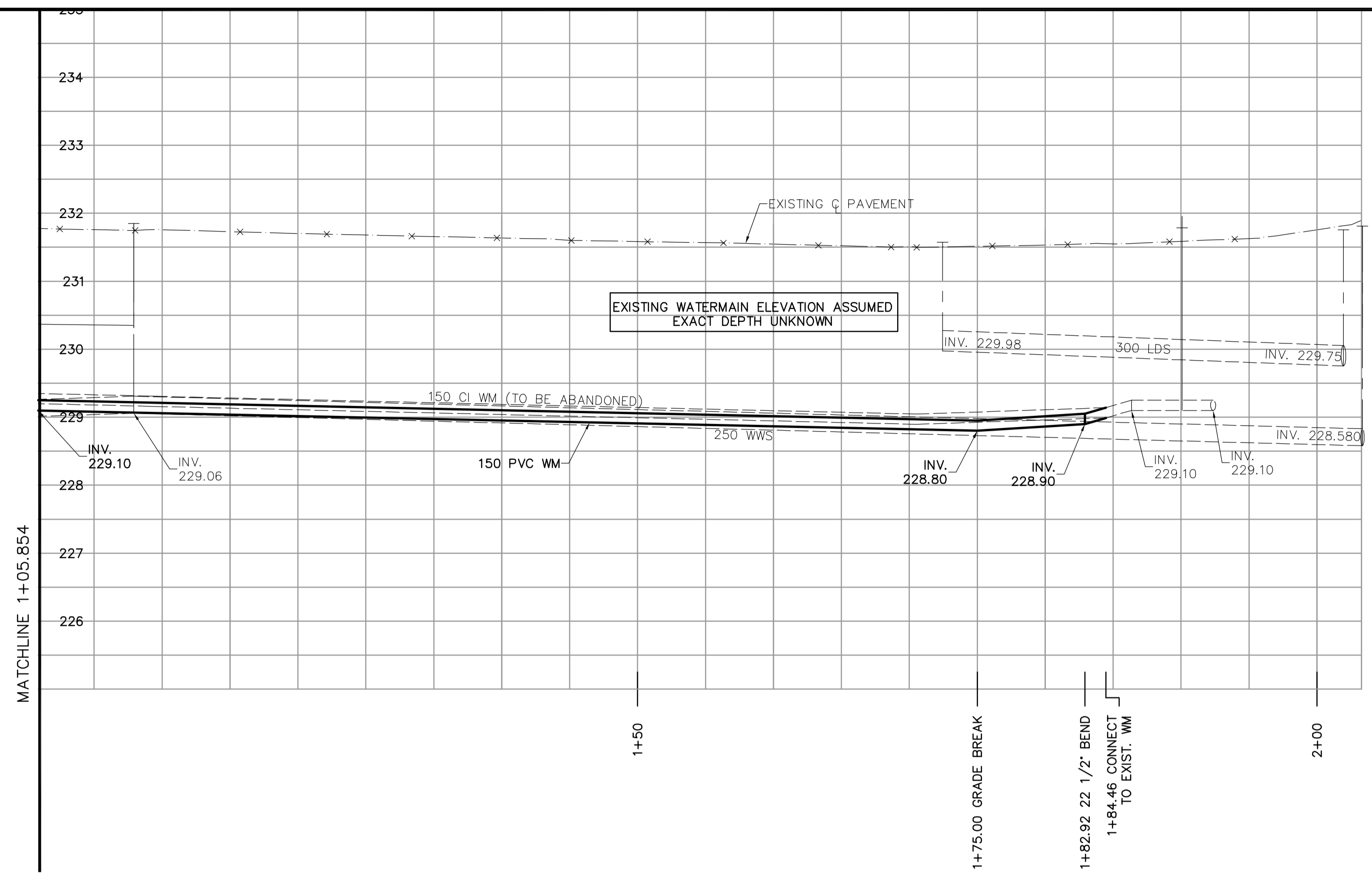
