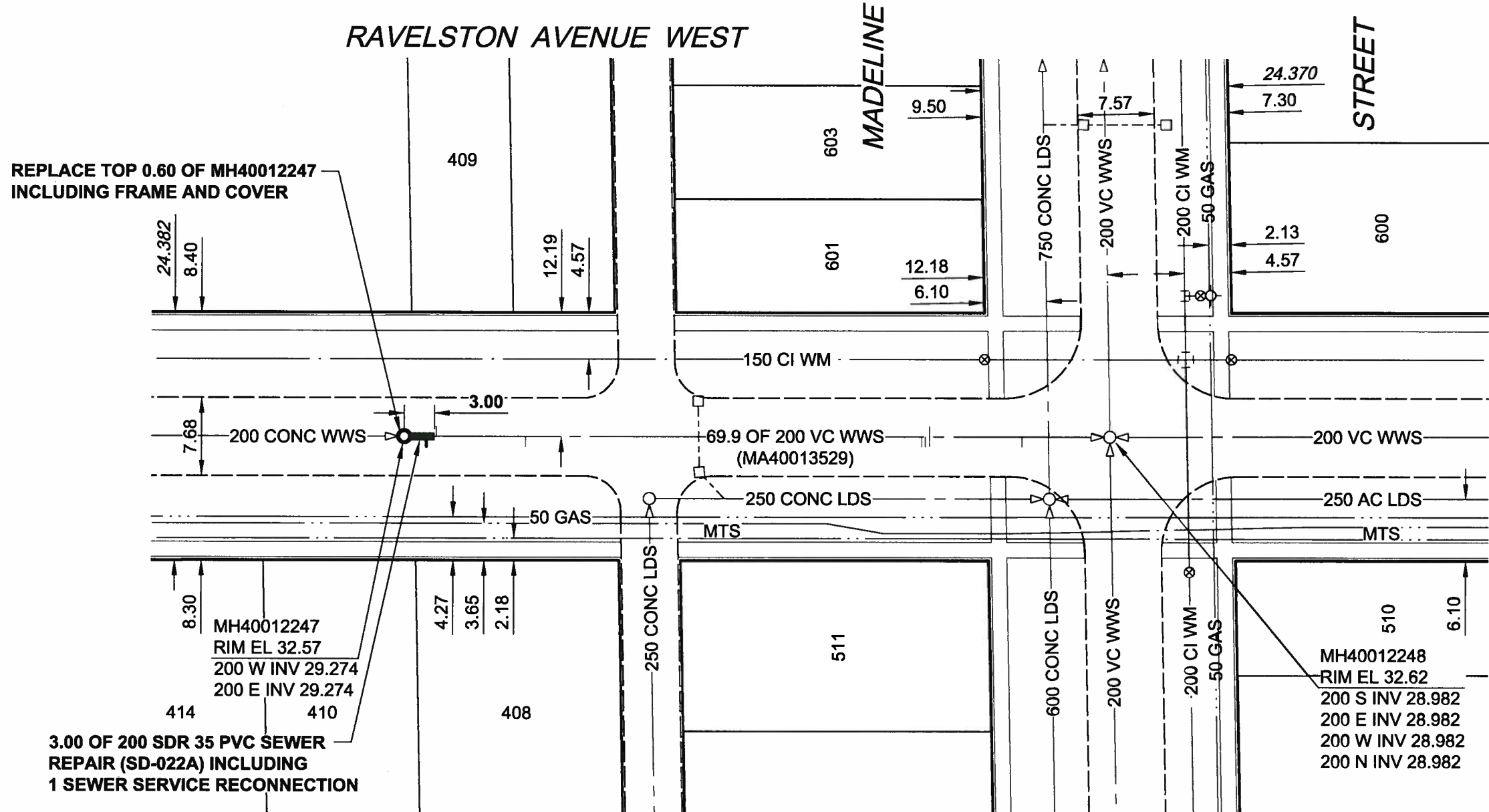


B SIZE 11" x 17" (279mm x 432mm)

PLOT: 2/9/2011 8:09:56 AM

FILE NAME: 60164626-01-C-124-R0X.dwg Saved By: berardk



FOR FURTHER INFO SEE DWG 9457

### SEWER JUNCTION INFORMATION

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40012247	2.20	150Ø	02
MH40012247	3.20	150Ø	10
MH40012247	12.00	150Ø	02
MH40012247	51.40	150Ø	02
MH40012247	51.60	150Ø	02
MH40012247	52.00	100Ø	02
MH40012247	52.00	150Ø	10
MH40012247	51.10	150Ø	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.

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

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

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.

B.M.	ELEV.	DESCRIPTION	NO.	ISSUED FOR CONSTRUCTION	DATE	BY
30-046	232.279m	87R497 - S.E. Cor. Ravelston Ave. W. & Hoka St. Tbit. on top of 0.05 m sq. x 2.4 m iron tube, 4.7 m N. of S.L. Ravelston Ave. W. & 4.9 m W. of E.L. Hoka St.	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  
*[Signature]*  
K.W.  
FITCHETT  
REGISTERED PROFESSIONAL ENGINEER  
CONSULTANT DRAWING NO.  
60164626-01-C-124-R0X.dwg

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

**2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16**

**RAVELSTON AVENUE WEST**  
191m E OF HOKA STREET  
TO MADELINE STREET

SHEET 24 OF 45	REV 0
CITY DRAWING NUMBER	<b>9456</b>

AECOM REVIEW DRAFT CHK