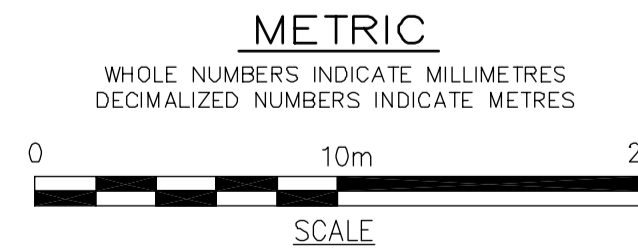


- CONSTRUCTION NOTES**
1. EXPOSE WATERMAIN CONNECTIONS AND CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 2. INSTALL WATERMAIN BY TRENCHLESS METHODS.
 3. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 4. MINIMUM COVER TO TOP OF PROPOSED WATERMAIN SHALL BE 2.5m FROM 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 (X) 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. BACKFILL ALL EXCAVATIONS WITHIN STREET PAVEMENTS ON MAIN STREET WITH CLASS 1 BACKFILL.

ADDRESS/ NATURE OF SERVICES	SIZE/ MATERIAL	DIST. TO PROP.	POSITION OF S.C. (curb stop)	POSITION OF C.C. (corp)	COMMENTS:
1305 MAIN ST RESIDENTIAL	COPPER 25 mm	0.5 m	Long: 30.5 m N of NL CHURCH Short: 2.7 m N of SL BUILDING	Long: 1.2 m N of SC	RENEW TO PROPERTY
1296 MAIN ST COMMERCIAL	LEAD 25 mm	0.3 m	Long: 3.2 m N of NL CHURCH Short: 2.4 m N of SL BUILDING	Long: 0PP of SC	RENEW TO PROPERTY
1284 MAIN ST COMMERCIAL	COPPER 50 mm		Long: 36.9 m W of WL MAIN Short: 4.6 m E of WL BUILDING	Long: 0.3 m E of SC	
259 CHURCH AV RESIDENTIAL	COPPER 25 mm	0.3 m	Long: 9.0 m E of EL CHARLES Short: 7.3 m E of WL BUILDING	Long: 1.2 m E of SC	

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2004



EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	HYDRANT	150 mm W.M.
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	CONCRETE	VALVE	300mm L.D.S.
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	ASPHALT	MANHOLE	250mm W.W.S.
	MANHOLE		PROPERTY LINE	CATCH BASIN	
	CATCH BASIN		SURVEY BAR	CURB INLET	
	CURB INLET		CURB STOP	JUNCTIONS	
	JUNCTIONS		TREE	CULVERT	
	CULVERT		ANODE	GAS	
	GAS		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 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.	ISSUED FOR TENDER	DATE	BY
0	ISSUED FOR TENDER	2004/4/27	GSK

EARTH TECH
A TUCO INTERNATIONAL LTD. COMPANY
Earth Tech (Canada) Inc. Winnipeg, Manitoba 204.477.5381

DESIGNED BY: GSK
CHECKED BY: GSK
DRAWN BY: GDL
APPROVED BY: GSK

HOR. SCALE: 1:250
VERTICAL SCALE: 1:50

RELEASER FOR CONSTRUCTION BY: K.R. ZUREK
DATE: APRIL 27, 2004

ENGINEER'S SEAL
ORIGINAL SIGNED BY: J. E. HUTCHISON
2004/04/27
CONSULTANT DRAWING NO. 76531-C10

THE CITY OF WINNIPEG
Winnipeg WATER AND WASTE DEPARTMENT

WATERMAIN RENEWALS
CONTRACT No. 5

CHURCH AVENUE
CHARLES STREET TO
MAIN STREET

SHEET 10 OF 19
CITY DRAWING NUMBER D-8535