



| ADDRESS AND SERVICE           | SIZE (mm) & TYPE (STREET) | STOP COCK SHORT & LONG MEASUREMENT (m)  | CORPORATION LOCATION |
|-------------------------------|---------------------------|---|----------------------|
| 111 SADLER AVENUE RESIDENTIAL | 13 COPPER                 | 2.19 LRHL<br>68.94 WWL OF ST. GEORGE RD | N/A                  |
| 115 SADLER AVENUE RESIDENTIAL | 19 COPPER                 | 2.79 LRHL<br>44.05 WWL OF ST. GEORGE RD | N/A                  |
| 116 SADLER AVENUE RESIDENTIAL | 19 COPPER                 | 0.53 RLHL<br>69.62 WWL OF ST. GEORGE RD | N/A                  |
| 117 SADLER AVENUE RESIDENTIAL | 19 COPPER                 | 1.24 RLHL<br>33.29 WWL OF ST. GEORGE RD | N/A                  |
| 118 SADLER AVENUE RESIDENTIAL | 19 COPPER                 | 1.63 RLHL<br>53.77 WWL OF ST. GEORGE RD | N/A                  |
| 119 SADLER AVENUE RESIDENTIAL | 13 COPPER                 | 2.87 RLHL<br>20.67 WWL OF ST. GEORGE RD | N/A                  |
| 120 SADLER AVENUE RESIDENTIAL | 19 COPPER                 | 0.46 RLHL<br>40.85 WWL OF ST. GEORGE RD | N/A                  |
| 121 SADLER AVENUE RESIDENTIAL | 13 COPPER                 | 5.49 WWL OF ST. GEORGE RD               | N/A                  |
| 122 SADLER AVENUE RESIDENTIAL | 19 COPPER                 | 0.52 RLHL<br>24.90 WWL OF ST. GEORGE RD | N/A                  |
| 124 SADLER AVENUE RESIDENTIAL | N/A                       | 3.38 RLHL<br>10.80 WWL OF ST. GEORGE RD | N/A                  |

- CONSTRUCTION NOTES:
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
  2. CONFIRM LOCATION OF ALL SERVICES IN THE FIELD.
  3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
  4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
  5. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
  6. MINIMUM COVER SHALL BE 2.4m.
  7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO PL.
  8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

**APEGM**  
Certificate of Authorization  
Stantec Consulting Ltd.  
No. 1301 Expiry: April 30, 2006

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**WARNING**  
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:  
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.  
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.  
SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

Bench Mark N.E. Cor. Sadler Ave. & St. George Rd. Tblt. on top of 0.05 m dia. x 2.4 m iron pipe, 3 m S. of N.L. of Sadler Ave. & on E.L. of St. George Rd. produced from the M.

| 150 WM   | WATERMAIN           | 150 WM   | HYDRO         | 150 WM         | WATERMAIN            | 150 WM   |
|----------|---------------------|----------|---------------|----------------|----------------------|----------|
| +        | HYDRANT             | +        | M.T.S.        | +              | HYDRANT, VALVE       | +        |
| ○        | VALVE               | ○        | CONCRETE      | ○              | LAND DRAINAGE SEWER  | ○        |
| 300 LDS  | LAND DRAINAGE SEWER | 300 LDS  | ASPHALT       | 250 WWS        | WASTE WATER SEWER    | 250 WWS  |
| 250 WWS  | WASTE WATER SEWER   | 250 WWS  | SIDEWALK      | -X-            | EX. GROUND PROFILE   | -X-      |
| ○        | MANHOLE             | ○        | PROPERTY LINE | ○              | NORTH OR WEST GUTTER | ○        |
| □        | CATCH BASIN         | □        | SURVEY BAR    | ○              | SOUTH OR EAST GUTTER | ○        |
| ▽        | CURB INLET          | ▽        | DITCH         | ○              | NORTH OR WEST P      | ○        |
| +        | JUNCTIONS           | +        | ELEVATION     | ○              | SOUTH OR EAST P      | ○        |
| ○        | SIGN                | ○        | CURB STOP     | △              | NORTH OR WEST DITCH  | △        |
| ○        | GAS                 | ○        | ANODE         | ▽              | SOUTH OR EAST DITCH  | ▽        |
| EXISTING | LEGEND-PLAN         | PROPOSED | EXISTING      | LEGEND-PLAN    | PROPOSED             | EXISTING |
| EXISTING | LEGEND-PROFILE      | PROPOSED | EXISTING      | LEGEND-PROFILE | PROPOSED             | EXISTING |

**LOCATION APPROVED UNDERGROUND STRUCTURES**

SUPV. 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.

| NO. | REVISIONS         | DATE     | BY     |
|-----|-------------------|----------|--------|
| 1.  | ISSUED FOR TENDER | 05.06.23 | C.L.D. |

**Stantec Consulting Ltd.**  
905 Waverley Street, Winnipeg, Manitoba  
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY J.H. CHECKED BY C.L.D.  
DRAWN BY K.R. APPROVED BY C.L.D.

HOR. SCALE: 1:250  
VERTICAL: 1:50

RELEASED FOR CONSTRUCTION:  
K. ZUREK P. ENG.  
DATE 06.23.05

DATE MAY, 2005

ENGINEER'S SEAL

ORIGINAL SEALED BY  
C.L. DYCK  
P. ENG.  
06/23/05

CONSULTANT DRAWING NO.  
CW-55-614

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

2005 WATERMAIN RENEWALS  
SADLER AVENUE

ST. DAVID STREET TO ST. GEORGE ROAD  
STA. 1+90 TO STA. 2+91

SHEET 10 OF 15  
CAD FILE DRAWING NUMBER  
11208260-C105.dwg  
CITY DRAWING NUMBER  
D-8788

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