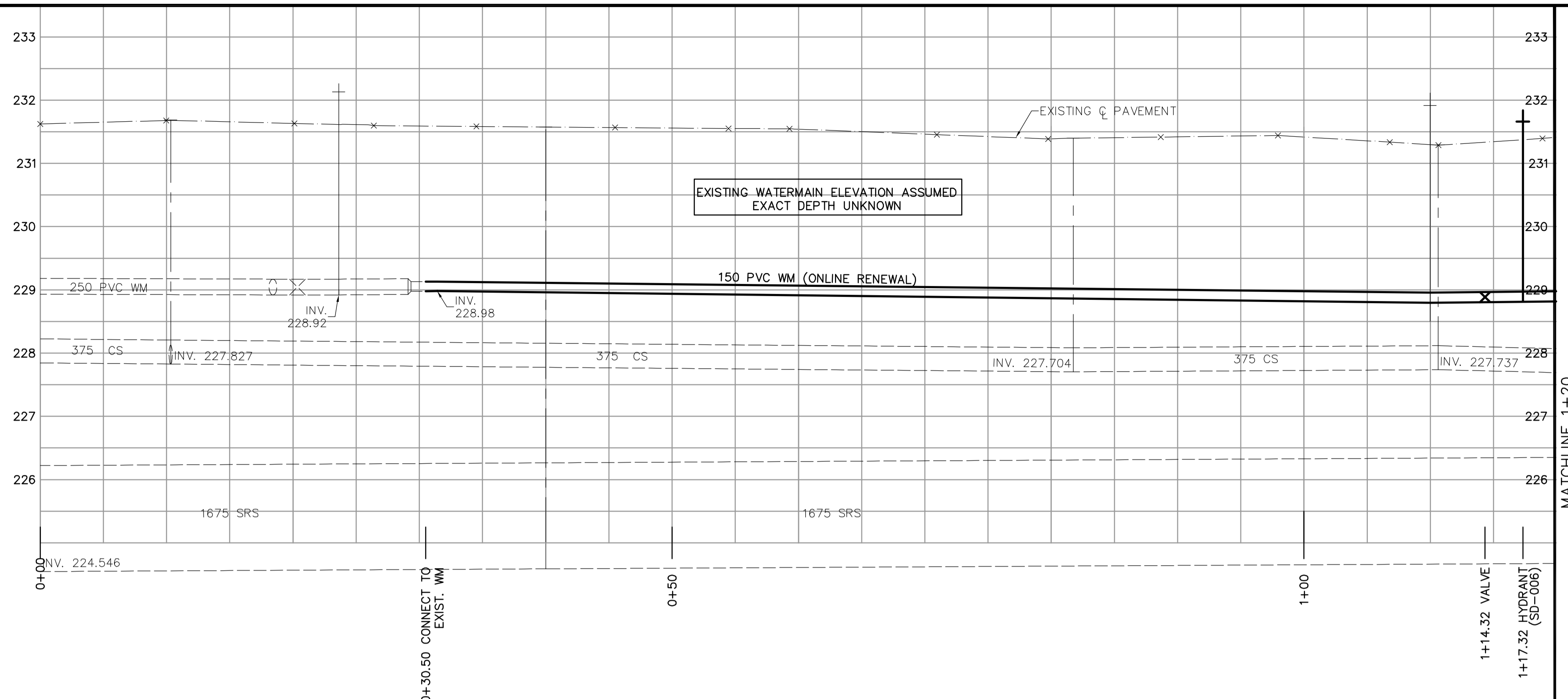


SHEET: COW-WM-A1 (1/2002) FILE NAME: L:\Users\165000\165330\206-CAD\WMT\Comp\85539-C03.dwg PLOTTED BY: michael.kocher DATE: Jun 16, 2005 - 8:42am LAYOUT NAME: 85539-C03

