



WATER SERVICE INFORMATION

| ADDRESS                       | SIZE(mm) & TYPE | SIZE(mm) & TYPE | SHORT & LONG MEASUREMENT | CORP LOCATION |
|-------------------------------|-----------------|-----------------|--------------------------|---------------|
| 820 KERNAGHAN AVE RESIDENTIAL | 19 COPPER       | 19 COPPER       | 0.9 W OF E HL            |               |
| 819 KERNAGHAN AVE RESIDENTIAL | 19 COPPER       | 19 COPPER       | 4.9 W OF E HL            |               |
| 816 KERNAGHAN AVE RESIDENTIAL | 19 COPPER       | 19 COPPER       | 1.8 W OF E HL            |               |
| 815 KERNAGHAN AVE RESIDENTIAL | 19 COPPER       | 19 COPPER       | 5.2 W OF E HL            |               |
| 812 KERNAGHAN AVE RESIDENTIAL | 19 COPPER       | 19 COPPER       | 2.0 W OF E HL            |               |

| ADDRESS                       | SIZE(mm) & TYPE | SIZE(mm) & TYPE | SHORT & LONG MEASUREMENT  | CORP LOCATION |
|-------------------------------|-----------------|-----------------|---------------------------|---------------|
| 811 KERNAGHAN AVE RESIDENTIAL | 19 COPPER       | 19 COPPER       | 4.3 E OF W HL             |               |
| 807 KERNAGHAN AVE RESIDENTIAL | 19 COPPER       | 19 COPPER       | 3.5 E OF W HL             |               |
| 803 KERNAGHAN AVE RESIDENTIAL | 19 COPPER       | 19 COPPER       | 4.1 E OF W HL             |               |
| 1222 PLESSIS RD RESIDENTIAL   | 25 COPPER       | 25 COPPER       | 10.1 N OF S LINE OF BLDG. |               |
| 1232 PLESSIS RD RESIDENTIAL   | 19 COPPER       | 19 COPPER       | 4.1 E OF W HL             |               |

- NOTES:**
- ALL GATE VALVES ARE TO BE COUNTER-CLOCKWISE TO OPEN WITH A BLACK OPERATING NUT.
  - WATERMAIN TO BE INSTALLED BY TRENCHLESS METHODS.
  - BACKFILL IS CLASS 5 WITHIN BOULEVARD AND CLASS 3 WHEN WITHIN PAVEMENT/SIDEWALK OR WHEN WITHIN 1.0m OF PAVEMENT OR SIDEWALK.
  - WATER SERVICES ARE 19mm UNLESS OTHERWISE NOTED.
  - MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4m.
  - LOCATION OF ALL SERVICES TO BE CONFIRMED IN FIELD.
  - EXPOSE EXISTING WATERMAIN TO CONFIRM DEPTH PRIOR TO CONSTRUCTION.
  - ALL LEAD SERVICES TO BE RENEWED.
  - SERVICES TO BE RENEWED SHALL BE REPLACED FROM WATERMAIN TO PROPERTY LINE. ALL OTHERS TO BE RECONNECTED.

METRIC  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**APEGM**  
Certificate of Authorization  
SEG Engineering Inc.  
No. 1432 Expiry: April 30, 2006

| EXISTING | LEGEND - PLAN       | PROPOSED | EXISTING | LEGEND - PLAN | PROPOSED | EXISTING | LEGEND - PROFILE    | PROPOSED |
|----------|---------------------|----------|----------|---------------|----------|----------|---------------------|----------|
| ---      | WATERMAIN           | ---      | ---      | HYDRO         | ---      | ---      | CENTER LINE         | ---      |
| ○        | HYDRANT             | ○        | ---      | M.T.S.        | ---      | ---      | NORTH GUTTER LINE   | ---      |
| ○        | VALVE               | ○        | ---      | CONCRETE      | ---      | ---      | SOUTH GUTTER LINE   | ---      |
| ---      | LAND DRAINAGE SEWER | ---      | ---      | ASPHALT       | ---      | ---      | WATERMAIN           | ---      |
| ---      | WASTE WATER SEWER   | ---      | ---      | PROPERTY LINE | ---      | ---      | VALVE               | ---      |
| ○        | MANHOLE             | ○        | ---      | SURVEY BAR    | ---      | ---      | LAND DRAINAGE SEWER | ---      |
| □        | CATCH BASIN         | □        | ---      | CURB STOP     | ---      | ---      | WASTE WATER SEWER   | ---      |
| △        | CURB INLET          | △        | ---      | C.B. LEAD     | ---      | ---      | JUNCTIONS           | ---      |
| ---      | TRAFFIC SIGNAL      | ---      | ---      | SIDEWALK      | ---      | ---      | CULVERT             | ---      |
| ---      | MTS                 | ---      | ---      | SIDEWALK RAMP | ---      | ---      | ANODE               | ---      |
| ---      | GAS                 | ---      | ---      | ELEVATIONS    | ---      | ---      | PLUG                | ---      |
| ---      |                     | ---      | ---      |               | ---      | ---      |                     | ---      |

**LOCATION APPROVED**  
UNDERGROUND STRUCTURES  
ORIGINALLY SIGNED BY  
D. A. Saedal JULY 19, 2005  
SUPV. 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.

B.M. ELEV. CWM: 30-003 234.065 m

**SEG ENGINEERING INC.**  
200 TACHE AVENUE  
WINNIPEG, MANITOBA  
(204)-233-2113

DESIGNED BY: DJ CHECKED BY: SM  
DRAWN BY: RH APPROVED BY: IMCK  
HOR. SCALE: 1:250  
VERT. SCALE: 1:50  
RELEASED FOR ORIGINAL CONSTRUCTION SIGNED BY: K. ZUREK P. ENG  
DATE: MAY 2005 DATE: APRIL 11, 2006

1 UPDATED FOR 269-2006 APR 06 DJ  
NO. REVISIONS DATE BY



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

**2006 CAPITAL WORKS**  
**WATERMAIN RENEWALS**  
**KERNAGHAN AVENUE**  
110m EAST OF ROBSON STREET  
TO PLESSIS ROAD

CITY DRAWING NO. SHEET 2 OF 2  
D-8818