



FOR FURTHER INFO
SEE DWG LD-

**2.50 OF 200 SDR 35 PVC SEWER
REPAIR (SD-022A) INCLUDING
1 SEWER SERVICE RECONNECTION
AND CB LEAD REPAIR**

PATCH BOTTOM 0.30 OF MH RISER

SEWER JUNCTION INFORMATION

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40012395	13.90	150Ø	12
MH40012395	22.10	150Ø	12
MH40012395	28.50	150Ø	10
MH40012395	33.00	150Ø	12
MH40012395	43.80	150Ø	12
MH40012395	54.80	150Ø	02
MH40012395	55.10	150Ø	09
MH40012395	55.70	150Ø	12
MH40012395	66.60	150Ø	12
MH40012395	77.90	150Ø	12

*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.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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

BID OPPORTUNITY NO. 901-2010

AECOM REVIEW DRFT 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.

BM 30-049 ELEV 232.802m	87R489 - S.E. Cor. Kildare Ave. W. & Winona St. Tbit. on top of 0.05 m sq. x 2.4 m iron tube, 8.4 m N. of S.L. Kildare Ave. W. & 6.2 m W. of E.L. Winona St.		
0	ISSUED FOR CONSTRUCTION	11/02/09	KMB
NO.	REVISIONS	YY/MM/DD	BY

AECOM

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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.
FITCHETT
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
60164626-01-C-137-R0X.dwg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16

WINONA STREET
HARVARD AVENUE WEST
TO WHITTIER AVENUE WEST

SHEET 37 OF 45
CITY DRAWING NUMBER
9469

REV 0