ADDRESS	NATURE OF SERVICE	DISTANCE SC TO PROPERTY	SIZE	MATERIAL	POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS
115	MCGREGOR ST	COMMERCIAL	0.3 m	38 mm	COPPER	Long: 41.5 m W of EL Short: 22.4 m W of EL	MCGREGOR BUILDING
114	MCGREGOR ST	FIRE DOMESTIC	0.2 m	150 mm	ASBESTOS	Long: 41.5 m W of WL Short: 8.5 m W of WBL	MCGREGOR BUILDING
111	MCGREGOR ST	COMMERCIAL	0.5 m	38 mm	COPPER	Long: 42.7 m E of EL Short: 16.5 m W of EL	MCGREGOR BUILDING
94	MCGREGOR ST	COMMERCIAL	0.0 m	38 mm	COPPER	Long: 11.9 m W of WL Short: 6.4 m W of EL	MCGREGOR BUILDING
909	STELLA AV	NOT IN USE	0.3 m	13 mm	LEAD	Long: 3.8 m W of WL Short: 1.5 m E of EL	MCGREGOR CHURCH
900	STELLA AV	RESIDENTIAL	0.3 m	13 mm	LEAD	Long: 15.2 m E of EL Short: 1.5 m W of EL	MCGREGOR HOUSE
596	STELLA AV	RESIDENTIAL	0.5 m	19 mm	COPPER	Long: 25.8 m E of EL Short: 3.7 m E of EL	MCGREGOR HOUSE
592	STELLA AV	RESIDENTIAL	0.3 m	25 mm	COPPER	Long: 38.4 m E of EL Short: 4.1 m E of EL	MCGREGOR HOUSE
590	STELLA AV	NOT IN USE	0.3 m	13 mm	LEAD	Long: 44.2 m E of EL Short: 0.3 m E of EL	MCGREGOR HOUSE
590	STELLA AV	NOT IN USE	0.3 m	13 mm	LEAD	Long: 44.2 m E of EL Short: 44.2 m E of EL	MCGREGOR HOUSE
590	STELLA AV	NOT IN USE	0.3 m	16 mm	LEAD	Long: 44.2 m E of EL Short: 0.3 m E of EL	MCGREGOR HOUSE
586	STELLA AV	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 52.7 m E of EL Short: 0.6 m W of WL	MCGREGOR HOUSE
584	STELLA AV	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 52.7 m E of EL Short: 0.6 m W of WL	MCGREGOR HOUSE
580	STELLA AV	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 88.4 m E of EL Short: 4.3 m E of WL	MCGREGOR HOUSE
578	STELLA AV	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 82.0 m E of EL Short: 6.2 m W of EL	MCGREGOR HOUSE
574	STELLA AV	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 3.8 m W of EL Short: 9.1 m W of 1ST	MCGREGOR HOUSE
569	STELLA AV	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 9.1 m W of 1ST Short: 1.2 m E of EL	MCGREGOR HOUSE
567	STELLA AV	RESIDENTIAL	0.3 m	19 mm	COPPER	Long: 95.1 m E of EL Short: 1.8 m E of EL	MCGREGOR HOUSE
566	STELLA AV	RESIDENTIAL	0.5 m	19 mm	COPPER	Long: 4.4 m E of 1ST Short: 2.3 m W of EL	MCGREGOR HOUSE
565	STELLA AV	RESIDENTIAL	0.3 m	13 mm	LEAD	Long: 81.7 m W of WL Short: 1.1 m W of WL	MCGREGOR HOUSE
564	STELLA AV	NOT IN USE	0.3 m	19 mm	LEAD	Long: 77.4 m W of WL Short: 1.7 m W of EL	MCGREGOR HOUSE
563	STELLA AV	RESIDENTIAL	0.0 m	19 mm	COPPER	Long: 1.7 m W of EL Short: 0.6 m W of STOP	MCGREGOR HOUSE



