

GAS

LEGEND - PLAN

FENCE

LEGEND - PLAN | PROPOSED | EXISTING | LEGEND - PROFILE | PROPOS

-×---×---

vertical scale: 1:50

DATE | BY | DATE 2006/04/12

02/05/2006 GSK

A ISSUED FOR REVIEW

NO. REVISIONS

## **CONSTRUCTION NOTES**

- 1. EXPOSE WATERMAIN CONNECTIONS AND CONFIRM
- INVERTS PRIOR TO CONSTRUCTION. 2. INSTALL WATERMAIN BY TRENCHLESS METHODS.
- 3. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS. 4. MINIMUM COVER TO TOP OF PROPOSED WATERMAIN
- SHALL BE 2.5m FROM STREET CENTERLINE. 5. INSTALL ALL HYDRANTS WITH FLANGE ELEVATION
- 50mm— 150mm ABOVE FINISHED GRADE. 6. REPLACE ALL EXISTING LEAD SERVICES FROM THE
- PROPOSED WATERMAIN TO PROPERTY LINE. 7. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS. IN ADVANCE OF ANY WATER SHUTDOWN OR
- DISRUPTION OF SERVICE. 8. LOCATION OF WATER SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL WATER SERVICES PRIOR TO
- 9. ALL VALVES SHALL BE RED TOP (COUNTER CLOCKWISE
- 10.BACKFILL UNDER MUNROE AVENUE PAVEMENT SHALL BE CLASS 1. BACKFILL UNDEROR WITHIN 1.0m OF OTHER PAVEMENTS INCLUDING SIDEWALKS SHALL BE CLASS 3. BACKFILL IN BOULEVARD SHALL BE CLASS 5.
- 11.REMOVE EXISTING WATERMAIN FROM EXISTING CASING. CLEAN AND INSPECT CASING. INSTALL NEW WATERMAIN IN EXISTING CASING.

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1.12 MARCONI SPUR OFF OF MILE 122.86

DEPARTMENT

KEEWATIN SUB. MUNROE AVENUE BETWEEN GATEWAY ROAD AND RALEIGH STREET CITY OF WINNIPEG, WATER AND WASTE

> POTABLE WATER 450 KPa (65 psi) 1000 KPA (145 psi) 20°C

CARRIER CASING 250 mm 750 mm 282 mm 940 mm PVC REINFORCED CONCRETE AWWA C900 DR18 ASTM C76-57 (EXISTING

4°C

CASING) 15.7 mm RUBBER GASKET UNKNOWN BELL AND SPIGOT

> NORTH EAST CORNER OF MUNROE AVENUE AND RALEIGH STREET (WEST LINE OF CPR ROW)

NORTH WEST CORNER OF GATEWAY ROAD AND MUNROE AVENUE

BELLS

METHOD OF INSTALLATION TRENCHLESS – EXTRACTION OF EXISTING WATERMAIN AND

NUMBER: HEIGHT ABOVE GROUND: NA

> PERMEABLE GEOTEXTILE FABRIC BASE OF RAIL TO TOP OF CASING NOT BENEATH TRACKS 1.68m 2.8 m

EXTENT OF CASING MEASURED PERPENDICULAR TO CENTERLINE OF

CENTERLINE OF TRACK TO FACE OF JACKING/RECEIVING PITS CEDAR PLANKING, CONTINUOUS BETWEEN PIPE

NA

TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH TC -E10

**APEGIN Certificate of Authorization** 

Earth Tech Canada Inc. No. 730 Expiry: April 30, 2007

METRIC WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

**SCALE** 

## THE CITY OF WINNIPEG Winnipeg WATER AND WASTE DEPARTMENT

2006 WATERMAIN RENEWALS CONTRACT 1

CONSULTANT DRAWING NO

92736-C06

K. ZUREK

2006/05/08

CITY DRAWING NUMBER

SHEET OF

RALEIGH STREET D-8989 TO GATEWAY ROAD