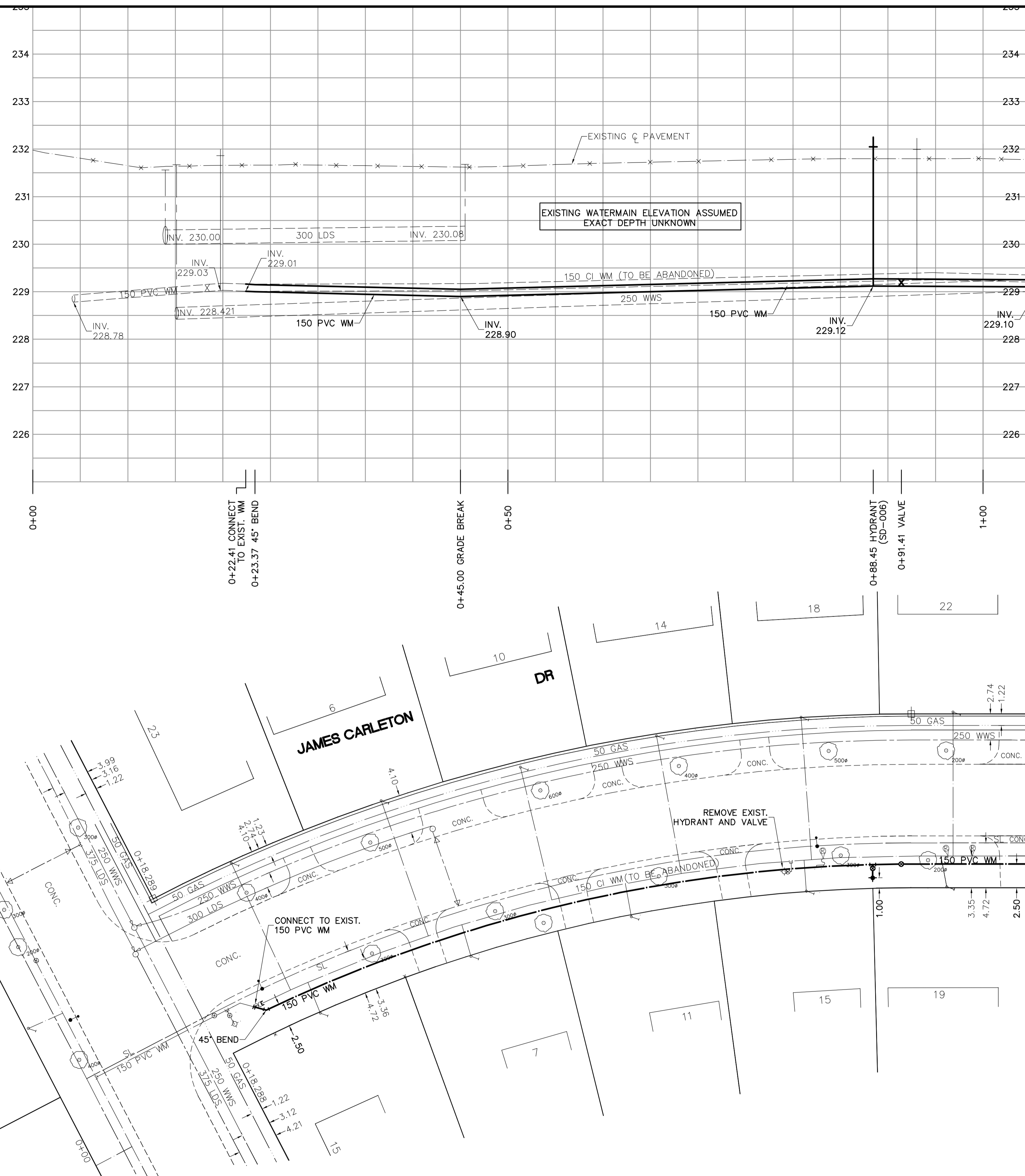


SHEET: COW-WM-A1 (11/2002) FILE NAME: L:\work\85539\026-CAD\WMT\Comp\85539-C11.dwg PLOTTED BY: mrosal\rosal DATE: 2005-06-16 LAYOUT NAME: 85539-C11

