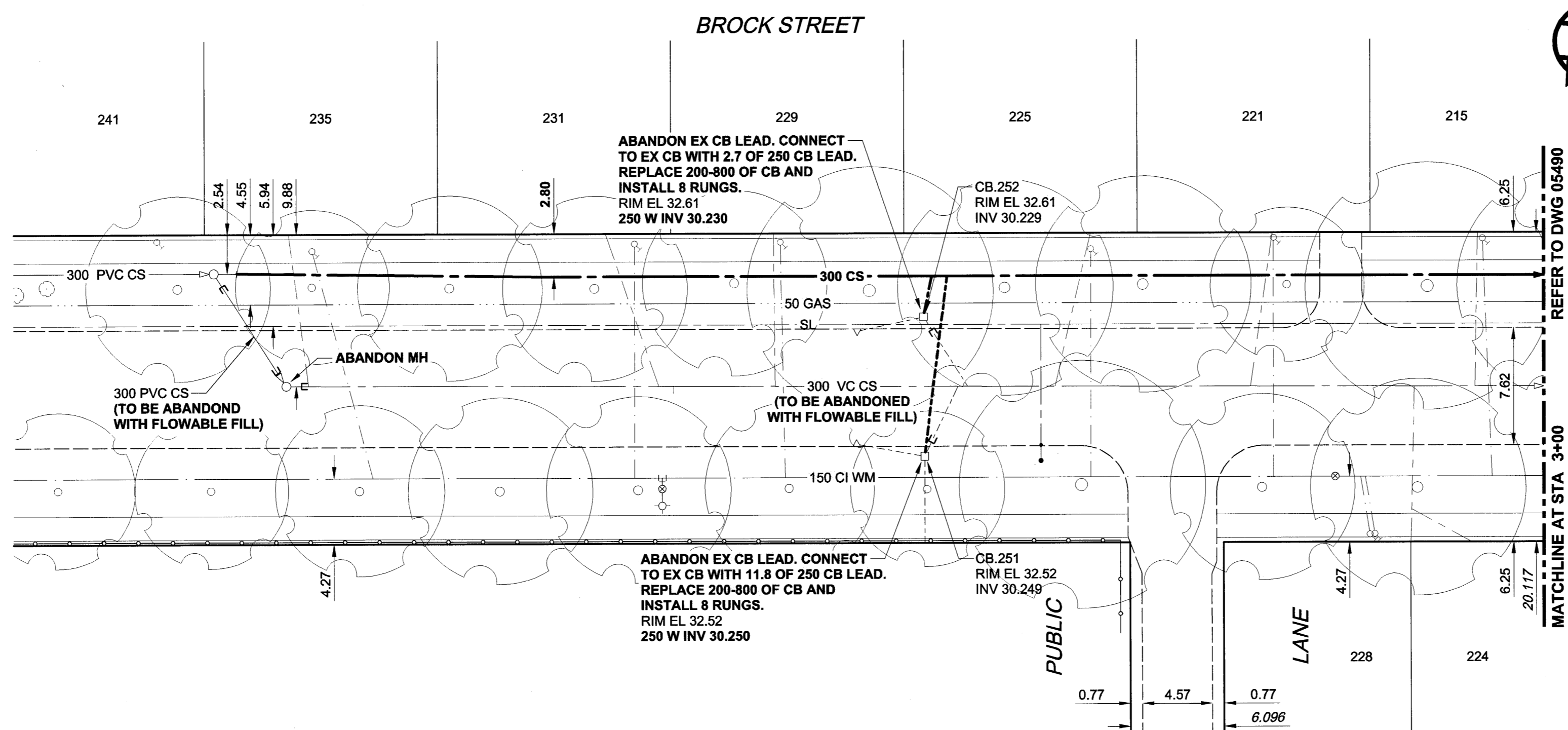
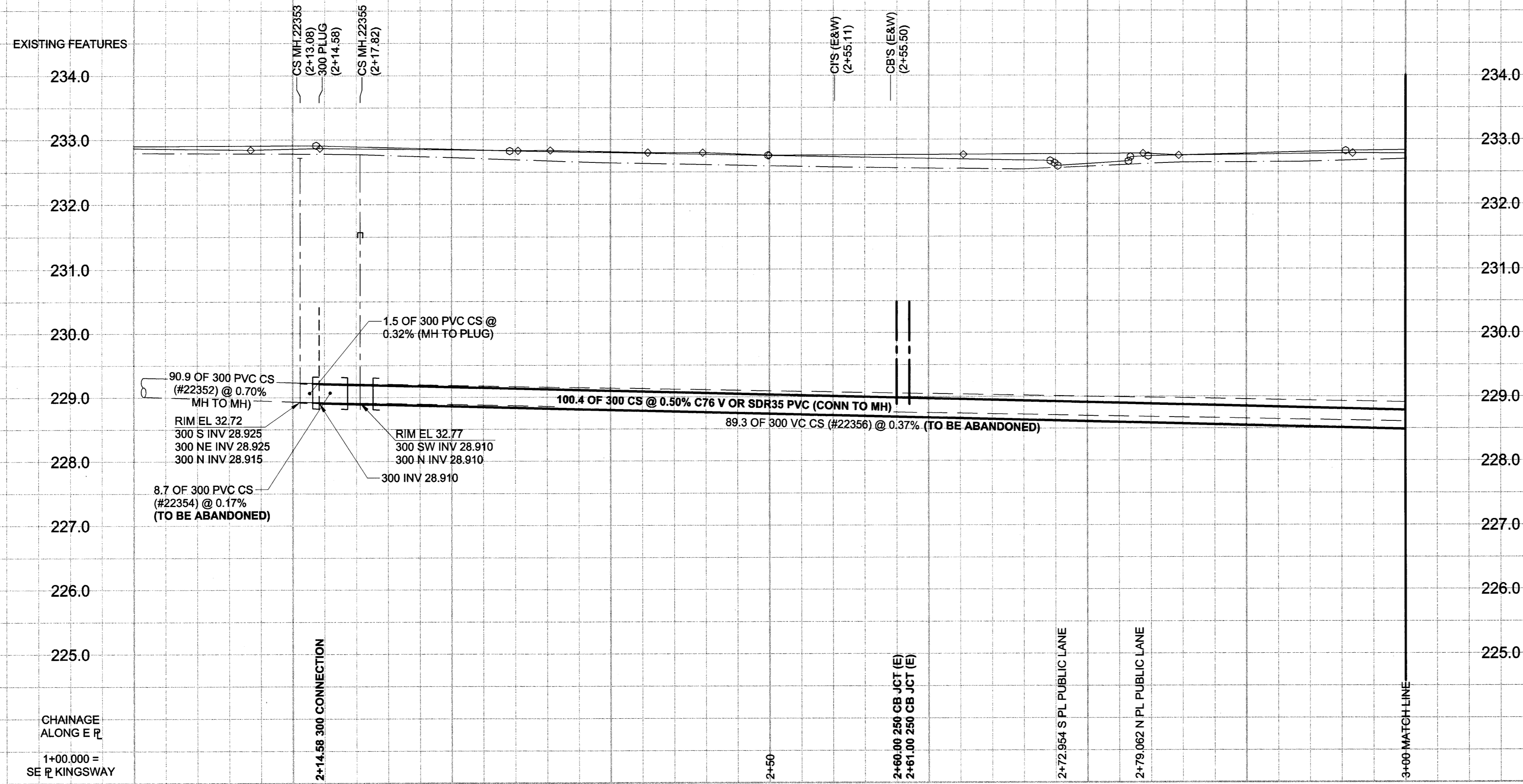


