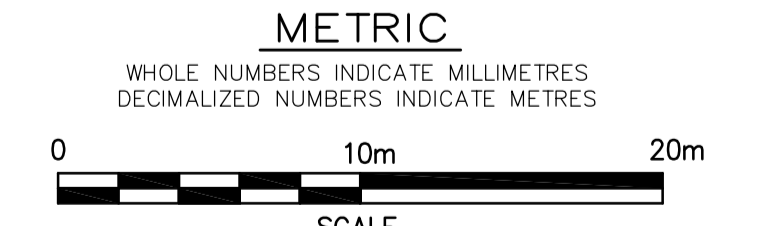


- CONSTRUCTION NOTES**
1. EXPOSE WATERMAIN CONNECTIONS AND CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 2. INSTALL WATERMAIN BY TRENCHLESS METHODS.
 3. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 4. MINIMUM COVER TO TOP OF PROPOSED WATERMAIN SHALL BE 2.5m FROM 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 CONSTRUCTION.
 9. ALL VALVES SHALL BE RED TOP (COUNTER CLOCKWISE TO CLOSE).
 10. 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.
 11. BACKFILL UNDER OR WITHIN 1.0m OF PORTAGE AVENUE PAVEMENT SHALL BE CLASS 1 BACKFILL.

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2008



ADDRESS	NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS
1515 PORTAGE AVE	COMMERCIAL	250 mm	CI	0.3 m	Long: 58.2 m W of WL Short: of	Long: of Short: of	TYLERHURST POLO PARK: RENEW TO PROPERTY
1513 PORTAGE AVE	NOT IN USE	19 mm	COPPER	0.3 m	Long: 15.5 m E of EL Short: 7.8 m E of EL	Long: of Short: COPP of/SC	TYLERHURST SDWK ENTRANCE

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRANT	TELEPHONE	150 mm W.M.	WATERMAIN	HYDRANT	150 mm W.M.
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	VALVE	CONCRETE	300mm L.D.S.	VALVE	CONCRETE	300mm L.D.S.
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	ASPHALT	PROPERTY LINE	250mm W.W.S.	ASPHALT	PROPERTY LINE	250mm W.W.S.
MANHOLE	MANHOLE	MANHOLE	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR
CATCH BASIN	CATCH BASIN	CATCH BASIN	CURB STOP	CURB STOP	CURB STOP	CURB STOP	CURB STOP	CURB STOP
CURB INLET	CURB INLET	CURB INLET	TREE	TREE	TREE	TREE	TREE	TREE
JUNCTIONS	JUNCTIONS	JUNCTIONS	ANODE	ANODE	ANODE	ANODE	ANODE	ANODE
CULVERT	CULVERT	CULVERT	CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK
GAS	GAS	GAS	FENCE	FENCE	FENCE	FENCE	FENCE	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.

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY
Earth Tech (Canada) Inc. Winnipeg, Manitoba 204-477-5381

DESIGNED BY: GSK, GDL
CHECKED BY: GSK

DRAWN BY: GDL
APPROVED BY:

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

RELEASED FOR CONSTRUCTION BY: K. ZUREK

DATE: 2007/04/11
DATE: 2007/05/31

ENGINEER'S SEAL
PROVINCE OF MANITOBA
ORIGINAL SIGNED BY
K.W. FITCHETT
29/05/2007
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
Winnipeg WATER AND WASTE DEPARTMENT

2007 WATERMAIN RENEWALS CONTRACT 6

PORTAGE AVENUE
RICHMOND ST. TO TYLERHURST ST.

SHEET 8 OF 8
CITY DRAWING NUMBER D-9178