



**SEWER JUNCTION INFORMATION**

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
S-MH40010802	1.30	100Ø	10
S-MH40010802	4.80	100Ø	10
S-MH40010802	9.70	100Ø	10
S-MH40010802	18.30	100Ø	10
S-MH40010802	22.10	100Ø	02
S-MH40010802	31.40	100Ø	10
S-MH40010802	37.00	100Ø	02
S-MH40010802	41.40	100Ø	10
S-MH40010802	48.00	100Ø	02
S-MH40010802	55.20	100Ø	10
S-MH40010802	60.80	100Ø	02

\*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.

BENCH MARK:  
87R460 - S. side Pandora Ave. W. Btw'n. Moroz St. & Bismarck St., Tblt. on top of 0.05 m sq. x 2.4 m iron tube, 7.8 m S. of C.L. Conc. Pav't. on Pandora Ave. W. & on line of W. wall No. 617 Pandora Ave. W. or 96.8 m W. of W.L. Bismarck St. & 23 m S. of N.L. Pandora Ave. W.

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

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

BID OPPORTUNITY NO. 901-2010

AECOM REVIEW DRAFT CHK

**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.

NO.	ISSUED FOR CONSTRUCTION	YY/MM/DD	BY
0	ISSUED FOR CONSTRUCTION	11/02/09	KMB

**AECOM**

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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

PROFESSIONAL'S SEAL  
PROVINCE OF MANITOBA  
*[Signature]*  
K.W.  
FICHERT  
REGISTERED PROFESSIONAL ENGINEER  
CONSULTANT DRAWING NO.  
60164626-01-C-113-R0X.dwg



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

**2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16**  
MELROSE AVENUE WEST  
BISMARCK STREET  
TO 127m W OF HOKA STREET

SHEET	13	OF	45
CITY DRAWING NUMBER	9445		
REV	0		