



**SEWER JUNCTION INFORMATION**

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40012184	4.60	150Ø	03
MH40012184	15.50	150Ø	03
MH40012184	32.00	150Ø	03
MH40012184	35.10	150Ø	03
MH40012184	49.30	150Ø	03
MH40012184	65.10	150Ø	02
MH40012170	8.90	150Ø	10
MH40012170	12.30	150Ø	09
MH40012170	25.80	150Ø	10

\*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.

**BENCH MARK:**  
N.E. Cor. McMeans Ave. W. & Hoka St., Tbit. on top of 0.05 m sq. x 2.4 m iron tube, 19.4 m W. of W. wall No. 1506 Hoka St. & 30.1 m S. of S. rail of railway tracks in C.N.R. R.O.W., or 9.1 m W. of E.L. Hoka St. & 24.9 m N. of most Sly. S.L. of McMeans Ave. W.

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

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

BID OPPORTUNITY NO. 901-2010

**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	10-025	ELEV	232.483m
NO.	REVISIONS	YYMM/DD	BY
0	ISSUED FOR CONSTRUCTION	11/02/09	KMB

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

PROFESSIONAL'S SEAL

PROVINCE OF MANITOBA  
K.W.  
FITCHETT  
Feb 10/11  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.  
60164626-01-C-102-R0X.dwg

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

2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16

BERWYN BOULEVARD (N LEG)  
BERWYN BOULEVARD (W LEG)  
TO BERWYN BOULEVARD (E LEG)

SHEET 2 OF 45  
CITY DRAWING NUMBER  
**9434** REV 0

AECOM REVIEW DRAFT CHK