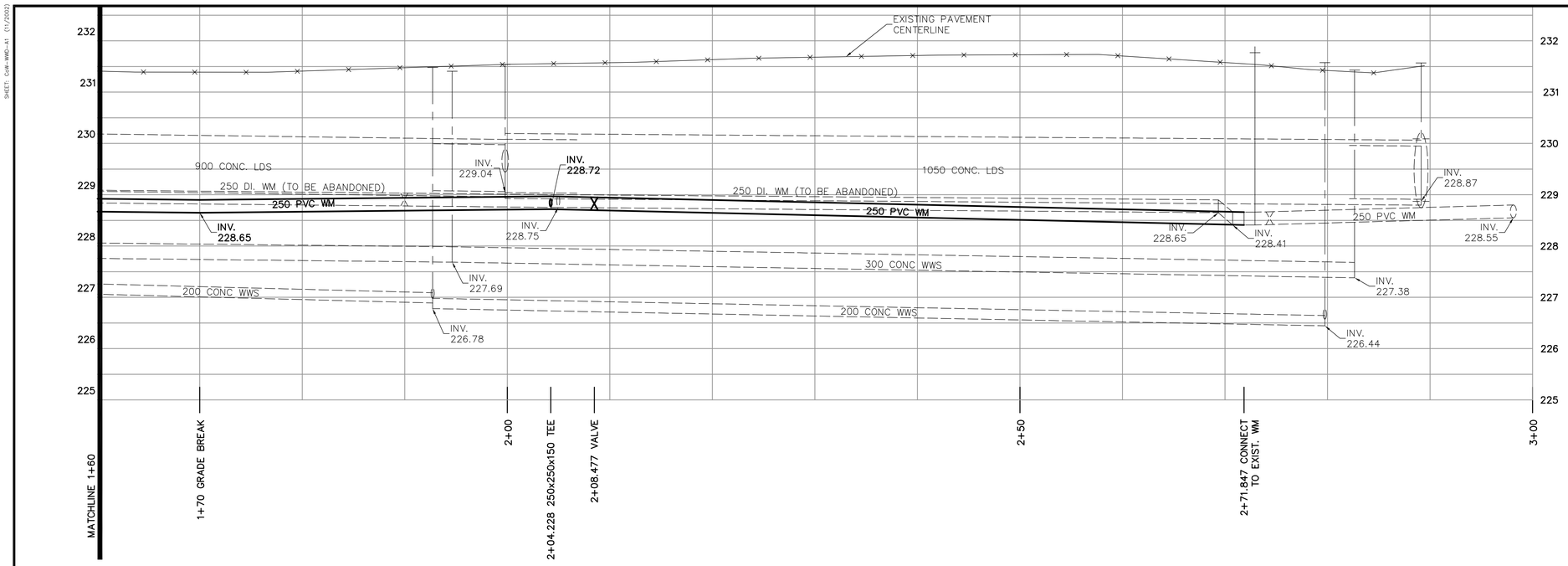
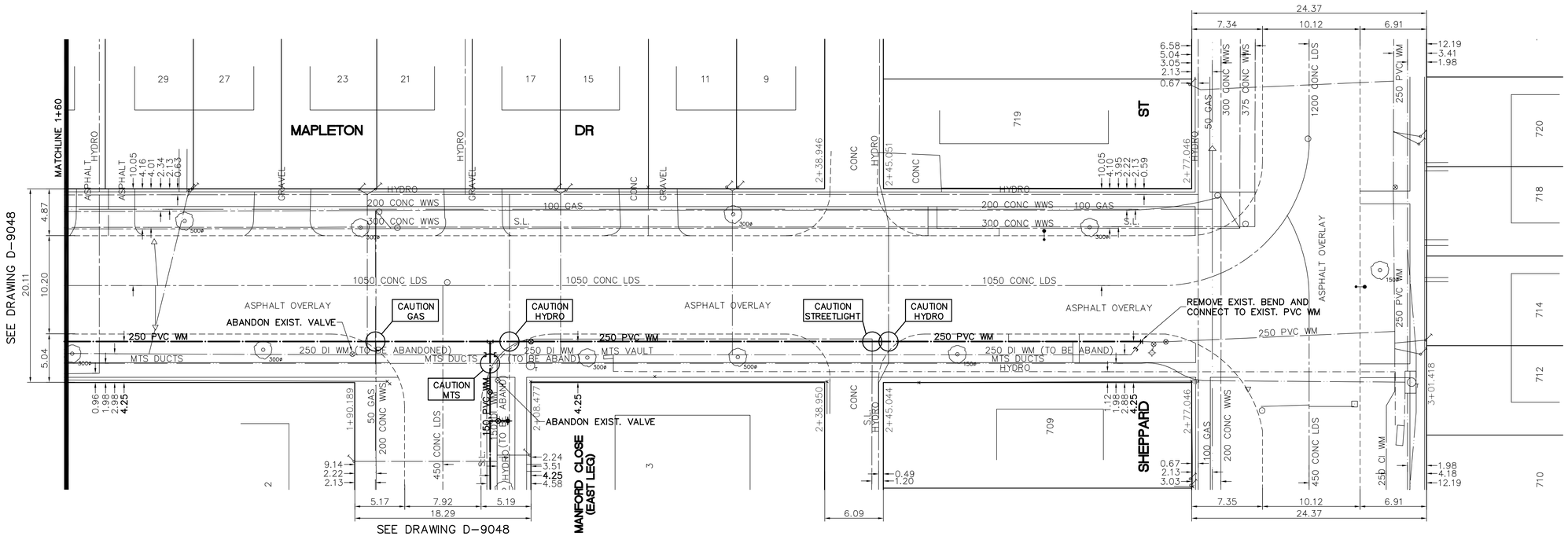


CONSTRUCTION NOTES

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.
11. CHAINAGE MEASURED ALONG SOUTH PROPERTY LINE.



