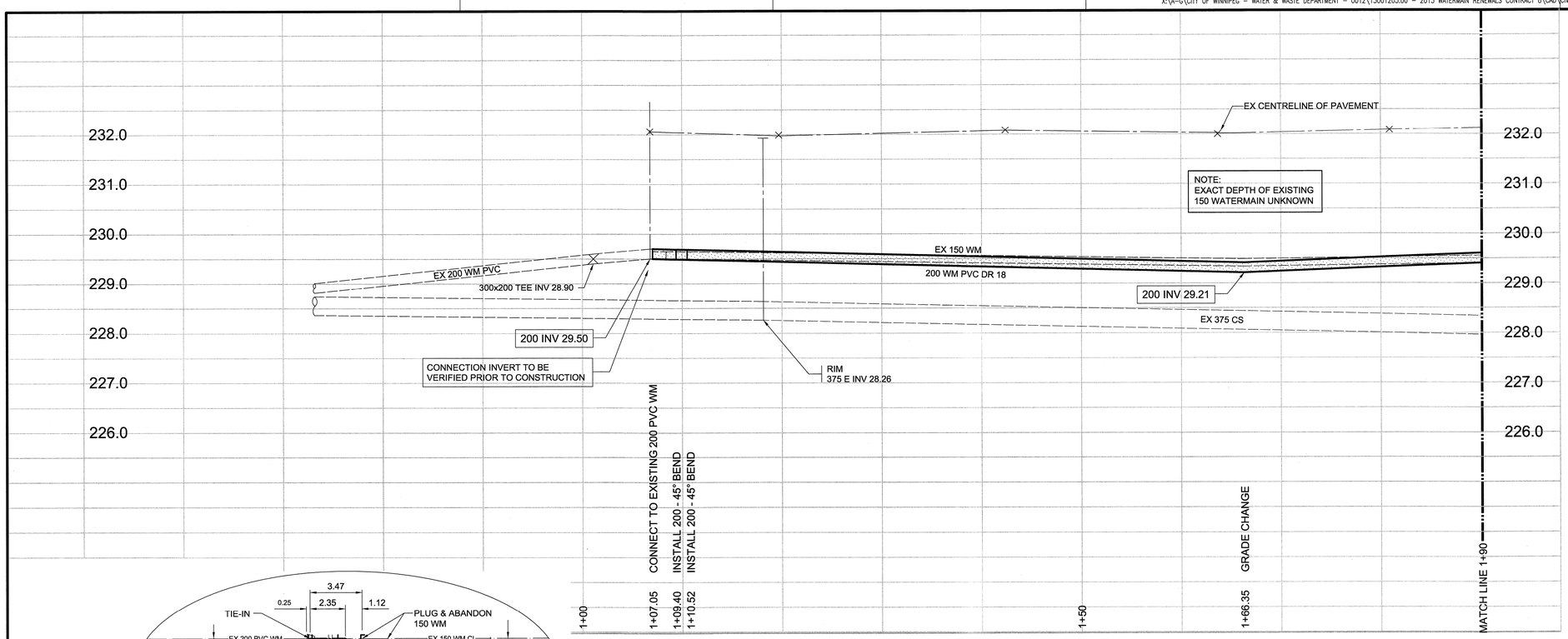
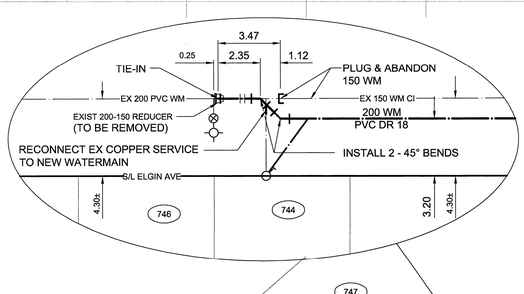




NOTE:
OFF-LINE RENEWAL.
ABANDON EXISTING PIPE

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

CONSTRUCTION NOTES:

