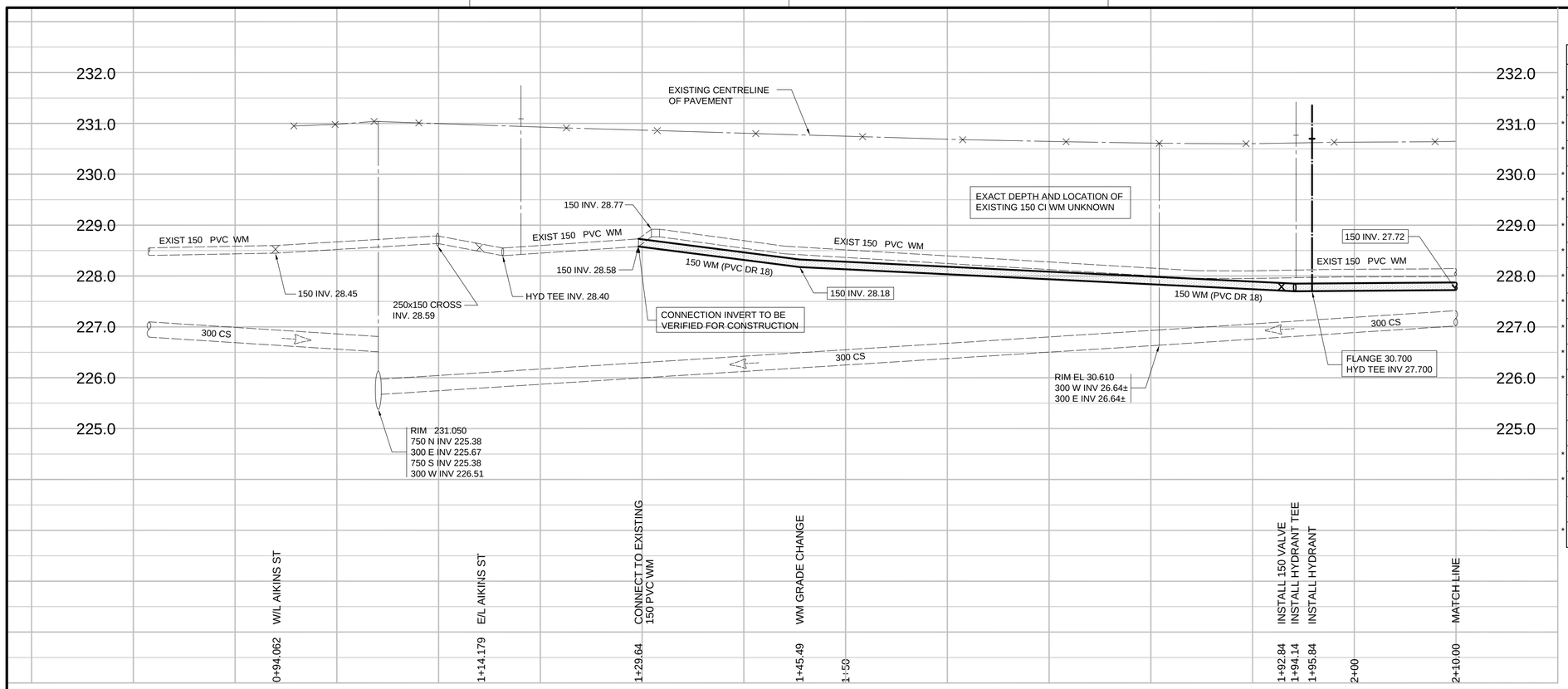
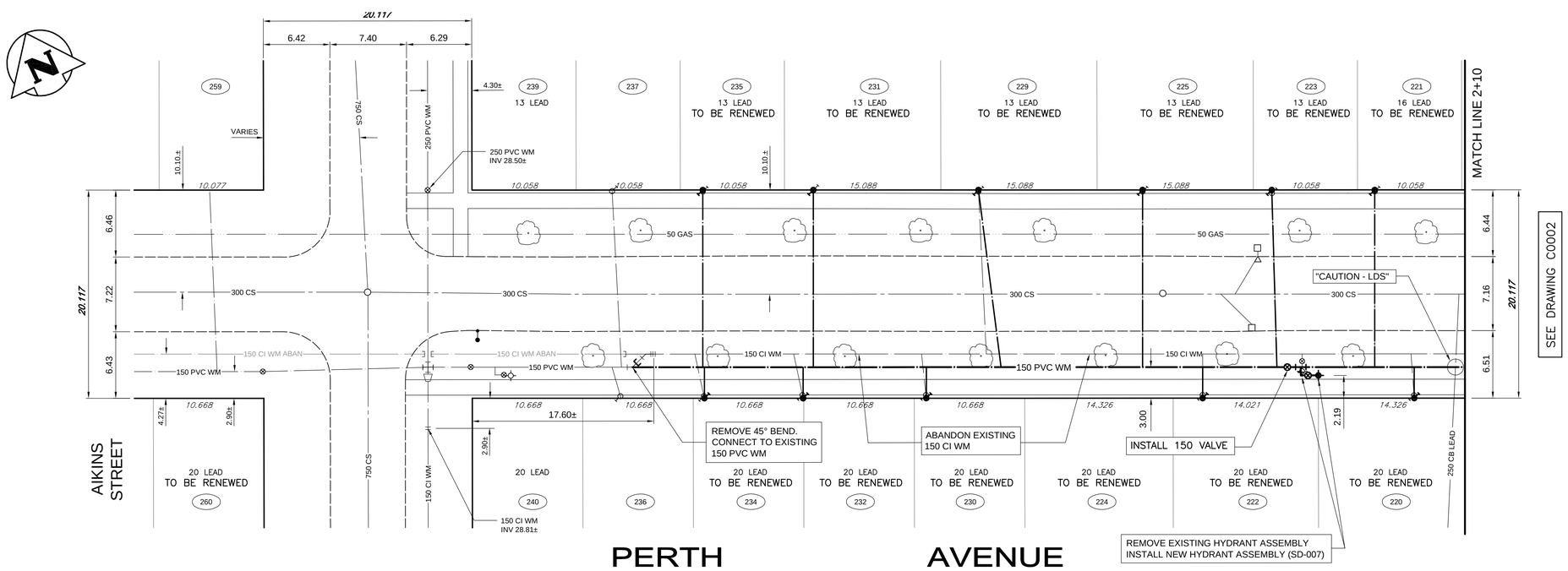


