



SEWER JUNCTION INFORMATION

REF. MH*	DIST FROM* REF. MH	SIZE*	CLOCK AT*
MH40012046	11.50	100Ø	10
MH40012046	13.40	100Ø	02
MH40012046	19.90	100Ø	10
MH40012055	8.50	100Ø	02
MH40012055	17.20	100Ø	10
MH40012055	26.30	100Ø	10
MH40012055	28.10	100Ø	02
MH40012055	44.50	100Ø	10

*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.

BENCH MARK:
87R498 - N.W. Cor. Ravelston Ave. W. & Brewster St.,
Tilt. on top of 0.05 m sq. x 2.4 m iron tube, 16.3 m
S. of most Sly. wall & 2.7 m E. of E. wall No. 701
Ravelston Ave. W. or 17.1 m N. of S.L. Ravelston
Ave. W. & on W.L. of Brewster St. produced from the

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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

BID OPPORTUNITY NO. 901-2010

AECOM REVIEW	DRAFT CHK	LOCATION APPROVED UNDERGROUND STRUCTURES	
		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.	
NO.	REVISIONS	YY/MM/DD	BY
0	ISSUED FOR CONSTRUCTION	11/02/09	KMB

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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-133-R0X.dwg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16
VIRDEN CRESCENT (N LEG)
59m E OF VIRDEN CRESCENT (W LEG)
TO CLOVERDALE CRESCENT (E LEG)

SHEET 33 OF 45
CITY DRAWING NUMBER
9465 REV 0