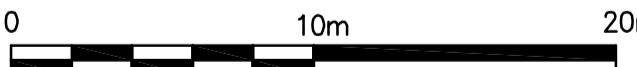


ADDRESS	NATURE OF SERVICE	DISTANCE SC TO PROPERTY	SIZE	MATERIAL	POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS
22 JAMES CARLETON DR	RESIDENTIAL	5.7 m	19 mm	COPPER	Long: 18.0 m N of 1ST HYD N Short: 4.9 m S of NL HOUSE	Long: of Short: of	
19 JAMES CARLETON DR	RESIDENTIAL	0.0 m	19 mm	COPPER	Long: of Short: 5.5 m S of NHL	Long: of Short: 6.0 m N of SHL	
18 JAMES CARLETON DR	RESIDENTIAL	4.9 m	19 mm	COPPER	Long: 3.0 m N of 1ST HYD N Short: 3.7 m N of SL HOUSE	Long: of Short: of	
15 JAMES CARLETON DR	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 2.1 m N of 1ST HYD N Short: 2.3 m N of SL HOUSE	Long: of Short: of	
14 JAMES CARLETON DR	RESIDENTIAL	4.9 m	19 mm	COPPER	Long: 11.0 m S of 1ST HYD N Short: 4.3 m N of SL HOUSE	Long: of Short: of	
11 JAMES CARLETON DR	RESIDENTIAL	0.0 m	19 mm	COPPER	Long: 16.9 m S of 1ST HYD N Short: 0.9 m N of SL HOUSE	Long: of Short: of	
10 JAMES CARLETON DR	RESIDENTIAL	4.8 m	19 mm	COPPER	Long: 41.3 m N of NL HOUSE Short: 4.4 m N of SL HOUSE	Long: of Short: of	
7 JAMES CARLETON DR	RESIDENTIAL	0.2 m	19 mm	COPPER	Long: 27.7 m N of NL HOUSE Short: of SL HOUSE	Long: of Short: of	
6 JAMES CARLETON DR	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 26.2 m N of NL HOUSE Short: 4.0 m S of W COR	Long: of Short: of	
23 MANDAN RD	RESIDENTIAL	4.9 m	19 mm	COPPER	Long: of Short: 1.8 m N of SL HOUSE	Long: of Short: of	
15 MANDAN RD	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: of Short: 1.8 m S of NL HOUSE	Long: of Short: of	

- 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.

MATCHLINE 1+05.854


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

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

 SCALE

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
	WATERMAIN			HYDRANT	
	VALVE			TELEPHONE	
	CONCRETE			ASPHALT	
	PROPERTY LINE			SURVEY BAR	
	CURB STOP			TREE	
	MANHOLE			ANODE	
	CATCH BASIN			CONCRETE SIDEWALK	
	CURB INLET			FENCE	
	JUNCTIONS				
	CULVERT				
	GAS				

LOCATION APPROVED UNDERGROUND STRUCTURES

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.

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: K. ZUREK
 HOR. SCALE: 1:250
 VERTICAL SCALE: 1:50
 DATE: 2005/05/12
 DATE: 05/06/16

ENGINEER'S SEAL

ORIGINAL SIGNED BY
K.W. FITCHETT
 JUNE 16/05

CONSULTANT DRAWING NO.
85539-C11

THE CITY OF WINNIPEG
 Winnipeg WATER AND WASTE DEPARTMENT

2005 WATERMAIN RENEWALS CONTRACT 10

JAMES CARLETON DRIVE MANDAN ROAD TO STATION 1+10.854

SHEET OF
 11 OF 16
 CITY DRAWING NUMBER
D-8774