WATER CONNECTION DATA						
HOUSE NO.	SIZE & TYPE	DISTANCE TO PL	STOP COCK LOCATION SHORT / LONG	CORPORATION COCK LOCATION	COMMENTS
* 220 PERTH AVE. (RESIDENTIAL)	20 LEAD	0.3	1.52m W/EL OF HOUSE 10.82m E OF 1ST HYD W OF MAIN	0.3m W OF S/C	
* 221 PERTH AVE. (RESIDENTIAL)	16 LEAD	0.15	1.10m E/WL OF HOUSE 7.01m E OF 1ST HYD W OF MAIN	SAME AS S/C	
* 222 PERTH AVE. (RESIDENTIAL)	20 LEAD	0.3	1.89m E/WL OF HOUSE 9.60m W OF 1ST HYD W OF MAIN	UNK	
* 223 PERTH AVE. (RESIDENTIAL)	13 LEAD	0.3	0.91m E/WL OF #1002 2.93m W OF 1ST HYD W OF MAIN	0.45m E OF S/C	
* 224 PERTH AVE. (RESIDENTIAL)	20 LEAD	UNK		0.45m E OF S/C	
* 225 PERTH AVE. (RESIDENTIAL)	13 LEAD	0.15	0.30m W/WL OF HOUSE 15.39m W OF 1ST HYD W OF MAIN	SAME AS S/C	
* 229 PERTH AVE. (RESIDENTIAL)	13 LEAD	0.15	0.37m W/WL OF HOUSE 31.24m W OF 1ST HYD W OF MAIN	0.75m E OF S/C	
* 230 PERTH AVE. (RESIDENTIAL)	20 LEAD	0.3	0.37m E/WL OF HOUSE 36.27m W OF 1ST HYD W OF MAIN	0.45m W OF S/C	
* 231 PERTH AVE. (RESIDENTIAL)	13 LEAD	UNK	2.26m E/WL OF HOUSE 35.51m E OF HYD AT AIKINS	SAME AS S/C	
* 232 PERTH AVE. (RESIDENTIAL)	20 LEAD	0.3	0.24m W/WL OF HOUSE 48.16m W OF 1ST HYD W OF MAIN	0.91m W OF S/C	
* 234 PERTH AVE. (RESIDENTIAL)	20 LEAD	0.15	0.91m E/WL OF HOUSE 24.99m E OF HYD AT AIKINS	0.91m W OF S/C	
* 235 PERTH AVE. (RESIDENTIAL)	13 LEAD	0.15	1.74m E/WL OF HOUSE 24.84m E OF HYD AT AIKINS	SAME AS S/C	
236 PERTH AVE. (RESIDENTIAL)	20 COP	0.2	2.70m E/WL OF HOUSE 14.30m EEL AIKINS	0.8m W OF S/C	
237 PERTH AVE. (RESIDENTIAL)	20 COP	0.1	2.6m E/WL OF HOUSE 13.5m EEL AIKINS	0.9m E OF S/C	
* 239 PERTH AVE. (RESIDENTIAL)	13 LEAD	UNK	4.57m N/SL OF HOUSE 12.19m NNL PERTH	0.45m S OF S/C	SERVICED OFF AIKINS
* 240 PERTH AVE. (RESIDENTIAL)	20 LEAD	1.2	3.96m S/NL OF HOUSE	SAME AS S/C	SERVICED OFF AIKINS
259 PERTH AVE. (RESIDENTIAL)	20 COP	0.15	3.40m W/EL OF HOUSE 5.20m WWL AIKINS	0.7m E OF S/C	
* 260 PERTH AVE. (RESIDENTIAL)	20 LEAD	UNK	5.30m S/NL OF HOUSE 14.33m SSL PERTH	0.60m S OF S/C	SERVICED OFF AIKINS