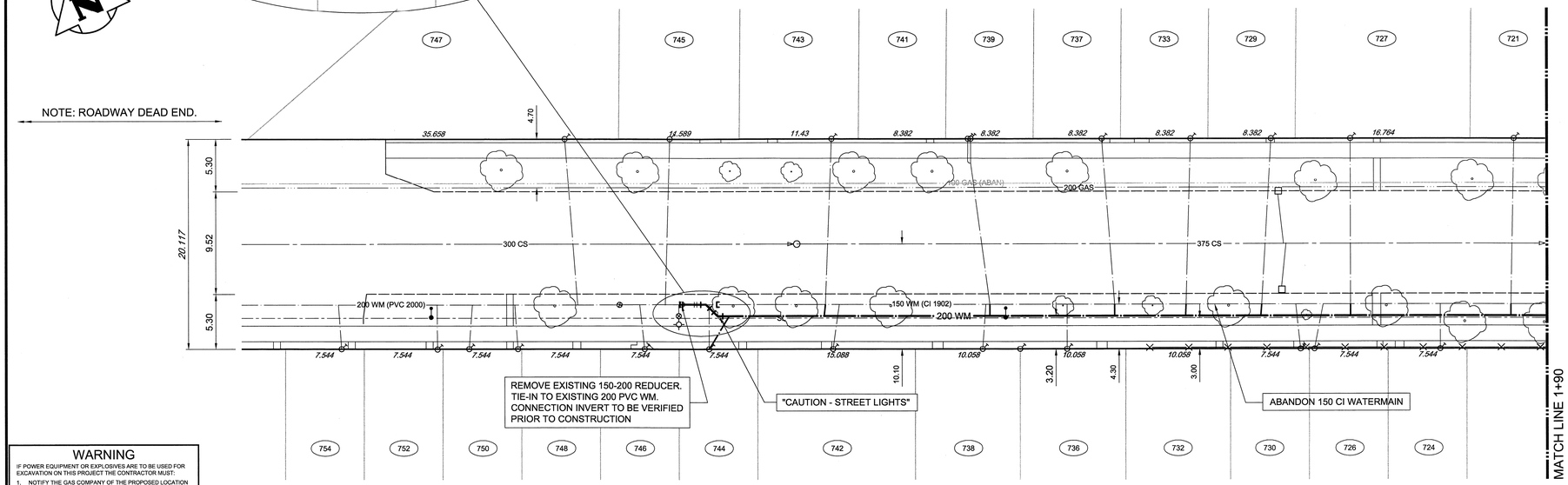
1. WATERMAIN TO HAVE 2.5m COVER FROM CENTRELINE OF ROAD.
2. ALL CURB REPLACEMENT TO MATCH EXISTING CURB.
3. ALL EXISTING WATERMAINS AT CONNECTION LOCATIONS ARE TO HAVE INVERTS VERIFIED PRIOR TO CONSTRUCTION.
4. INSTALL ALL HYDRANTS WITH FLANGE ELEVATION FROM 50mm TO 150mm ABOVE FINISHED GRADE.
5. SALVAGE 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 COUNTER CLOCKWISE TO CLOSE WITH RED 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 4+00 = WEST LIMIT OF SHERBROOK STREET.
2. CHAINAGE IS ALONG SOUTH LIMIT OF ELGIN AVENUE RIGHT-OF-WAY.