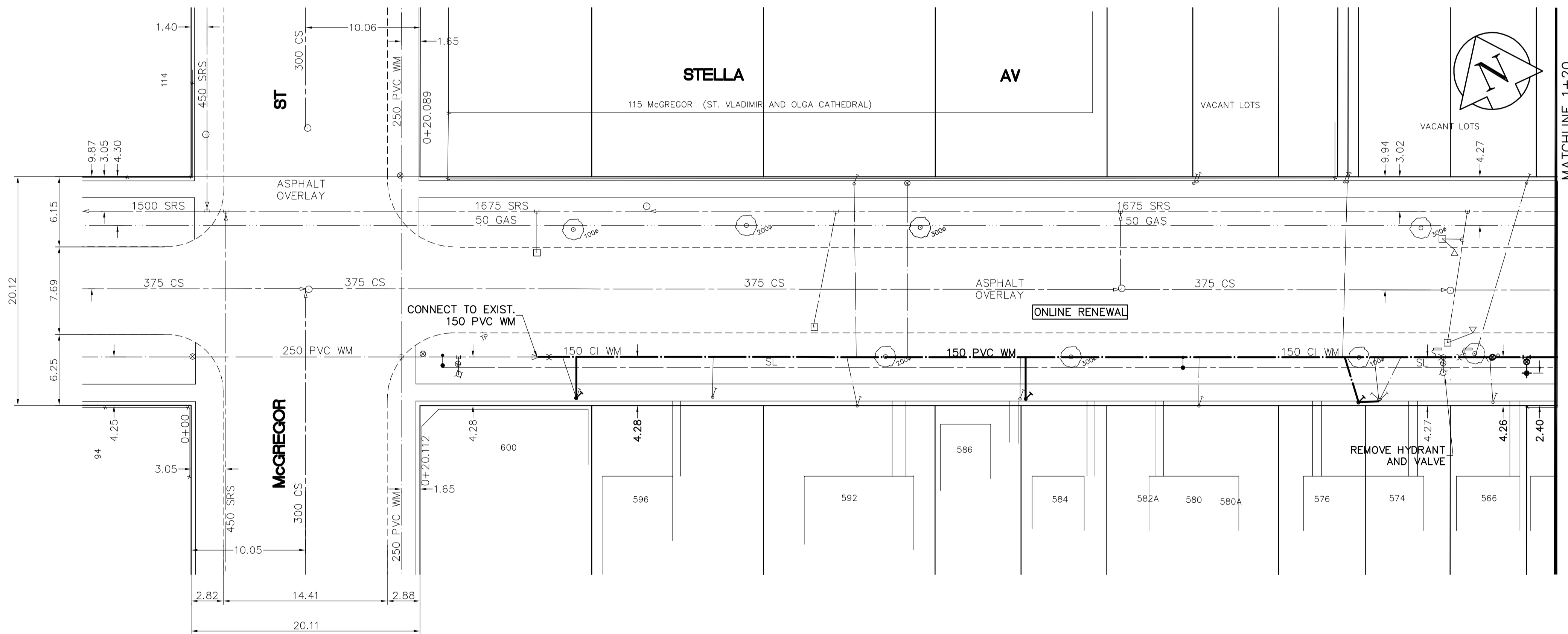
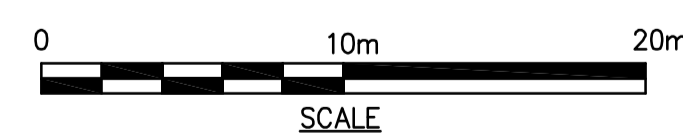
**CONSTRUCTION NOTES**

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 RED TOP (COUNTER 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.



**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	TELEPHONE	150 mm W.M.	WATERMAIN	HYDRANT	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	CONCRETE	ASPHALT	300mm L.D.S.	LAND DRAINAGE SEWER	VALVE	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	SURVEY BAR	250mm W.W.S.	WASTE WATER SEWER	Q PROFILE	
	MANHOLE		CURB STOP	TREE				
	CATCH BASIN		ANODE	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.

B.M. 25-013 S.W. Cor. SELKIRK Ave. and MCGREGOR St. Tbl. in ELEV. 232.006 0.2 m below brick of S.E. Cor. of Bldg.

**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	RELEASED FOR CONSTRUCTION BY:	K. ZUREK
VERTICAL SCALE:	1:50	DATE	05/06/16
NO. REVISIONS		DATE	2005/05/12

ENGINEER'S SEAL  
ORIGINAL SIGNED BY  
K.W. FITCHETT  
JUNE 16/05  
CONSULTANT DRAWING NO.  
85539-C03

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

**2005 WATERMAIN RENEWALS CONTRACT 10**

STELLA AVENUE  
MCGREGOR STREET TO  
STATION 1+20

SHEET 3 OF 16  
CITY DRAWING NUMBER  
D-8766