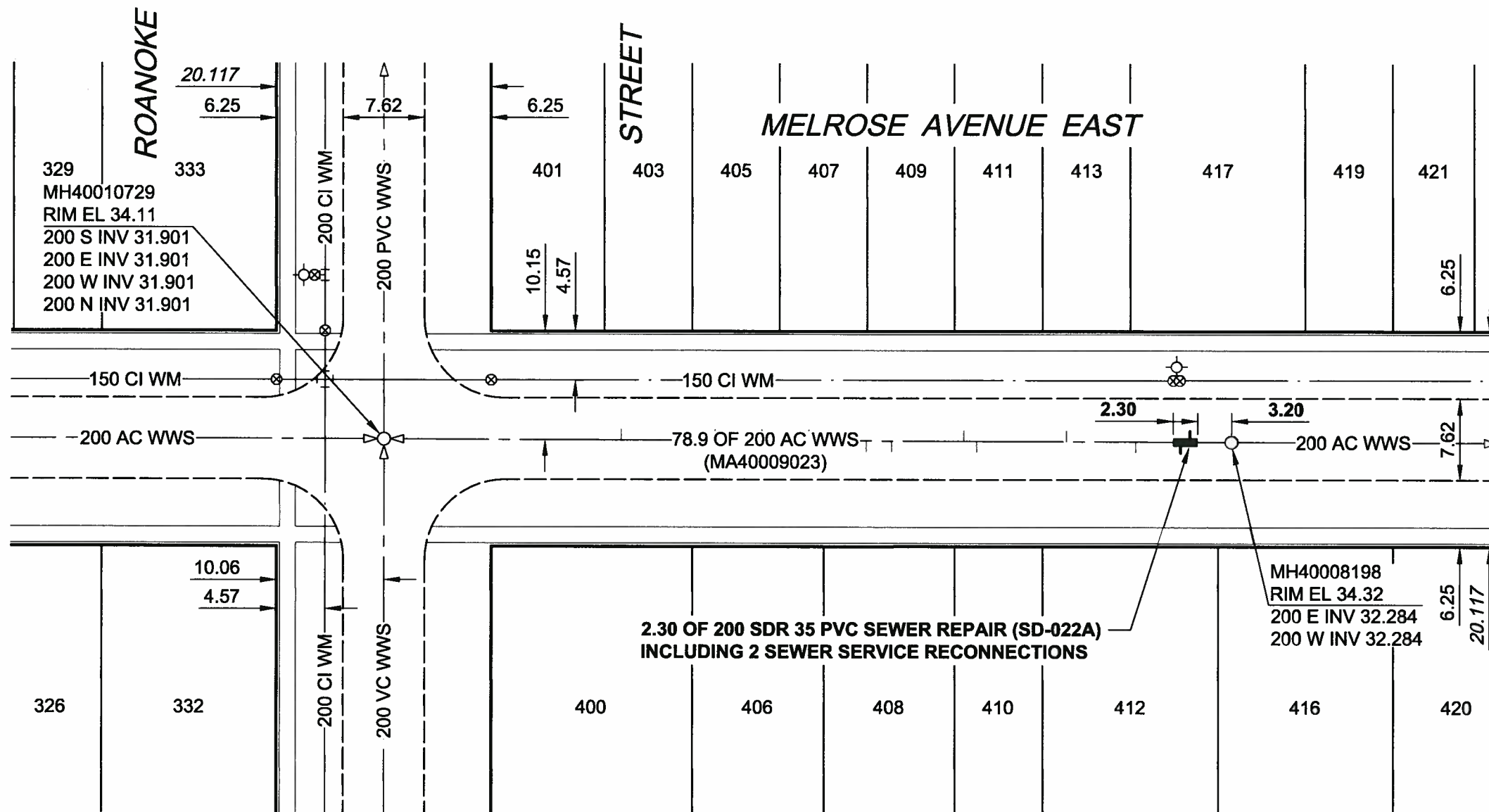


B SIZE 11" x 17" (279mm x 432mm)

PLOT: 2/8/2011 7:31:27 PM

FILE NAME: 60164626-01-C-119-ROX.dwg Saved By: berardk



SEWER JUNCTION INFORMATION

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40008198	3.90	150Ø	03
MH40008198	4.80	150Ø	10
MH40008198	9.00	200Ø	09
MH40008198	15.50	150Ø	02
MH40008198	23.90	150Ø	10
MH40008198	25.10	150Ø	02
MH40008198	31.90	150Ø	09
MH40008198	34.30	150Ø	10
MH40008198	39.70	150Ø	02
MH40008198	43.70	150Ø	10
MH40008198	44.10	200Ø	02
MH40008198	48.50	150Ø	02
MH40008198	57.30	150Ø	02

*JUNCTION INFORMATION FROM VIDEO INSPECTION

BENCH MARK:
 87R463 - S. side Pandora Ave. E. @ Wabasha St.,
 Tblt. on top of 0.05 m sq. x 2.4 m iron tube, 10.2 m
 W. of W. wall No. 301 Pandora Ave. E. & 8.3 m S. of
 C.L. Conc. Pavt. on Pandora Ave. E. or 23.2 m S. of
 N.L. Pandora Ave. E. & 10 m W. of E.L. Wabasha St.

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

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

- 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.

BID OPPORTUNITY NO. 901-2010

LOCATION APPROVED UNDERGROUND STRUCTURES		BM 30-035 ELEV 233.496m
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	[Signature]
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	[Signature]
VERT. SCALE	N/A	DATE	Feb 10/11
DATE	11/02/10		

PROFESSIONAL'S SEAL
 PROVINCE OF MANITOBA
 R.W. K.W.
FITCHETT
 REGISTERED PROFESSIONAL ENGINEER
 CONSULTANT DRAWING NO.
 60164626-01-C-119-ROX.dwg

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
 2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16
 MELROSE AVENUE EAST
 ROANOKE STREET
 TO 50m W OF LEOLA STREET

SHEET 19 OF 45	REV 0
CITY DRAWING NUMBER	9451