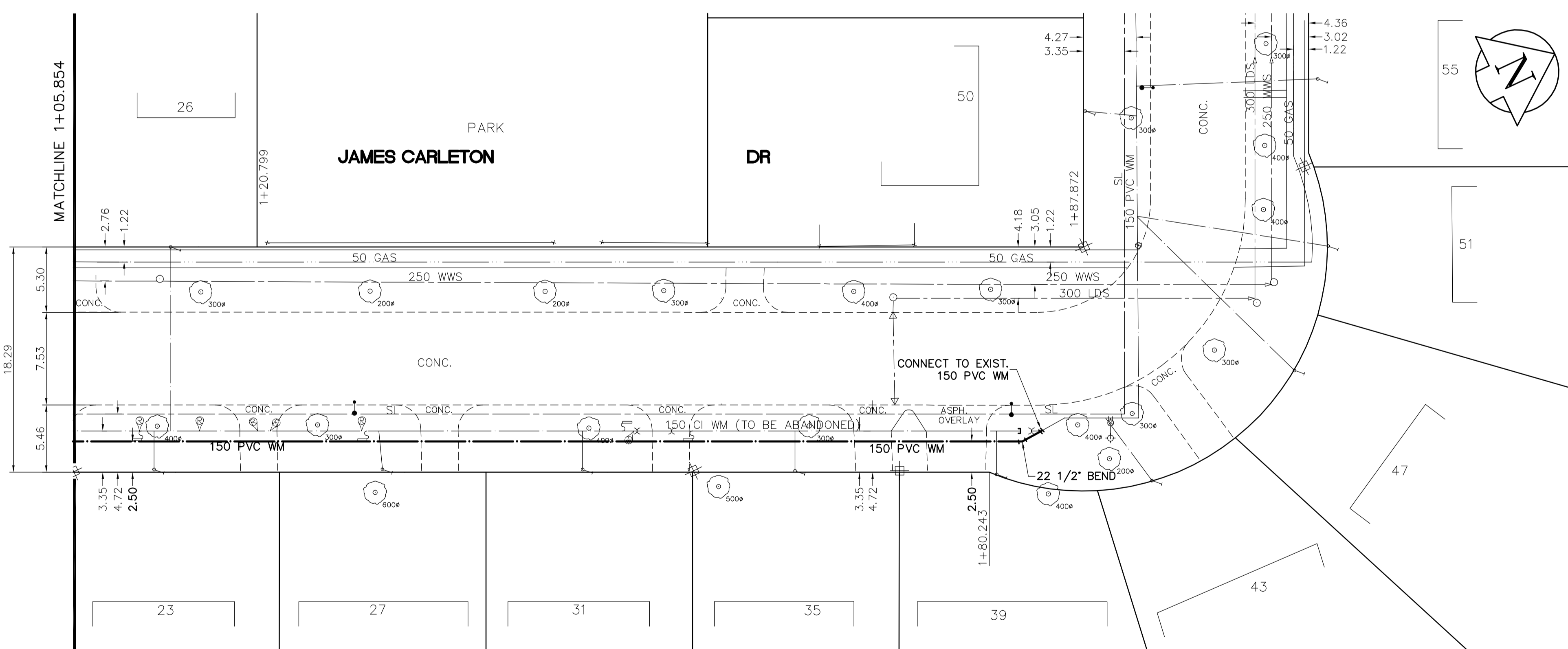


