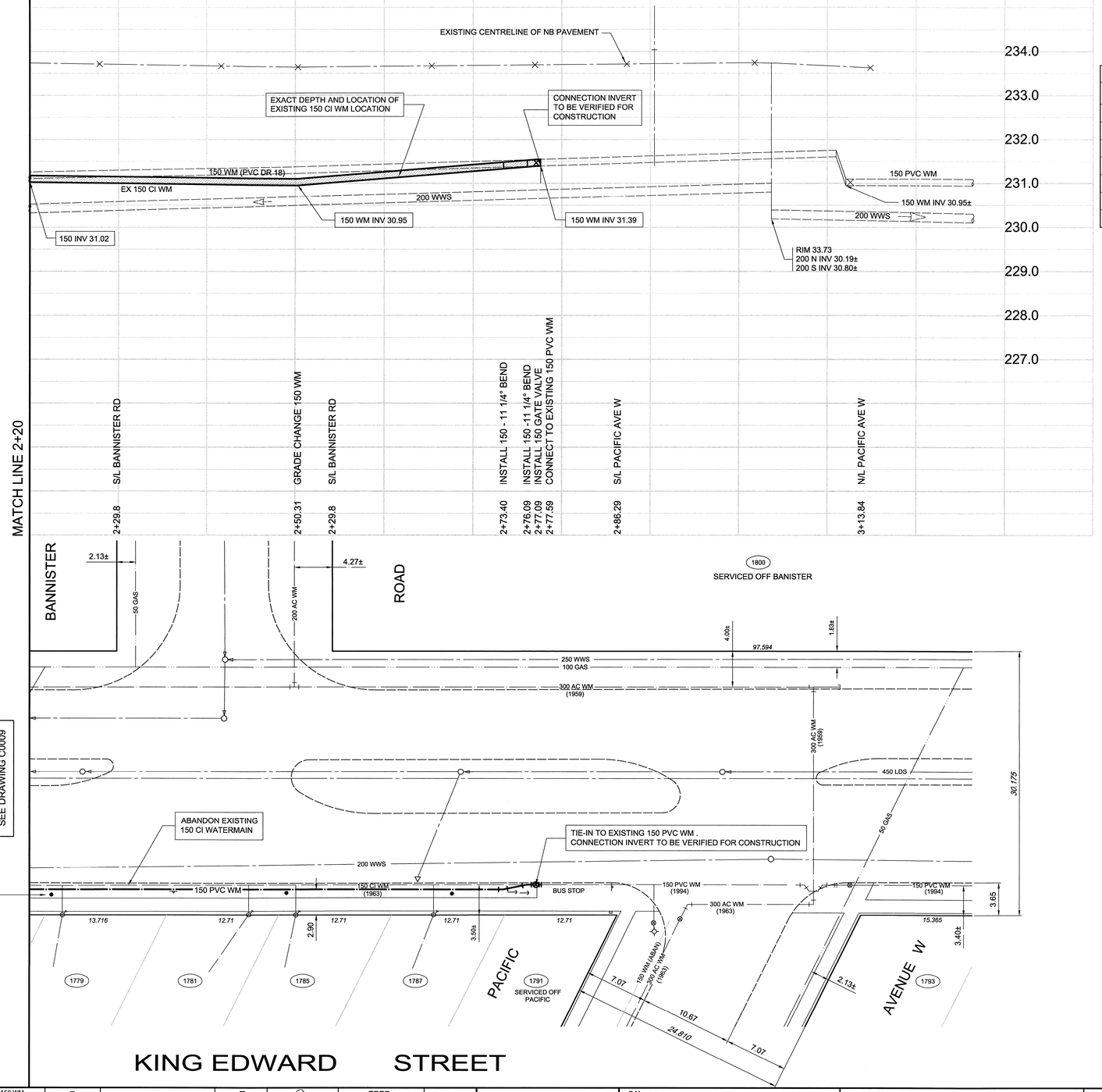

WATER CONNECTION DATA					
ADDRESS	SIZE & TYPE	DISTANCE TO PL	STOP COCK LOCATION SHORT / LONG	CORPORATION COCK LOCATION	COMMENTS
1779 KING EDWARD ST (RESIDENTIAL)	19 COPPER		0.3 N OF S IN WALK	-	
1781 KING EDWARD ST (RESIDENTIAL)	19 COPPER	0.3	2.1 S OF N SIDE BLDG	-	
1785 KING EDWARD ST (RESIDENTIAL)	19 COPPER		0.9 N OF S SIDE BLDG	-	
1787 KING EDWARD ST (RESIDENTIAL)	UNKNOWN		2.4 S OF COR OF BLDG	-	
1791 KING EDWARD ST (RESIDENTIAL)	19 COPPER		2.1 E OF COR OF BLDG	-	
1793 KING EDWARD ST (RESIDENTIAL)	UNKNOWN		1.2 S OF COR OF BLDG	-	
1800 KING EDWARD ST (COMMERCIAL)	19 COPPER		4.0 N OF S SIDE BLDG	3.3 N OF VALVE @ N LINE PACIFIC AVE	STOP COCK 52.7 N OF HYD AT PACIFIC AVE

NOTE:
ON LINE WATERMAIN RENEWAL.
ABANDON EXISTING PIPE

NOTE:
CHAINAGE IS ALONG EAST LIMIT OF KING EDWARD STREET RIGHT-OF-WAY.

NOTE:
RECONNECT ALL EXISTING COPPER SERVICES TO NEW WATERMAIN.
INSTALL ANODE AT EVERY COPPER WATER SERVICE CONNECTION TO NEW PVC WATERMAIN.

NOTE:

KING EDWARD STREET IS PART OF 2011 PAVEMENT RENEWAL PROJECT.
FINAL SURFACE RESTORATION OF PAVEMENTS, BOULEVARDS, AND SIDEWALKS EXCAVATED FOR WATERMAIN CONSTRUCTION IN THIS PORTION OF KING EDWARD STREET WILL BE CARRIED OUT BY THE PAVEMENT RENEWAL CONTRACTOR.

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. LOCATION OF ALL SERVICES TO BE CONFIRMED IN FIELD.