* 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 WATERMAINS 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.
9. ALL BACKFILL UNDER PAVEMENT SHALL BE CLASS 3.
10. ALL BACKFILL UNDER BOULEVARD SHALL BE CLASS 5.
11. ABANDON SERVICES NO LONGER IN USE WHERE DIRECTED BY CONTRACT ADMINISTRATOR.
12. 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

APEGM
Certificate of Authorization
Wardrop Engineering Inc.
No. 195 Expiry: April 30, 2011

150 WM	WATERMAIN		TEE			TREE	
400 FM	FEEDERMAIN		CURB STOP		15.240	LEGAL DIMENSION	
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		ZINC ANODE			ASPHALT	
	HYDRANT		HYDRO POLE			CURB	
	VALVE		LIGHT STANDARD		66	ADDRESS	
	BEND		ANCHOR			SIGN	
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED

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.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
01	ISSUED FOR TENDER	10.05.14	GS
00	ISSUED FOR APPROVAL	10.05.13	BLM

WARDROP A TETRA TECH COMPANY
PEOPLE, PASSION, PERFORMANCE. TRUSTED GLOBALLY

DESIGNED BY	GWC	CHECKED BY	BLM
DRAWN BY	NL	APPROVED BY	GS
HOR. SCALE:	1 : 250	RELEASED FOR CONSTRUCTION	
VERTICAL:	1 : 50		
DATE	10.03.23	DATE	

ORIGINAL DRAWING
REVISION "00" SEALED BY B.L. McINTOSH, P. ENG. 2010.05.13

CONSULTANT DRAWING NO.
1000120100-DWG-C0001-01

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 - WATERMAIN RENEWALS AND SEWER REHABILITATION CONTRACT 11

PERTH AVENUE
AIKINS STREET
TO 96m EAST OF AIKINS STREET

CITY DRAWING NUMBER
D-12025
SHEET 1 OF 10
C0001