

0.91±

ABANDON EXISTING

\_\_\_\_150 CI WM-

REMOVE EXISTING HYDRANT ASSEMBLY INSTALL NEW HYDRANT ASSEMBLY (SD-007)

(202)

150 CI WM

(204)

**AVENUE** 

	WATER CONNECTION DATA						
LIQUEE NO	SIZE & DISTANCE TYPE TO PL		STOP COCK LOCATION	CORROBATION	COMMENTS		
HOUSE NO.			SHORT / LONG	CORPORATION COCK LOCATION	COMMENTS		
1730 MAIN ST.	38 COP	UNK	2.44m W/EL OF BLDG	SAME AS S/C	SERVICED		
(COMMERCIAL)			6.40m WEL MAIN	•	OFF PERTH		
202 PERTH AVE.	38 COP	0.15	5.79m W/EL OF BLDG	SAME AS S/C			
(RESIDENTIAL)			9.75m WWL MAIN	•			
204 PERTH AVE.	38 COP	0.15	5.73m E/WL OF HOUSE	0.3m E OF S/C			
(RESIDENTIAL)			30.94m WWL MAIN	· · · · · · · · · · · · · · · · · · ·			
212 PERTH AVE.	20 LEAD	0.3	0.37m E/WL OF HOUSE	0.3m E OF S/C			
(RESIDENTIAL)			49.07m E OF 1ST HYD W OF MAIN	0.5111 E 01 3/0			
213 PERTH AVE.	13 LEAD	UNK	1.52m E/WL OF HOUSE	SAME AS S/C			
(RESIDENTIAL)			53.19m E OF 1ST HYD W OF MAIN	···· <b>-</b> · ·· <b>,</b> -			
214 PERTH AVE.	20 LEAD	UNK	1.52m E/WL OF HOUSE	0.60m E OF S/C			
(RESIDENTIAL)			39.17m E OF 1ST HYD W OF MAIN	,			
215 PERTH AVE.	13 LEAD	0.3	2.38m E/WL OF HOUSE	0.91m E OF S/C			
(RESIDENTIAL)			43.89m E OF 1ST HYD W OF MAIN				
216 PERTH AVE.	20 LEAD	UNK	2.56m W/EL OF HOUSE	0.75m W OF S/C			
(RESIDENTIAL)			32.16m E OF 1ST HYD W OF MAIN				
217 PERTH AVE.	16 LEAD	0.15	4.36m E/WL OF HOUSE	SAME AS S/C			
(RESIDENTIAL)			30.48m E OF 1ST HYD W OF MAIN	···· <b>-</b> · ·· <b>,</b> -			
218 PERTH AVE.	20 LEAD	0.3	3.60m W/EL OF HOUSE	SAME AS S/C			
(RESIDENTIAL)			20.27m E OF 1ST HYD W OF MAIN				
219 PERTH AVE.	13 LEAD	0.3	1.10m E/WL OF HOUSE	SAME AS S/C			
(RESIDENTIAL)			17.37m E OF 1ST HYD W OF MAIN				

\* SERVICE TO BE RENEWED. ALL OTHERS TO BE RECONNECTED



-150 CI WM-----

PERTH AVENUE

5.2±

4.27±

CHAINAGE IS ALONG SOUTH LIMIT OF PERTH AVENUE RIGHT-OF-WAY.

## **CONSTRUCTION NOTES**

- WATERMAIN TO HAVE 2.5m COVER FROM CENTRELINE OF ROAD.
- 2. ALL CURB REPLACEMENT TO MATCH EXISTING CURB.
- 3. ALL EXISTING WATERMAINS AT CONNECTION LOCATIONS ARE TO HAVE INVERTS VERIFIED PRIOR TO CONSTRUCTION.
- INSTALL ALL HYDRANTS WITH FLANGE ELEVATION FROM 50mm TO 150mm ABOVE FINISHED GRADE.
- SALVAGE ALL EXISTING HYDRANT ASSEMBLIES AND VALVES WHEN DIRECTED BY THE CONTRACT ADMINISTRATOR AND RETURN TO THE CITY YARD. ABANDON
- THE REMAINING VALVES (AND/OR VALVE BOXES) AND HYDRANT ASSEMBLIES. INSTALL WATERMAIN BY TRENCHLESS METHODS UNDER ALL PAVEMENTS, TREES,
- LIGHT STANDARDS, AND OTHER APPURTENANCES. RENEW ALL LEAD WATER CONNECTIONS UP TO THE PROPERTY LINE WITH
- 20mm COPPER WATER CONNECTIONS UNLESS RENEWAL SIZE IS OTHERWISE
- 8. ALL VALVES SHALL TURN CLOCKWISE TO CLOSE WITH BLACK OPERATING NUT.
- ALL BACKFILL UNDER PAVEMENT SHALL BE CLASS 3. ALL BACKFILL UNDER BOULEVARD SHALL BE CLASS 5.
- ABANDON SERVICES NO LONGER IN USE WHERE DIRECTED BY CONTRACT
- CONTRACTOR TO NOTIFY BUSINESSES AND RESIDENTS A MINIMUM OF 24
- 12. HOURS PRIOR TO ANY DISRUPTION TO WATER SERVICE.

