



SEWER JUNCTION INFORMATION

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40012506	1.00	150Ø	12
MH40012506	14.90	150Ø	12
MH40012506	35.90	150Ø	12
MH40012506	46.80	150Ø	12
MH40012506	55.00	150Ø	10
MH40012506	57.70	150Ø	12
MH40012506	59.70	150Ø	02
MH40012506	66.20	150Ø	10
MH40012506	78.70	150Ø	11

*JUNCTION INFORMATION FROM VIDEO INSPECTION

CONSTRUCTION NOTES:

- CONTRACTOR TO VERIFY LIMITS OF SEWER REPAIRS PRIOR TO EXCAVATION BY MEANS OF VIDEO INSPECTION.
- CONTRACTOR TO PROVIDE VIDEO INSPECTION OF SEWER SERVICES WITHIN LIMITS OF REPAIR IN PRESENCE OF CONTRACT ADMINISTRATOR TO DETERMINE IF SERVICE RENEWAL IS REQUIRED.
- 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

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



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DESIGNED BY	ALD	CHECKED BY	RL
DRAWN BY	KMB	APPROVED BY	[Signature]
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	[Signature]
VERT. SCALE	N/A	DATE	Feb 10/11
NO. REVISIONS		DATE	11/02/10



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

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

**BOND STREET
RAVELSTON AVENUE WEST
TO ROSSEAU AVENUE WEST**

SHEET	5	OF	45
CITY DRAWING NUMBER	9437		
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.

B.M. 30-044	S.E. Cor. Ravelston Av. W. & Winona St. Tbit. on top of 0.05m sq. x 2.4 m iron tube, 6.2m N of N. wall & 14.8m W of W. main wall No. 510 Winona St. or 6.7m W of E.L. Winona St. & 5.4m N of S.L. Ravelston Av. W.
0	ISSUED FOR CONSTRUCTION 11/02/09 KMB
NO.	REVISIONS YY/MM/DD BY

AECOM REVIEW DRAFT CHK