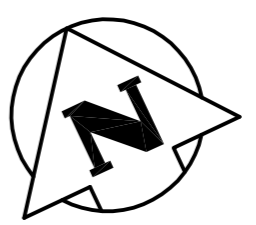
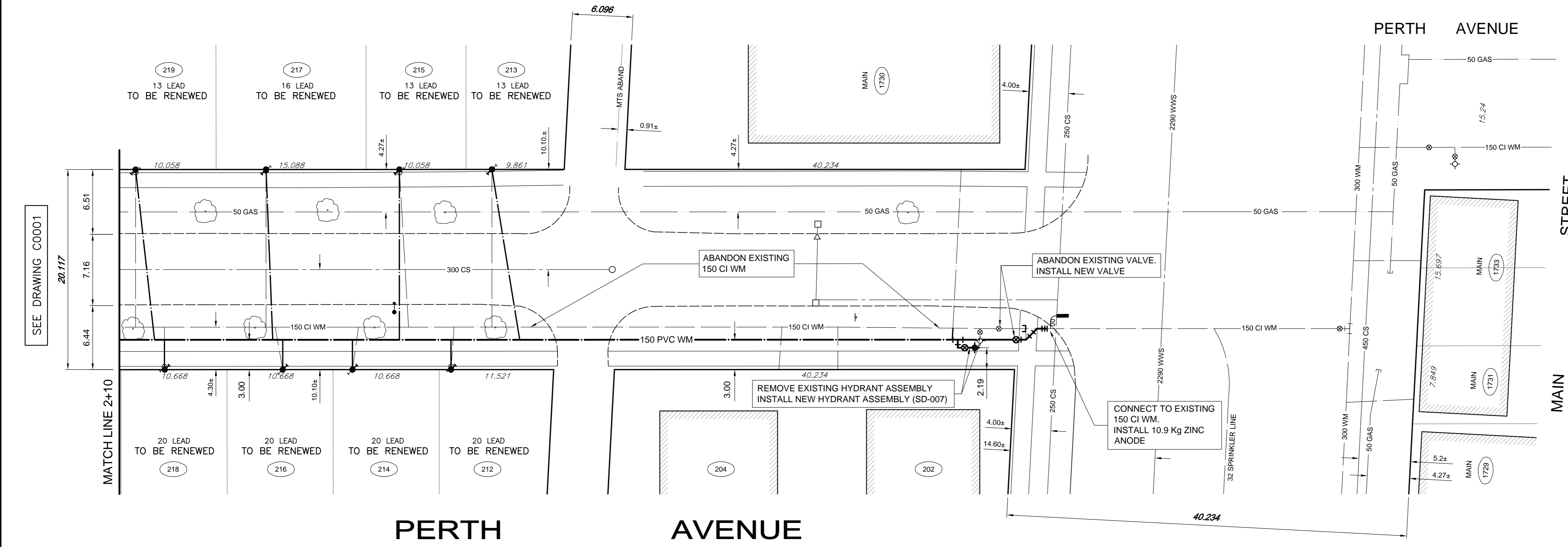


HOUSE NO.	SIZE & TYPE	DISTANCE TO FL	STOP COCK LOCATION		CORPORATION COCK LOCATION	COMMENTS
			SHORT	LONG		
1730 MAIN ST. (COMMERCIAL)	38 COP	UNK	2.44m W/EL OF BLDG	6.40m WEL MAIN	SAME AS S/C	SERVICED OFF PERTH
202 PERTH AVE. (RESIDENTIAL)	38 COP	0.15	5.79m W/EL OF BLDG	9.75m WEL MAIN	SAME AS S/C	
204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

* SERVICE TO BE RENEWED. ALL OTHERS TO BE RECONNECTED



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



- CONSTRUCTION NOTES**
1. WATERMAIN TO HAVE 2.5m COVER FROM CENTRELINE OF ROAD.
 2. ALL CURB REPLACEMENT TO MATCH EXISTING CURB.
 3. ALL EXISTING WATERMANS AT CONNECTION LOCATIONS ARE TO HAVE INVERTS VERIFIED PRIOR TO CONSTRUCTION.
 4. INSTALL ALL HYDRANTS WITH FLANGE ELEVATION FROM 50mm TO 150mm ABOVE FINISHED GRADE.
 5. 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.
 6. INSTALL WATERMAIN BY TRENCHLESS METHODS UNDER ALL PAVEMENTS, TREES, LIGHT STANDARDS, AND OTHER APPURTENANCES.
 7. RENEW ALL LEAD WATER CONNECTIONS UP TO THE PROPERTY LINE WITH 20mm COPPER WATER CONNECTIONS UNLESS RENEWAL SIZE IS OTHERWISE NOTED.
 8. ALL VALVES SHALL TURN CLOCKWISE TO CLOSE WITH BLACK OPERATING NUT. ALL BACKFILL UNDER PAVEMENT SHALL BE CLASS 3.
 9. ALL BACKFILL UNDER BOULEVARD SHALL BE CLASS 5.
 10. ABANDON SERVICES NO LONGER IN USE WHERE DIRECTED BY CONTRACT ADMINISTRATOR.
 11. CONTRACTOR TO NOTIFY BUSINESSES AND RESIDENTS A MINIMUM OF 24 HOURS PRIOR TO ANY DISRUPTION TO WATER SERVICE.

GENERAL NOTES
STATION 3+00 = SOUTHWEST CORNER OF MAIN STREET AND PERTH AVENUE



EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
150 WM	WATERMAIN	---	TEE	+	+	TREE	+	+
400 FM	FEEDERMAIN	---	CURB STOP	+	+	LEGAL DIMENSION	15.240	+
300 LDS	LAND DRAINAGE SEWER	---	PLUG	+	+	SURVEY BAR	+	+
250 WWS	WASTEWATER SEWER	---	MANHOLE	+	+	TRAFFIC SIGNAL	+	+
300 CS	COMBINED SEWER	---	CATCHBASIN	+	+	GAS	+	+
200 FCM	FORCEMAIN	---	CURB INLET	+	+	HYDRO	+	+
REDUCER	REDUCER	+	ZINC ANODE	+	+	ASPHALT	+	+
HYDRANT	HYDRANT	+	HYDRO POLE	+	+	CURB	+	+
VALVE	VALVE	+	LIGHT STANDARD	+	+	ADDRESS	66	+
BEND	BEND	+	ANCHOR	+	+	SIGN	+	+

LOCATION APPROVED UNDERGROUND STRUCTURES	
SUPV. U/G STRUCTURES COMMITTEE	DATE

B.M. ELEV.	DATE	BY

WARDROP A TETRA TECH COMPANY		PEOPLE. PASSION. PERFORMANCE. TRUSTED GLOBALLY	
DESIGNED BY	GWC	CHECKED BY	BLM
DRAWN BY	NL	APPROVED BY	GS
ISSUED FOR TENDER		10.05.14	
ISSUED FOR APPROVAL		10.05.13	
NO. REVISIONS		DATE	

ORIGINAL DRAWING	
REVISION "00" SEALED BY B.L. MCINTOSH, P. ENG. 2010.05.13	
CONSULTANT DRAWING NO. 1000120100-DWG-C0002-01	

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 - WATERMAIN RENEWALS AND SEWER REHABILITATION CONTRACT 11

CITY DRAWING NUMBER D-12026
SHEET 2 OF 10

PERTH AVENUE
96m EAST OF AIKINS STREET
TO MAIN STREET

C0002