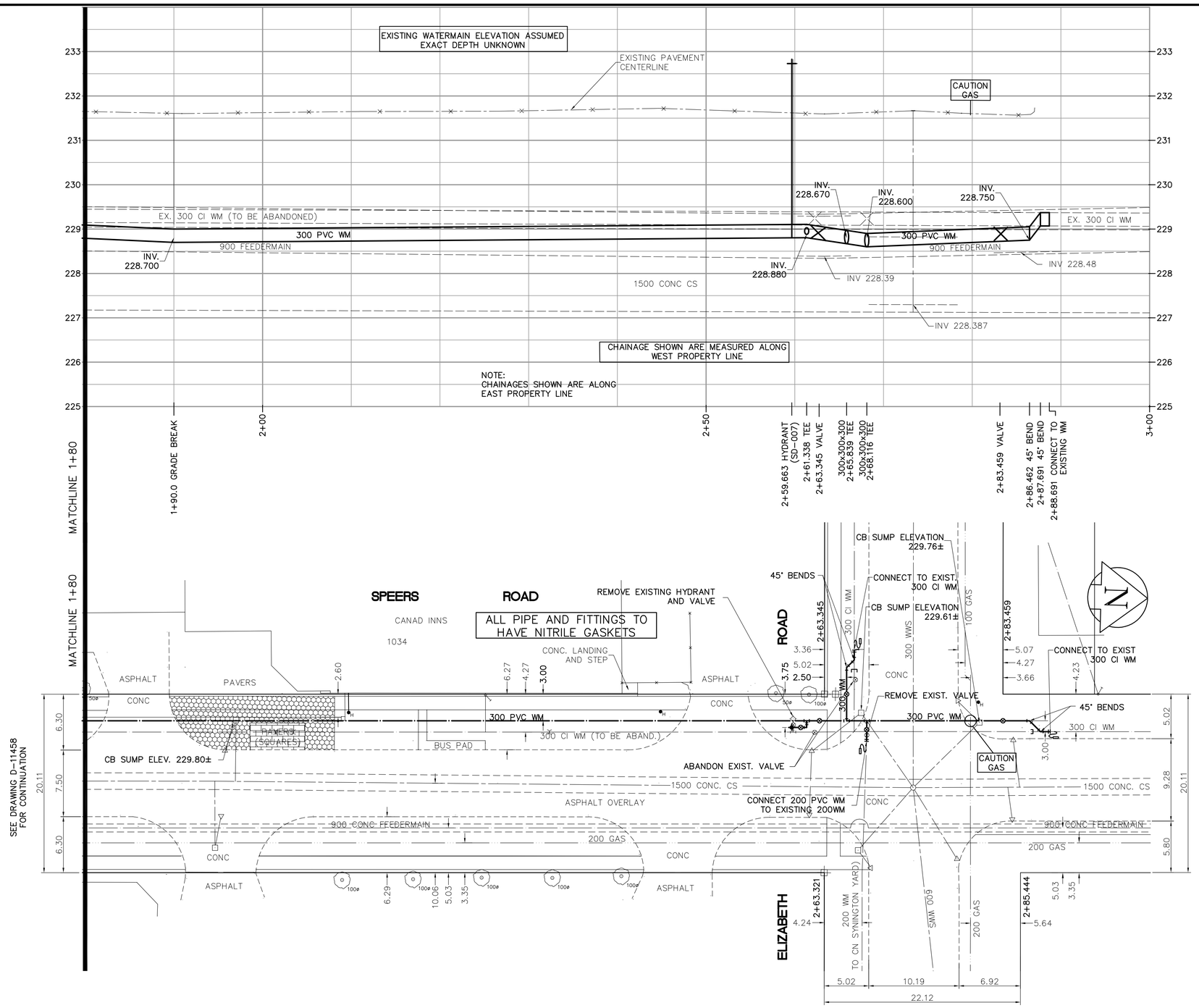

CONSTRUCTION NOTES

1. EXPOSE WATERMAIN CONNECTIONS AND CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. INSTALL WATERMAIN BY TRENCHLESS METHODS.
3. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
4. MINIMUM COVER TO TOP OF PROPOSED WATERMAIN SHALL BE 2.5m FROM STREET CENTERLINE.
5. INSTALL ALL HYDRANTS WITH FLANGE ELEVATION 50mm–150mm ABOVE FINISHED GRADE.
6. REPLACE ALL EXISTING LEAD SERVICES FROM THE PROPOSED WATERMAIN TO PROPERTY LINE.
7. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS, IN ADVANCE OF ANY WATER SHUTDOWN OR DISRUPTION OF SERVICE.
8. LOCATION OF WATER SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL WATER SERVICES PRIOR TO CONSTRUCTION.
9. ALL VALVES SHALL BE BLACK TOP (CLOCKWISE TO CLOSE).
10. BACKFILL UNDER OR WITHIN 1.0m OF PAVEMENTS, INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL EXCEPT AS NOTED. BACKFILL IN BOULEVARDS SHALL BE CLASS 5 BACKFILL.

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
0 10m 20m
SCALE

ADDRESS		NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY		POSITION OF SC (curb stop)					POSITION OF CC (corp)					COMMENTS:
1034	ELIZABETH RD	SUMMER SERVICE	50 mm	COPPER		BUILDING	Long:			of	S/C IN BOX	Long:			of		2" METER - FIRE LINE 20' OUT -L98 W OF
							Short:	1.8 m	S	of	HYDRANT	Short:	1.4 m	S	of	HYDRANT	HYDRANT 6' S OF CURBS. C IS 5' N OF SL
1034	ELIZABETH RD	SPRINKLER	0 mm		6.1 m	BUILDING	Long:	60.4 m	W	of	HYDRANT	Long:			of		
							Short:	1.8 m	S	of	CURB	Short:			of		
1034	ELIZABETH RD	COMMERCIAL	38 mm	COPPER	24.2 m	BUILDING	Long:	59.1 m	E	of	HYDRANT	Long:			of		1 1/2" WAER INSTALLED AUGUST 1983
