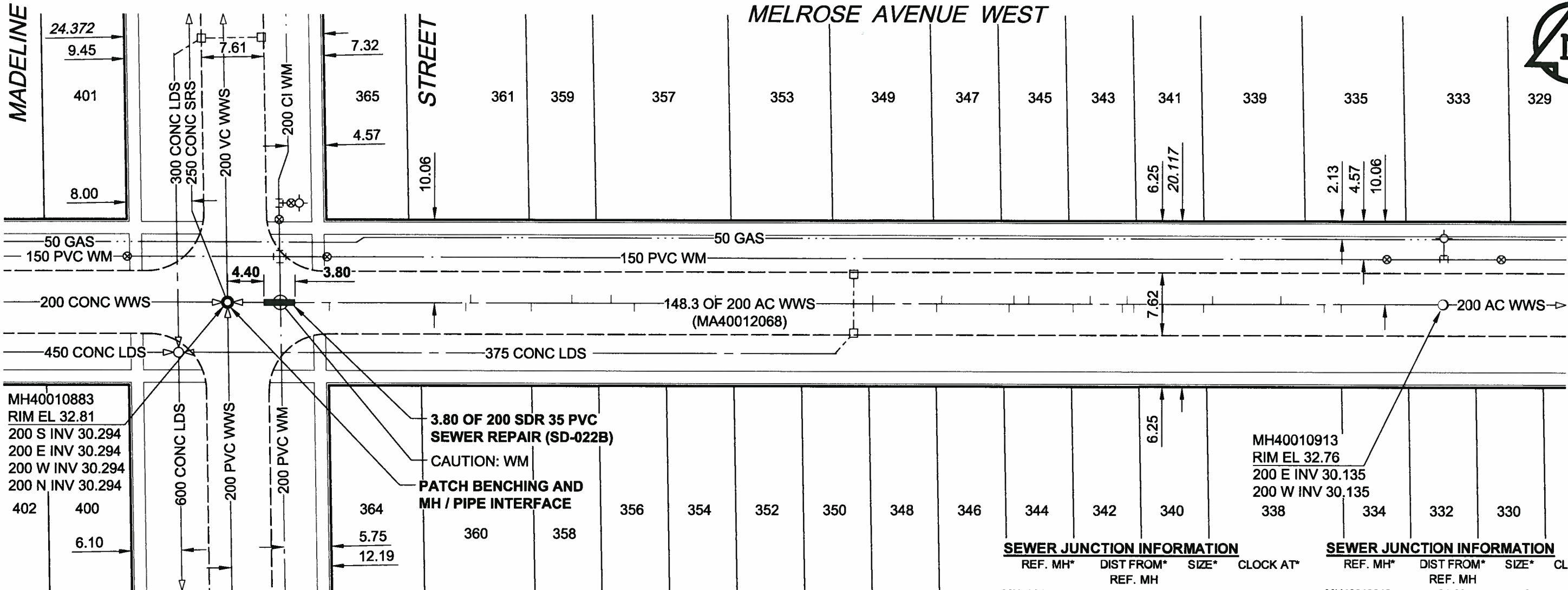


B SIZE 11" x 17" (279mm x 432mm)

PLOT: 2/19/2011 2:12:21 PM

FILE NAME: 60164626-01-C-114-R0X.dwg Saved By: benardk



SEWER JUNCTION INFORMATION

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40010913	12.50	150Ø	10
MH40010913	14.60	150Ø	10
MH40010913	19.90	150Ø	03
MH40010913	28.20	150Ø	03
MH40010913	29.30	150Ø	10
MH40010913	34.20	150Ø	10
MH40010913	37.80	150Ø	09
MH40010913	38.60	150Ø	03
MH40010913	39.20	150Ø	10
MH40010913	43.10	150Ø	03
MH40010913	45.20	150Ø	10
MH40010913	50.60	150Ø	03
MH40010913	52.40	150Ø	03
MH40010913	53.00	150Ø	10

SEWER JUNCTION INFORMATION

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40010913	61.20	150Ø	03
MH40010913	61.80	150Ø	10
MH40010913	69.60	150Ø	02
MH40010913	69.60	150Ø	10
MH40010913	78.50	150Ø	10
MH40010913	88.80	150Ø	01
MH40010913	90.80	150Ø	10
MH40010913	98.70	150Ø	10
MH40010913	101.50	150Ø	02
MH40010883	12.40	150Ø	02
MH40010883	29.00	150Ø	03
MH40010883	29.60	150Ø	10
MH40010883	37.00	150Ø	02
MH40010883	42.00	150Ø	09

*JUNCTION INFORMATION FROM VIDEO INSPECTION

*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.

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

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

BENCH MARK:
87R462 - 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.

BID OPPORTUNITY NO. 901-2010

AECOM REVIEW	LOCATION APPROVED UNDERGROUND STRUCTURES		BM 30-034 ELEV 232.912m	
	SUPR. U/G STRUCTURES COMMITTEE	DATE		
DRAFT CHK	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.			
	NO.	ISSUED FOR CONSTRUCTION	11/02/09	KMB
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	11/02/10

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
K.W.
FICHELLT
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT DRAWING NO.
60164626-01-C-114-R0X.dwg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16
MELROSE AVENUE WEST
MADELINE STREET
TO 123m W OF WINONA STREET

SHEET 14 OF 45
CITY DRAWING NUMBER
9446
REV 0