



FOR FURTHER INFO
SEE DWG 9439

MH40012531
RIM EL 33.24
200 E INV 28.881
200 W INV 28.881
250 S INV 28.881
250 N INV 28.881

2.80 OF 250 SDR 35 PVC SEWER REPAIR (SD-022A) INCLUDING 1 SEWER SERVICE RECONNECTION

MH40012552
RIM EL 33.50
200 E INV 28.546
200 W INV 28.546
250 S INV 28.546
250 N INV 28.546

SEWER JUNCTION INFORMATION

| REF. MH* | DIST FROM* REF. MH | SIZE* | CLOCK AT* |
|------------|-----------------------|-------|-----------|
| MH40012531 | 1.80 | 150Ø | 12 |
| MH40012531 | 24.10 | 150Ø | 12 |
| MH40012531 | 35.10 | 150Ø | 12 |
| MH40012531 | 46.10 | 150Ø | 12 |
| MH40012531 | 53.70 | 150Ø | 12 |
| MH40012531 | 57.10 | 150Ø | 12 |
| MH40012531 | 67.20 | 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.

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

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
K.W.
FITCHETT
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
2010 WASTEWATER SEWER RENEWALS AND REPAIRS CONTRACT 16
DAY STREET
RAVELSTON AVENUE WEST TO ROSSEAU AVENUE WEST

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.

| 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 |

AECOM REVIEW DRAFT CHK