							Short:	9.6 m	N	of	SL CORNER OF BUILDING	Short:			of		
1034	ELIZABETH RD	RESIDENTIAL	0 mm		0.3 m	BUILDING	Long:	34.1 m	S	of	HYDRANT	Long:			of		WATER REPAIR TO 6" SPRINKLER, 51" PVC
							Short:	15.5 m	S	of	NL HOUSE	Short:			of		REPLACED JULY 1999

EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO		150 mm W.M.	WATERMAIN	
	HYDRANT			TELEPHONE			HYDRANT	
	VALVE			CONCRETE			VALVE	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.		ASPHALT		300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.		PROPERTY LINE		250mm W.W.S.	WASTE WATER SEWER	250mm W.W.S.
	MANHOLE			SURVEY BAR			℄ PROFILE	
	CATCH BASIN			CURB STOP				
	CURB INLET		500ø	TREE				
	JUNCTIONS			ANODE				
	CULVERT			CONCRETE SIDEWALK				
	GAS			FENCE				

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. E. side of Howden Rd. N. of Humber Rd., 7blt. in S. conc. Foundation of Howden Elem. School, No. 150 Howden Rd. 1m E. and 0.2m below brick of SW cor. school, El. 232.587m.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	2008/07/03	GSK
A	ISSUED FOR REVIEW	2008/06/19	GSK

EARTH TECH
Earth Tech (Canada) Inc. Winnipeg, Manitoba 204.477.5381

DESIGNED BY	GSK, GDL	CHECKED BY	GSK
DRAWN BY	GDL	APPROVED BY	KWF
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:50		K. ZUREK
DATE	2008/06/19	DATE	2008/07/03

ENGINEER'S SEAL
PROVINCE OF MANITOBA
ORIGINAL SIGNED BY
K.W. FITCHETT
2008/07/03
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
104449–C09

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2008 WATERMAIN RENEWALS
CONTRACT 5

SHEET 9 OF 12

SPEERS ROAD
10m SOUTH OF BAUDOUX PL. TO ELIZABETH RD.
STA. 1+80 TO ELIZABETH RD.

CITY DRAWING NUMBER
D-11459