ADDRESS		NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)					POSITION OF CC (corp)					COMMENTS:
9	MAPLETON DR	RESIDENTIAL	19 mm	COPPER	0.0 m	Long:	21.5 m E	of	EL	MANFORD	Long:			of		BRANCH SERV WITH 11
						Short:	5.8 m W	of	EL	BLDG	Short:			of	S/C	
11	MAPLETON DR	RESIDENTIAL	19 mm	COPPER	0.2 m	Long:	20.7 m E	of	EL	MANFORD	Long:			of		BRANCH SERV WITH 9
						Short:	5.2 m E	of	WL	BLDG	Short:			of	S/C	
15	MAPLETON DR	RESIDENTIAL	19 mm	COPPER	0.2 m	Long:	3.8 m E	of	EL	MANFORD	Long:			of		BRANCH SERV WITH 17
						Short:	5.5 m W	of	EL	BLDG	Short:			of	S/C	
17	MAPLETON DR	RESIDENTIAL	19 mm	COPPER	0.2 m	Long:	2.6 m E	of	EL	MANFORD	Long:			of		BRANCH SERV WITH 15
						Short:	6.8 m W	of	EL	BLDG	Short:			of	S/C	

ADDRESS		NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)					POSITION OF CC (corp)					COMMENTS:
21	MAPLETON DR	RESIDENTIAL	19 mm	COPPER	0.0 m	Long:	14.0 m W	of	EL	MANFORD	Long:			of		BRANCH SERV WITH 23
						Short:	6.0 m E	of	WL	BLDG	Short:			of	S/C	
23	MAPLETON DR	RESIDENTIAL	19 mm	COPPER	0.2 m	Long:	15.4 m W	of	EL	MANFORD	Long:			of		BRANCH SERV WITH 21
						Short:	4.9 m E	of	WL	BLDG	Short:			of	S/C	
27	MAPLETON DR	RESIDENTIAL	25 mm	COPPER	0.0 m	Long:		of			Long:			of		BRANCH SERV WITH 29 CONNECTED TO 10"X16"X2" CLAMP
						Short:	6.2 m W	of	EL	BLDG	Short:	2.7 m	W	of	S/C	
29	MAPLETON DR	RESIDENTIAL	25 mm	COPPER	0.0 m	Long:		of			Long:			of		BRANCH SERV WITH 27 CONNECTED TO 10"X16"X2" CLAMP
						Short:	6.7 m W	of	EL	BLDG	Short:	2.7 m	W	of	S/C	

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2007

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

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO		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
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	250mm W.W.S.	WASTE WATER SEWER
	MANHOLE		SURVEY BAR		℄ PROFILE
	CATCH BASIN		CURB STOP		
	CURB INLET		TREE		
	JUNCTIONS		ANODE		
	CULVERT		CONCRETE SIDEWALK		
	GAS		FENCE		
EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PLAN	PROPOSED / EXISTING / LEGEND – PROFILE / 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. 15–063 Sheppard St. & Mapleglen Dr., Tblt. on top of 0.05m sq. x 2.4m iron tube, 18.3m W. of E.L. of Sheppard St. & 14.9m S. of the N.L. Mapleglen DR.
ELEV. 231.740

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	16/06/2004	GSK
A	ISSUED FOR REVIEW	14/06/2006	GSK

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY
Earth Tech (Canada) Inc. Winnipeg, Manitoba 204.477.5381

DESIGNED BY	GDL, GSK	CHECKED BY	GSK
DRAWN BY	MAF	APPROVED BY	KWF
HOR. SCALE: 1:250 VERTICAL SCALE: 1:50		RELEASED FOR CONSTRUCTION BY:	K. ZUREK
DATE	04/05/2006	DATE	19/06/2006

ENGINEER'S SEAL
PROVINCE OF MANITOBA
ORIGINAL SIGNED BY K.W. FITCHETT 16/06/2006
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
92736–C21

THE CITY OF WINNIPEG
Winnipeg WATER AND WASTE DEPARTMENT

2006 WATERMAIN RENEWALS
CONTRACT 19

MAPLETON DRIVE
MADRILL CLOSE TO SHEPPARD STREET
STA. 1+60 TO SHEPPARD STREET

SHEET 13 OF 14

CITY DRAWING NUMBER
D-9049

SHEET: CW-WWD-A1 (1/2002)
FILE NAME: L:\work\92000\92736\023-CAD\Mun\conn\92736-C21.dwg
LAYOUT NAME: 92736-C21
PLOTTED BY: michael.frechette
Jun 16, 2006 – 4:48pm