



FOR FURTHER INFO
SEE DWG 9437

MH40012460
RIM EL 32.92
200 E INV 29.458
200 W INV 29.458
200 N INV 29.458
200 S INV 29.458

**3.50 OF 250 SDR 35 PVC SEWER REPAIR (SD-022B)
INCLUDING 2 SEWER SERVICE RECONNECTIONS**

MH40012506
RIM EL 33.26
200 N INV 29.200
200 S INV 29.150
200 E INV 29.150
200 W INV 29.150

SEWER JUNCTION INFORMATION

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40012460	13.80	150Ø	12
MH40012460	14.60	150Ø	01
MH40012460	21.50	150Ø	11
MH40012460	32.90	150Ø	12
MH40012460	44.00	150Ø	12
MH40012460	55.70	150Ø	01
MH40012460	56.30	150Ø	11
MH40012460	65.80	150Ø	01
MH40012460	66.40	150Ø	09
MH40012460	77.00	150Ø	10
MH40012460	77.60	150Ø	12

*JUNCTION INFORMATION FROM VIDEO INSPECTION

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

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.

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.

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

AECOM

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
K.W.
FITCHETT
REGISTERED PROFESSIONAL ENGINEER
DATE: Feb 10/11

CONSULTANT DRAWING NO.
60164626-01-C-104-R0X.dwg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16

BOND STREET
YALE AVENUE WEST
TO RAVELSTON AVENUE WEST

SHEET 4 OF 45
CITY DRAWING NUMBER
9436
REV 0