common trench installation, sand bedding, class 2 backfill	250	lin.m.	\$ _____	\$ _____
D.2 Wastewater Service				
a. 100 mm				
i) Class 4 backfill, common trench	46	lin.m.	\$ _____	\$ _____
ii) Class 2 backfill, common trench	155	lin.m.	\$ _____	\$ _____
D.3 Fittings				
a. Tees				
i) 200 x 100 tee	25	unit	\$ _____	\$ _____
D.4 Connection to existing wastewater service				
a. to existing service at property line	25	unit	\$ _____	\$ _____
D.5 Manholes	11.2	vert.m.	\$ _____	\$ _____
D.6 Television inspection				
a. New pipe	250	lin.m.	\$ _____	\$ _____
D.7 Connect to existing sewer	1	each	\$ _____	\$ _____
Sub Total Section D				\$ _____
E. Pine Street Watermain Renewal				
E.1 Watermain renewal (on-Line)				
a. 150 mm				
i) common trench installation, sand bedding, class 2 backfill	105	lin. m.	\$ _____	\$ _____



**SCHEDULE OF PRICES
PROJECT NO. MWSB 1414**

DESCRIPTION OF WORK	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	TOTAL
E.2 Hydrant (offline)				
a. On a 150 mm watermain	2	each	\$ _____	\$ _____
E.3 Valves				
a. 150 mm	1	each	\$ _____	\$ _____
E.4 Fittings				
a. Tees				
i. 150 mm x 150 mm x 100 mm	1	each	\$ _____	\$ _____
b. Bends				
i. 150 mm	2	each	\$ _____	\$ _____
c. Plugs				
i. 150 mm	1	each	\$ _____	\$ _____
E.5 Water Connections				
a. 25 mm				
i) open trench installation, sand bedding, class 2 backfill	45	lin.m.	\$ _____	\$ _____
ii) open trench installation, sand bedding, class 4 backfill	26	lin.m.	\$ _____	\$ _____
E.6 Corporation stop				
a. 25 mm	11	each	\$ _____	\$ _____
E.7 Curb stop and box				
a. 25 mm	11	each	\$ _____	\$ _____
E.8 Connecting to existing watermains				
a. 150 mm	2	each	\$ _____	\$ _____
E.9 Anodes	2	each	\$ _____	\$ _____
E.10 Reconnecting of Existing Water Connections at property line	11	each	\$ _____	\$ _____
Sub Total Section E				\$ _____
F. Pine Street Sewermain Renewal				
F.1 Wastewater sewer Renewal - online				
a. 200 mm				
i) common trench installation, sand bedding, class 2 backfill	105	lin.m.	\$ _____	\$ _____



**SCHEDULE OF PRICES
PROJECT NO. MWSB 1414**

DESCRIPTION OF WORK	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	TOTAL
F.2 Wastewater Service				
a. 100 mm				
i) Class 4 backfill, common trench	24	lin.m.	\$ _____	\$ _____
ii) Class 2 backfill, common trench	45	lin.m.	\$ _____	\$ _____
F.3 Fittings				
a. Tees				
i) 200 x 100	11	unit	\$ _____	\$ _____
F.4 Connection to existing wastewater service				
a. to Existing service at property line	11	unit	\$ _____	\$ _____
F.5 Manholes	7.5	vert.m.	\$ _____	\$ _____
F.6 Television inspection				
a. New pipe	105	lin.m.	\$ _____	\$ _____
F.7 Connect sewer to new manhole	2	each	\$ _____	\$ _____
Sub Total Section F				\$ _____
G. PROVISIONAL ISOLATED VALVE INSTALLATIONS				
G.1 Valves				
a) Joseph H. Kerr School Parking Lot				
i) 200 mm	1	each	\$ _____	\$ _____
b) Pipeline Trail (50 m east Balsam Street)				
i) 200 mm	1	each	\$ _____	\$ _____
c) Crystal Street at McGilvray Avenue				
i) 200 mm	2	each	\$ _____	\$ _____
d) Copper Street at McGilvray Avenue				
i) 150 mm	1	each	\$ _____	\$ _____
e) Jasper Avenue at Copper Road				
i) 150 mm	1	each	\$ _____	\$ _____
f) Gowans Avenue at Crystal Street				
i) 200 mm	1	each	\$ _____	\$ _____
Sub Total Section G				\$ _____
EXTRA WORK ALLOWANCE				\$150,000.00



SCHEDULE OF PRICES
PROJECT NO. MWSB 1414

DESCRIPTION OF WORK	ESTIMATED QUANTITIES	UNIT	UNIT PRICE	TOTAL
SUMMARY				
A. Lake Shore Drive Watermain Renewal				\$ _____
B. Lake Shore Drive Sewermain Renewal				\$ _____
C. Cedar Avenue Watermain Renewal				\$ _____
D. Cedar Avenue Sewermain Renewal				\$ _____
E. Pine Street Watermain Renewal				\$ _____
F. Pine Street Sewermain Renewal				\$ _____
G. Provisional Isolated Valve Installations				\$ _____
Subtotal				\$ _____
*PST must be included in unit prices.			Goods & Services Tax (5% of Subtotal)	\$ _____
			TOTAL TENDER PRICE	\$ _____

Name of Bidder