SHEET: COW-WM-A1 (11/2002) FILE NAME: L:\work\85539\026-CAD\WMT\Comp\85539-C12.dwg PLOTTED BY: mrosal@earthtech.ca LAYOUT NAME: 85539-C12 DATE: 2005-05-16

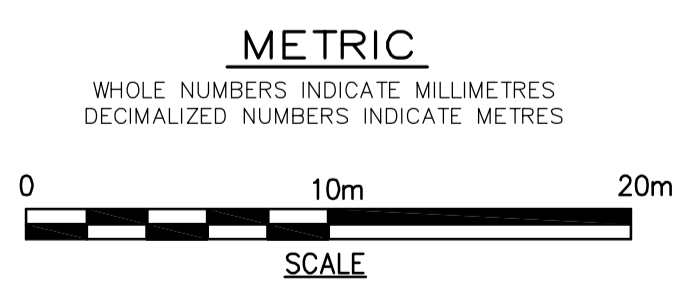


ADDRESS	NATURE OF SERVICE	DISTANCE SC TO PROPERTY	SIZE	MATERIAL	POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS
43 JAMES CARLETON DR	RESIDENTIAL	0.0 m	19 mm	COPPER	Long: 5.0 m N of SL Short: 2.7 m S of SL	JAMES CARL HOUSE	CONN NEW WM JUNE/01/83
39 JAMES CARLETON DR	RESIDENTIAL	5.6 m	19 mm	COPPER	Long: 7.5 m S of SL Short: 6.4 m N of SL	JAMES CARL HOUSE	
35 JAMES CARLETON DR	RESIDENTIAL	5.3 m	19 mm	COPPER	Long: 22.9 m S of SL Short: 5.2 m S of NL	JAMES CARL HOUSE	
31 JAMES CARLETON DR	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 68.6 m N of 1ST HYD N Short: 5.2 m S of NL	MANDAN HOUSE	
27 JAMES CARLETON DR	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 52.1 m N of 1ST HYD N Short: 6.7 m N of SL	MANDAN HOUSE	0.3 m S of S/C
26 JAMES CARLETON DR	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 35.4 m N of 1ST HYD N Short: 5.2 m S of NL	MANDAN HOUSE	
23 JAMES CARLETON DR	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 33.5 m N of 1ST HYD N Short: 5.0 m N of SL	MANDAN HOUSE	

- 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 PREVIOUS WATERMAIN BREAKS SHOWN THUS @ IS APPROXIMATE AND FOR INFORMATION ONLY. NO GUARANTEE IS GIVEN TO THE COMPLETENESS OR ACCURACY OF THIS INFORMATION.
 9. LOCATION OF WATER SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL WATER SERVICES PRIOR TO CONSTRUCTION.
 10. ALL VALVES SHALL BE BLACK TOP (CLOCKWISE TO CLOSE).
 11. BACKFILL UNDER OR WITHIN 1.0m OF PAVEMENTS, INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL EXCEPT AS NOTED. BACKFILL IN BOULEVARDS SHALL BE CLASS 5 BACKFILL.
 12. RENEW ALL LEAD SERVICES TO PROPERTY LINE.




 Certificate of Authorization
 Earth Tech Canada Inc.
 No. 730 Expiry: April 30, 2006



EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
	WATERMAIN			WATERMAIN			LAND DRAINAGE SEWER	
	LAND DRAINAGE SEWER			WASTEWATER SEWER			WASTEWATER SEWER	
	MANHOLE			CATCH BASIN			CURB INLET	
	CULVERT			GAS			HYDRANT	
	CONCRETE			ASPHALT			SURVEY BAR	
	ANODE			CONCRETE SIDEWALK			FENCE	

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
0	ISSUED FOR TENDER	05/06/16	GSK
A	ISSUED FOR REVIEW	05/06/13	GSK

EARTH TECH
 A tyco INTERNATIONAL LTD. COMPANY
 Earth Tech (Canada) Inc. Winnipeg, Manitoba 204-477-5381
 DESIGNED BY: GSK CHECKED BY: KWF
 DRAWN BY: MAF APPROVED BY: _____
 HOR. SCALE: 1:250
 VERTICAL SCALE: 1:50
 RELEASED FOR CONSTRUCTION BY: K. ZUREK
 DATE: 2005/05/12 DATE: 05/06/16

ENGINEER'S SEAL
 ORIGINAL SIGNED BY
 K.W. FITCHETT
 JUNE 16/05
 CONSULTANT DRAWING NO.
 85539-C12

THE CITY OF WINNIPEG
 Winnipeg WATER AND WASTE DEPARTMENT
2005 WATERMAIN RENEWALS CONTRACT 10
 SHEET OF 12 OF 16
 CITY DRAWING NUMBER
D-8775
 JAMES CARLETON DRIVE
 STATION 1+05.854 TO
 NORTH LEG OF JAMES CARLETON DRIVE