



SEWER JUNCTION INFORMATION

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40010686	1.80	150Ø	09
MH40010686	11.60	150Ø	12
MH40010686	11.70	150Ø	09
MH40010686	21.80	150Ø	11
MH40010686	22.50	150Ø	09
MH40010686	27.20	150Ø	03
MH40010686	28.50	150Ø	01
MH40010686	41.90	150Ø	09

*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:
 67R462 - S. side Pandora Ave. W. & Winona St., Tbt.
 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

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

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DESIGNED BY	ALD	CHECKED BY	DL
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
 REGISTERED PROFESSIONAL ENGINEER
 CONSULTANT DRAWING NO. 60164626-01-C-115-R0X.dwg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16

MELROSE AVENUE WEST
 80m E OF WINONA STREET
 TO BOND STREET

SHEET 15 OF 45
 CITY DRAWING NUMBER 9447
 REV 0