



FOR FURTHER INFO
SEE DWG 9469

MH40012409
RIM EL 32.70
200 E INV 27.820
200 W INV 27.820
200 S INV 27.820
200 N INV 27.820
808 810

3.00 OF 200 SDR 35 PVC
SEWER REPAIR (SD-022A)

MH40012410
RIM EL 32.94
200 S INV 26.583
200 N INV 26.583
200 E INV 26.583
200 W INV 26.583
233 229

SEWER JUNCTION INFORMATION

| REF. MH* | DIST FROM* REF. MH | SIZE* | CLOCK AT* |
|------------|-----------------------|-------|-----------|
| MH40012409 | 15.30 | 150Ø | 11 |
| MH40012409 | 22.80 | 150Ø | 12 |
| MH40012409 | 33.70 | 150Ø | 12 |
| MH40012409 | 44.60 | 150Ø | 12 |
| MH40012409 | 50.50 | 150Ø | 11 |
| MH40012409 | 55.50 | 150Ø | 12 |
| MH40012409 | 66.40 | 150Ø | 12 |
| MH40012409 | 77.50 | 150Ø | 01 |
| MH40012409 | 81.90 | 150Ø | 12 |

*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.

BID OPPORTUNITY NO. 901-2010

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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

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.

| | | | |
|----------------------------|--|----------|-----|
| 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 |

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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-138-RDX.dwg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 WASTEWATER SEWER RENEWALS AND REPAIRS
CONTRACT 16

WINONA STREET
WHITTIER AVENUE WEST
TO KILDARE AVENUE WEST

SHEET 38 OF 45
CITY DRAWING NUMBER
9470

REV 0