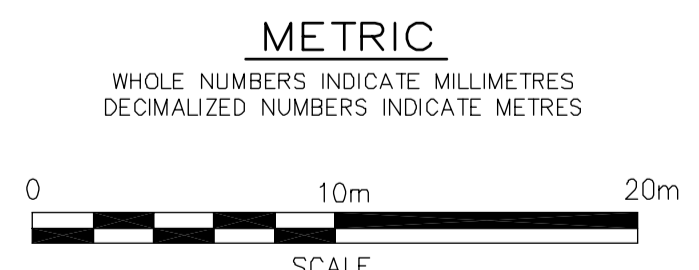


ADDRESS/ NATURE OF SERVICES	SIZE/ MATERIAL	DIST. TO PROP.	POSITION OF S.C. (curb stop)	POSITION OF C.C. (corp)	COMMENTS:
841 POLSON AV RESIDENTIAL	COPPER 19 mm	0.3 m	Long: 16.5 m E of EL Short: 1.4 m W of SL	BAY HOUSE Long: 0.3 m W of SC	REVERSE TAPPED
845 POLSON AV RESIDENTIAL	COPPER 19 mm	0.5 m	Long: 17.8 m N of NL Short: 2.3 m N of SL	POLSON HOUSE Long: 0.3 m W of SC	
849 POLSON AV RESIDENTIAL	COPPER 19 mm	0.5 m	Long: 31.4 m N of NL Short: 1.8 m S of SL	POLSON HOUSE Long: 1.8 m S of SC	
853 POLSON AV RESIDENTIAL	COPPER 19 mm	0.5 m	Long: 36.0 m N of NL Short: 2.7 m N of SL	POLSON HOUSE Long: 0.6 m S of SC	CPLG 6 INSIDE SC
857 POLSON AV RESIDENTIAL	COPPER 19 mm	0.5 m	Long: 27.4 m E of EL Short: 1.8 m E of WL	1ST HYDRANT E OF AIRLIES HOUSE Long: 1.1 m W of SC	
861 POLSON AV RESIDENTIAL	COPPER 19 mm	0.5 m	Long: 53.0 m E of EL Short: 3.0 m W of SL	1ST HYDRANT E OF AIRLIES HOUSE Long: 0.5 m W of SC	
865 POLSON AV RESIDENTIAL	COPPER 19 mm	0.5 m	Long: 39.5 m E of EL Short: 4.7 m W of SL	1ST HYDRANT E OF AIRLIES HOUSE Long: OPP of SC	
869 POLSON AV RESIDENTIAL	COPPER 19 mm	0.3 m	Long: 1.5 m W of EL	HOUSE Long: 0.3 m W of SC	
873 POLSON AV RESIDENTIAL	COPPER 19 mm	0.3 m	Long: 18.3 m E of EL Short: 0.9 m W of SL	1ST HYDRANT E OF AIRLIES HOUSE Long: OPP of SC	
877 POLSON AV RESIDENTIAL	COPPER 19 mm	0.5 m	Long: 4.9 m E of EL Short: 0.8 m W of SL	1ST HYDRANT E OF AIRLIES HOUSE Long: OPP of SC	
881 POLSON AV RESIDENTIAL	COPPER 19 mm	0.5 m	Long: 5.9 m W of EL Short: 0.6 m W of SL	1ST HYDRANT E OF AIRLIES HOUSE Long: 0.9 m E of SC	
885 POLSON AV RESIDENTIAL	COPPER 19 mm	0.3 m	Long: 45.4 m W of WL Short: 4.3 m W of SL	POLSON HOUSE Long: OPP of SC	
889 POLSON AV RESIDENTIAL	COPPER 19 mm	0.3 m	Long: 40.8 m N of NL Short: 5.2 m N of SL	POLSON HOUSE Long: 0.3 m E of SC	
891 POLSON AV RESIDENTIAL	COPPER 19 mm	0.5 m	Long: 32.6 m N of NL Short: 1.2 m S of SL	POLSON HOUSE Long: 0.3 m S of SC	CPLG 2.5 INSIDE SC
895 POLSON AV RESIDENTIAL	COPPER 19 mm	0.5 m	Long: 24.4 m N of NL POLSON BAY Short: 1.8 m S of NL HOUSE	Long: of Short: of	
899 POLSON AV RESIDENTIAL	COPPER 19 mm	0.5 m	Long: 58.2 m E of EL AIRLIES Short: 6.4 m E of WL HOUSE	Long: of Short: of SC	

- 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.



EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	Hydro	HYDRO	Hydro	150 mm W.M.	WATERMAIN	150 mm W.M.
Hydrant	HYDRANT	Hydrant	Telephone	TELEPHONE	Telephone	Valve	VALVE	Valve
Valve	VALVE	Valve	Concrete	CONCRETE	Concrete	Valve	VALVE	Valve
Land Drainage Sewer	LAND DRAINAGE SEWER	Land Drainage Sewer	Asphalt	ASPHALT	Asphalt	Land Drainage Sewer	LAND DRAINAGE SEWER	Land Drainage Sewer
Wastewater Sewer	WASTEWATER SEWER	Wastewater Sewer	Property Line	PROPERTY LINE	Property Line	Waste Water Sewer	WASTE WATER SEWER	Waste Water Sewer
Manhole	MANHOLE	Manhole	Survey Bar	SURVEY BAR	Survey Bar	C Profile	C PROFILE	C Profile
Catch Basin	CATCH BASIN	Catch Basin	Curb Stop	CURB STOP	Curb Stop			
Curb Inlet	CURB INLET	Curb Inlet	Tree	TREE	Tree			
Junctions	JUNCTIONS	Junctions	Anode	ANODE	Anode			
Culvert	CULVERT	Culvert	Concrete Sidewalk	CONCRETE SIDEWALK	Concrete Sidewalk			
Gas	GAS	Gas	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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	2004/4/27	GSK

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

DESIGNED BY: GSK CHECKED BY: GSK
DRAWN BY: GDL APPROVED BY:
HOR. SCALE: 1:250 RELEASED FOR CONSTRUCTION BY: K.R. ZUREK
VERTICAL SCALE: 1:50 DATE: APRIL 27, 2004

ENGINEER'S SEAL
ORIGINAL SIGNED BY J. E. HUTCHISON 2004/04/27
CONSULTANT DRAWING NO. 76531-C05

THE CITY OF WINNIPEG
Winnipeg WATER AND WASTE DEPARTMENT

WATERMAIN RENEWALS CONTRACT No. 5

POLSON AVENUE FIRST BAY EAST OF AIRLIES

SHEET 5 OF 19
CITY DRAWING NUMBER D-8530