



SEWER JUNCTION INFORMATION

| REF. MH* | DIST FROM* REF. MH | SIZE* | CLOCK AT* |
|------------|-----------------------|-------|-----------|
| MH40008193 | 2.40 | 150Ø | 09 |
| MH40008193 | 8.20 | 150Ø | 02 |
| MH40008193 | 12.50 | 150Ø | 09 |
| MH40008193 | 22.80 | 150Ø | 10 |
| MH40008193 | 26.60 | 150Ø | 02 |

*JUNCTION INFORMATION FROM VIDEO INSPECTION

PATCH BENCHING AND
MH / PIPE INTERFACES

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

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 DRAFT 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 30-053 ELEV 233.218m | N.W. Cor. Ravelston Ave. E., & Leola St., Tbit. on top of 0.05 m sq. x 2.4 m iron tube, 6.9 m S. of N.L. of Ravelston Ave. E. & 0.2 m W. of W.L. of Leola St. | | |
| 0 | ISSUED FOR CONSTRUCTION | 11/02/09 | KMB |
| NO. | REVISIONS | YYMM/DD | BY |

AECOM

This drawing has been prepared for the use of AECOM's client and may not be used, reproduced or relied upon by third parties, except as agreed by AECOM and its client, as required by law or for use by governmental reviewing agencies. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that modifies this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from stated dimensions.

| | | | |
|-------------|-------|---------------------------|--------------------|
| DESIGNED BY | ALD | CHECKED BY | PL |
| 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
[Signature]
K.W.
FITCHETT
Feb 10/11
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
60164626-01-C-130-R0X.dwg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16

REGENT AVENUE EAST
LEOLA STREET
TO 243m W OF WAYOTA STREET

SHEET 30 OF 45
CITY DRAWING NUMBER
9462 REV 0