8. RENEW ALL LEAD WATER CONNECTIONS UP TO THE PROPERTY LINE WITH 19mm COPPER WATER CONNECTIONS UNLESS RENEWAL SIZE IS OTHERWISE NOTED.
9. ALL VALVES SHALL TURN CLOCKWISE TO CLOSE WITH BLACK OPERATING NUT.
10. ALL BACKFILL UNDER AND WITHIN 1.0m OF PAVEMENT OR SIDEWALK SHALL BE CLASS 3.
11. ALL BACKFILL UNDER BOULEVARD SHALL BE CLASS 5.
12. ABANDON SERVICES NO LONGER IN USE WHERE DIRECTED BY CONTRACT ADMINISTRATOR.
13. CONTRACTOR TO NOTIFY BUSINESSES AND RESIDENTS A MINIMUM OF 24 HOURS PRIOR TO ANY DISRUPTION TO WATER SERVICE.

GENERAL NOTES

1. STATION 1+00 = SOUTHEAST CORNER OF KING EDWARD STREET AND ELGIN AVENUE W.

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

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

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	11.04.05	K.G.M.
00	ISSUED FOR APPROVAL	11.04.03	K.G.M.

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

DESIGNED BY	GWC	CHECKED BY	KJM
DRAWN BY	GMD/NL	APPROVED BY	GS
HOR. SCALE:	1 : 250	RELEASED FOR CONSTRUCTION	
VERTICAL:	1 : 50		
DATE	11.02.10	DATE	

PROVINCE OF MANITOBA
K.J. McRAE
2011/04/13
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
1100120300-DWG-C0010-00

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2011 - WATERMAIN RENEWALS
CONTRACT 3

KING EDWARD STREET
10m NORTH OF ROSS AVENUE W
TO PACIFIC AVENUE W

CITY DRAWING NUMBER D-12361
SHEET 10 OF 12
C0010