WATER CONNECTION DATA					
ADDRESS	SIZE & TYPE	DISTANCE TO PL	STOP COCK LOCATION SHORT / LONG	CORPORATION COCK LOCATION	COMMENTS
745 ELGIN AVE (RESIDENTIAL)	19 COPPER	0.3	2.9 WEL BLDG 4.8 WWL LANE	0.45 W OF S/C	-
744 ELGIN AVE (RESIDENTIAL)	19 COPPER	-	3.4 WEL BLDG -	OPP S/C	-
743 ELGIN AVE (RESIDENTIAL)	19 COPPER	0.3	1.8 WEL BLDG 215.5 EEL TECUMSEH	0.6 W OF S/C	-
742 ELGIN AVE (RESIDENTIAL)	19 COPPER	-	1.7 WEL BLDG 7.9 WE PL	0.6 E OF S/C	-
741 ELGIN AVE (RESIDENTIAL)	19 COPPER	-	1.7 EWL BLDG 2.1 EW PL	-	RENEW SERVICE
739 ELGIN AVE (RESIDENTIAL)	19 COPPER	-	1.7 EWL BLDG 2.1 EW PL	-	DBL WITH 341
738 ELGIN AVE (RESIDENTIAL)	19 COPPER	0.3	0.9 WEL BLDG 215.5 EEL TECUMSEH	0.3 E OF S/C	-
737 ELGIN AVE (RESIDENTIAL)	19 COPPER	0.3	0.3 WEL BLDG 229.5 EEL TECUMSEH	1.2 E OF S/C	-
736 ELGIN AVE (RESIDENTIAL)	19 COPPER	0.45	1.5 EWL BLDG	OPP S/C	-
733 ELGIN AVE (RESIDENTIAL)	19 COPPER	0.45	0.6 EEL BLDG 67.4 W OF 1ST HYD W OF SHERBROOK	0.46 W OF S/C	-
732 ELGIN AVE (RESIDENTIAL)	19 COPPER	-	2.7 WEL BLDG -	0.3 W OF S/C	-
730 ELGIN AVE (RESIDENTIAL)	19 COPPER	0.3	2.0 WEL BLDG 60.0 W OF 1ST HYD W OF SHERBROOK	0.46 W OF S/C	-
729 ELGIN AVE (RESIDENTIAL)	19 COPPER	0.3	1.8 WEL BLDG 227.1 WWL SHERBROOK	0.9 W OF S/C	-
727 ELGIN AVE (RESIDENTIAL)	19 COPPER	0.45	1.2 WEL BLDG 53.0 W OF 1ST HYD W OF SHERBROOK	OPP S/C	-
726 ELGIN AVE (RESIDENTIAL)	19 COPPER	-	0.5 EWL BLDG 7.5 WE PL	1.0 E OF S/C	-
724 ELGIN AVE (RESIDENTIAL)	19 COPPER	0.75	2.9 EWL BLDG 46.6 W OF 1ST HYD W OF SHERBROOK	OPP S/C	-
721 ELGIN AVE (RESIDENTIAL)	19 COPPER	0.3	1.8 WEL BLDG 202.7 WWL SHERBROOK	0.3 W OF S/C	-

NOTE: ROADWAY DEAD END.



SEE DRAWING C0008

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS. SEE PROVINCIAL REGULATION 140/92 FOR DETAILS.

ELGIN AVENUE

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

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	13.05.07	
00	ISSUED FOR APPROVAL	13.05.06	BLM

TETRA TECH

DESIGNED BY	GWC, SR	CHECKED BY	
DRAWN BY	GMD, NL	APPROVED BY	
HOR. SCALE:	1 : 250	RELEASED FOR CONSTRUCTION	
VERTICAL:	1 : 50		
DATE	2013.04 15	DATE	

PROVINCE OF MANITOBA — B. LEE McINTOSH — Member — 0582 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
1300120300-DWG-C0008

APEGM
Certificate of Authorization
TETRA TECH WEI Inc.
No. 5313 Date: April 30, 2014

BID OPPORTUNITY No. 371-2013

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2013 WATERMAIN RENEWALS - CONTRACT 8

ELGIN AVENUE
293m WEST OF SHERBROOK STREET TO
210m WEST OF SHERBROOK STREET

CITY DRAWING NUMBER
D-13229

SHEET 8 OF 10

C0008