



FOR FURTHER INFO SEE DWG 9448

**SEWER JUNCTION INFORMATION**

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40010688	4.90	150Ø	02
MH40010688	12.90	150Ø	03
MH40010688	12.90	150Ø	10
MH40010688	28.80	150Ø	09
MH40010688	29.40	150Ø	02
MH40010701	18.60	150Ø	09
MH40010701	19.20	150Ø	02
MH40010701	36.90	150Ø	10
MH40010701	37.50	150Ø	02
MH40010701	49.70	150Ø	02
MH40010701	53.40	150Ø	10
MH40010701	55.90	150Ø	01
MH40010701	61.10	150Ø	02
MH40010701	61.60	150Ø	10

BENCH MARK:  
87R462 - S. side Pandora Ave. W. & Winona St., Tbit.  
on top of 0.05 m sq. x 2.4 m iron tube, 6.1 m E. of  
E. wall No. 301 Pandora Ave. W. & 5.7 m S. of C.L.  
Conc. Pav't. on Pandora Ave. W. or 4 m E. of W.L.  
Winona St. & 20.9 m S. of N.L. Pandora Ave. W.

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

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

- 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

<b>LOCATION APPROVED</b> UNDERGROUND STRUCTURES		BM 30-034 ELEV 232.912m
SUPR. U/G STRUCTURES	DATE	
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.		
0	ISSUED FOR CONSTRUCTION	11/02/09 KMB
NO.	REVISIONS	YY/MM/DD BY

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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]*  
**FICHELLT**  
REGISTERED PROFESSIONAL ENGINEER  
CONSULTANT DRAWING NO.  
60164626-01-C-117-R0X.dwg

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16  
MELROSE AVENUE WEST  
73m E OF BOND STREET  
TO DAY STREET

SHEET 17 OF 45  
CITY DRAWING NUMBER  
**9449**  
REV 0