

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 BLACK TOP (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.

APEGIN Certificate of Authorization Earth Tech Canada Inc. No. 730

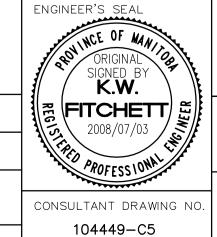
<u>METRIC</u> WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

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ADDRESS	NATURE OF SERVICE SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS:	ADDRI	RESS	TURE OF SERVICE	SIZE MATERIAL	DISTANCE SC TO PRO	PERTY POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS:
170 MASSON ST	RESIDENTIAL 19 mm	COPPER	8.2 m BUILDING	Long: 172.8 m E of EL TACHE	Long: 0	WATERMAIN RENEWAL DEC 1991	160 MAS	SSON ST	RESIDENTIAL	19 mm COPPER	8.2 m BL	LDING Long: 139.0 m E	of EL	TACHE Long:	of	
				Short: 1.5 m E of WL HOUSE	Short: 1.4 m E o	VALVE						Short: 0.9 m W	of EL	HOUSE Short:	of	
167 MASSON ST	RESIDENTIAL 19 mm	COPPER	4.6 m BUILDING	Long: 171.0 m E of EL TACHE	Long: 0	WATERMAIN RENEWAL DEC 1991	157 MAS	SSON ST	RESIDENTIAL	19 mm COPPER	4.3 m BL	LDING Long: 125.0 m E	of EL	TACHE Long:	Of Contract of Con	
				Short: 10.4 m E of WL HOUSE	Short: 2.6 m E 0	VALVE						Short: 0.9 m E	of WL	HOUSE Short:	Of Control	DENEW TO DEODEDTY
166 MASSON ST	RESIDENTIAL 19 mm	COPPER	7.9 m BUILDING	Long: 160.6 m E OTEL TACHE	Long: 0		156 MAS	SSON ST	RESIDENTIAL	19 mm COPPER	7.9 m BL	LDING Long: 115.8 m E	of EL	HOUSE Long:	01	RENEW TO PROPERTY
	+			Snort: 3.4 m E OT WL HOUSE	Snort: 0							Longil 11E 0 m E	of EI	HOUSE Short: 0	6 M E OI STOP COCK	
165 MASSON ST	RESIDENTIAL 19 mm	COPPER	5.5 m BUILDING	Long: 157.3 m E OTEL TACHE	Long: 0		154 MAS	SSON ST	RESIDENTIAL	19 mm COPPER	7.9 m BL	LDING Long: 115.8 m E	of WI	HOUSE Long:	01 of	
				Snort: 4.0 m W OTEL HOUSE	Snort: 0							Jana: 112.9 m E	of E1	TACHE Long:	of	
164 MASSON ST	RESIDENTIAL 19 mm	COPPER	7.9 m BUILDING	Charty 0.0 m E of WI HOUSE	Chart		153 MAS	SSON ST	RESIDENTIAL	19 mm COPPER	4.6 m BL	LDING Chart 2.7 m E	of W/I	HOUSE Chart	of	
				SHORE	Short. 0							Long: 2.4 m W	of W.I.	HOUSE Short.	of	
163 MASSON ST	RESIDENTIAL 19 mm	COPPER	4.6 m BUILDING	Chart: 0.0 m W of EI HOUSE	Chart:		151 MAS	SSON ST	RESIDENTIAL	19 mm COPPER	4.1 m BU	LDING Short: 1.5 m W	of FI	HVDRANT Short:	of	
	+ + +			Long: 136.2 m E of El TACHE	Short. 0							Long: QQ 1 m E	of FI	TACHE Long:	of	
161 MASSON ST	RESIDENTIAL 19 mm	COPPER	0.3 m PROPERTY	Short: 2.4 m W of El HOUSE	Short: 0		150 MAS	SSON ST	RESIDENTIAL	19 mm COPPER	7.6 m BL	LDING Short: 1.8 m W	of FI	HOUSE Short: 0	3 m F of FI HOUSE	
				Onort. 2.4 mpw porper incode	Official 0		<u> </u>	<u> </u>		l .	1	3.131t. 1.0 III W	0	TICCOL CHOILE O	o mile forfee friedor	

150 .mm_W.M.	WATERMAIN	150 mm W.M.		HYDRO		150 mm W.M.	WATERMAIN		LOCATIO
	HYDRANT	+		TELEPHONE	· · · · · · · · · · · · · · · · · · ·	二王二二	HYDRANT	<u>+</u>	LOCATIO
\otimes	VALVE	8		CONCRETE	1.1.1.1.1.1.1.1.1.1		VALVE	$\overline{\mathbf{x}}$	UNDERGRO
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.		ASPHALT		300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	SUPV. U/G S
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.		PROPERTY LINE		250mm W.W.S.	WASTE WATER SEWER	250mm W.W.S.	COMMITTEE
0	MANHOLE	•	-	SURVEY BAR			- Q PROFILE		NOTE:
	CATCH BASIN		\sim	CURB STOP	•				NOTE: Location of un
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	CULVERT			CONCRETE SIDEWALK					CONFIRMATION OF ALI
	GAS			FENCE					OBTAINED FROM BEFORE PROCEED
EXISTING	LEGEND — PLAN	PROPOSED	EXISTING	LEGEND — PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED	

	LOCATION APPROVED UNDERGROUND STRUCTURES	EL
.S.		
V.S.	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	0
	OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.	Α
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TION APPROVED GROUND STRUCTURES	B.M ELE	S.W. cor. Rue Dumoulin & Rue Langevin, Ti District No. 5 Police precint in first conc. V. level, 3.5m N. of SE corner of subgrade go	olt. in E. side abutment bela arage. El. 230	of ow street .669m	E A R	т н) T E	СН	E
GROUND STRUCTURES					- / !!				١.
/G STRUCTURES DATE					Earth Tech (Ca	nada) Inc. W	innipeg, Manitoba	204.477.5381	{
					DESIGNED BY	GSK, GDL	CHECKED BY	GSK	1
OF UNDERGROUND STRUCTURES AS E BASED ON THE BEST INFORMATION BUT NO GUARANTEE IS GIVEN					DRAWN BY	GDL	APPROVED BY	KWF	,
EXISTING UTILITIES ARE SHOWN OR GIVEN LOCATIONS ARE EXACT. ION OF EXISTENCE AND EXACT		1001150 500 7511050	0000 /07 /07	0014	HOR. SCALE:	1: 250	RELEASED FOR	DV	
OF ALL SERVICES MUST BE	0	ISSUED FOR TENDER	2008/07/03		VERTICAL:	1: 50	CONSTRUCTION		С
FROM THE INDIVIDUAL UTILITIES OCEEDING WITH CONSTRUCTION.	Α	ISSUED FOR REVIEW	2008/06/19	GSK			K. ZUF	REK	
	NO.	REVISIONS	DATE	BY	DATE 200 8	3/06/19	DATE 2008/0	7/03	



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مرد	Winnipeg	WATER	AND	WAST	TE DEF	PARTI	IENT	•		

2008 WATERMAIN RENEWALS CONTRACT 5

RUE MASSON TACHE AVE. TO 157m W. OF RUE AULNEAU STA. 2+00 TO STA. 2+65

SHEET 5	^{OF} 12
CITY DRAW	NG NUMBER

D-11455