## **GENERAL NOTES**

STATION 3+00 = SOUTHWEST CORNER OF MAIN STREET

AND PERTH AVENUE

Certificate of Authorization

Wardrop Engineering Inc. No. 195 Expiry: April 30, 2011

<u>150_WM</u>	WATERMAIN		凸	TEE	再	0	TREE	1
400_FM	FEEDERMAIN		o`	CURB STOP	•,	15.240	LEGAL DIMENSION	
300_LDS	LAND DRAINAGE SEWER			PLUG	]	<del>+</del>	SURVEY BAR	
250_WWS	WASTEWATER SEWER		0	MANHOLE	•		TRAFFIC SIGNAL	
300_CS	COMBINED SEWER			CATCHBASIN			GAS	
200_F <u>CM</u>	FORCEMAIN		$\nabla$	CURB INLET	▼		HYDRO	
	REDUCER	•		ZINC ANODE	ga		ASPHALT	
<b>-</b>	HYDRANT	<b>+</b>	•	HYDRO POLE			CURB	
8	VALVE	8	••	LIGHT STANDARD		66	ADDRESS	
4	BEND	4	←	ANCHOR		<del></del>	SIGN	
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED

10.668

20 LEAD

TO BE RENEWED

(214)

219

13 LEAD

TO BE RENEWED

TO BE RENEWED

218

217

16 LEAD

TO BE RENEWED

20 LEAD

TO BE RENEWED

(216)

215

13 LEAD

TO BE RENEWED TO BE RENEWED

(213)

13 LEAD

11.521

20 LEAD

TO BE RENEWED

(212)

**PERTH** 

OCATION APPROVED NDERGROUND STRUCTURES PV. U/G STRUCTURES DATE ATION OF UNDERGROUND STRUCTURES SHOWN ARE BASED ON THE BEST DRMATION AVAILABLE. BUT NO GUARANTEE ORMATION AVAILABLE: BUT NO GOARANTE SIVEN THAT ALL EXISTING UTILITIES ARE DWN OR THAT THE GIVEN LOCATIONS ARE ACT. CONFIRMATION OF EXISTENCE AND ACT LOCATION OF ALL SERVICES MUST BE TAINED FROM THE INDIVIDUAL UTILITIES
FORE PROCEEDING WITH CONSTRUCTION.

B.I	M. EV.						
				WARDROP ATETRA TECH COMPANY	PEOPLE, PASSION, PERFORMANCE. TRUSTED GLOBALLY		
				DESIGNED GWC	CHECKED BLM	ORIGINAL DRAWING REVISION "00" SEALED BY B.L. McINTOSH, P. ENG.	
				DRAWN BY NL	APPROVED GS BY	2010.05.13	
4				HOR. SCALE: 1:250	RELEASED FOR		
)1	ISSUED FOR TENDER	10.05.14	GS		CONSTRUCTION	CONSULTANT DRAWING NO.	
00	ISSUED FOR APPROVAL	10.05.13	BLM	VERTICAL: 1:50		4000400400 PINO 00000 04	
10.	REVISIONS	DATE	BY	DATE 10.03.23	DATE	1000120100-DWG-C0002-01	

40.234

CONNECT TO EXISTING

INSTALL 10.9 Kg ZINC

150 CI WM.

ANODE

ABANDON EXISTING VALVE.

INSTALL NEW VALVE

ORIGINAL DRAWING EVISION "00" SEALED BY B.L. McINTOSH, P. ENG. 2010.05.13 CONSULTANT DRAWING NO.

Winnipeg

## THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2010 - WATERMAIN RENEWALS AND SEWER REHABILTITAION CONTRACT 11

PERTH AVENUE 96m EAST OF AIKINS STREET TO MAIN STREET

CITY DRAWING NUMBER D-12026 2 OF 10 C0002