



**SEWER JUNCTION INFORMATION**

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40012473	3.60	150Ø	10
MH40012473	6.10	150Ø	03
MH40012473	14.10	150Ø	03
MH40012473	23.20	150Ø	03
MH40012473	26.80	150Ø	09
MH40012473	47.90	150Ø	03
MH40012473	48.60	150Ø	02
MH40012473	56.80	150Ø	03
MH40012473	64.00	150Ø	01
MH40012473	69.50	150Ø	10

\*JUNCTION INFORMATION FROM VIDEO INSPECTION

**CONSTRUCTION NOTES:**

1. CONTRACTOR TO VERIFY LIMITS OF SEWER REPAIRS PRIOR TO EXCAVATION BY MEANS OF VIDEO INSPECTION.
2. CONTRACTOR TO PROVIDE VIDEO INSPECTION OF SEWER SERVICES WITHIN LIMITS OF REPAIR IN PRESENCE OF CONTRACT ADMINISTRATOR TO DETERMINE IF SERVICE RENEWAL IS REQUIRED.
3. ALL BACKFILL TO BE CLASS 5 BACKFILL UNDER BOULEVARDS AND CLASS 3 UNDER OR WITHIN 1.0m OF PAVEMENT AND SIDEWALKS.

BID OPPORTUNITY NO. 901-2010

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**AECOM**  
Certificate of Authorization  
AECOM Canada Ltd.  
No. 4671 Date: 11/02/10



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DESIGNED BY	ALD	CHECKED BY	PL
DRAWN BY	KMB	APPROVED BY	<i>[Signature]</i>
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	<i>[Signature]</i>
VERT. SCALE	N/A	DATE	11/02/10
DATE	11/02/10	DATE	Feb 10/11

PROFESSIONAL'S SEAL  
PROVINCE OF MANITOBA  
*[Signature]*  
K.W.  
FITCHETT  
REGISTERED PROFESSIONAL ENGINEER  
CONSULTANT DRAWING NO.  
60164626-01-C-140-ROX.dwg



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

**2010 WASTEWATER SEWER  
RENEWALS AND REPAIRS  
CONTRACT 16**

YALE AVENUE EAST  
55m E OF KANATA STREET  
TO WABASHA STREET

SHEET 40 OF 45

CITY DRAWING NUMBER

9472

REV 0

**LOCATION APPROVED  
UNDERGROUND STRUCTURES**

SUPR. U/G 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 30-050 ELEV 233.090m	S.E. Cor. Kildare Ave. E. & Wabasha St., Tblt. on top of 0.05 m sq. x 2.4 m iron tube, 9.2 m N. of S.L. Kildare Ave. E. & 2.1 m W. of E.L. Wabasha St.
0	ISSUED FOR CONSTRUCTION 11/02/09 KMB
NO.	REVISIONS YY/MM/DD BY