



FOR FURTHER INFO
SEE DWG 9447

FOR FURTHER INFO
SEE DWG 9449

FOR FURTHER INFO
SEE DWG 9435

MH40010687
RIM EL 32.87
200 E INV 30.411
200 S INV 30.211
200 W INV 30.211
200 N INV 30.211

2.70 OF 200 SDR 35 PVC SEWER REPAIR
(SD-022A) INCLUDING 1 SEWER SERVICE
RECONNECTION

MH40010688
RIM EL 33.18
200 E INV 31.212
200 W INV 31.182

SEWER JUNCTION INFORMATION

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40010688	15.30	150Ø	01
MH40010688	15.70	150Ø	02
MH40010688	22.30	150Ø	09
MH40010688	23.20	150Ø	02
MH40010688	32.10	150Ø	02
MH40010688	33.70	150Ø	09
MH40010688	47.70	150Ø	10
MH40010688	48.90	150Ø	03
MH40010688	56.60	150Ø	02
MH40010687	19.00	150Ø	03
MH40010687	26.90	150Ø	10
MH40010687	27.30	150Ø	02
MH40010687	29.00	150Ø	10
MH40010687	50.40	150Ø	03

- 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:
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.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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

*JUNCTION INFORMATION FROM VIDEO INSPECTION

BID OPPORTUNITY NO. 901-2010

AECOM REVIEW	DRAFT CHK	LOCATION APPROVED UNDERGROUND STRUCTURES	
		SUPR. U/G STRUCTURES COMMITTEE	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

AECOM

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DESIGNED BY	ALD	CHECKED BY	<i>RL</i>
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
Feb 10/11
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
60164626-01-C-116-R0X.dwg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16

MELROSE AVENUE WEST
BOND STREET
TO 60m W OF DAY STREET

SHEET 16 OF 45
CITY DRAWING NUMBER
9448
REV 0