D SIZE 22" x 34" (56mm x 864mm)



WATER SERVICE INFORMATION

ADDRESS	DISTANCE	SIZE (mm)	SHORT & LONG PROPERTY & TYPE	CORPORATION LOCATION
215 BROOK (RESIDENTIAL)	0.39	13	7.33 NSL LOT	0.61 N OF SC
221 BROOK (RESIDENTIAL)	0.33	15	175.72 NSL KINGSWAY	OPP SC
224 BROOK (RESIDENTIAL)	0.54	19	162.06 NSL KINGSWAY	0.61 S OF SC
225 BROOK (RESIDENTIAL)	1.04	19	2.34 SSL LOT	0.61 S OF SC
228 BROOK (RESIDENTIAL)	4.00	19	168.68 NSL KINGSWAY	0.30 N OF SC
229 BROOK (RESIDENTIAL)	0.56	19	3.63 SSL LOT	0.30 N OF SC
231 BROOK (RESIDENTIAL)	0.65	19	150.13 NSL KINGSWAY	0.61 S OF SC
235 BROOK (RESIDENTIAL)	1.08	13	2.65 NSL LOT	0.61 S OF SC
			168.36 NSL KINGSWAY	0.30 N OF SC
			129.85 NSL KINGSWAY	0.30 N OF SC
			7.17 NSL LOT	0.30 N OF SC
			120.32 NSL KINGSWAY	0.30 N OF SC
			99.25 NSL KINGSWAY	0.30 N OF SC

SEWER SERVICE INFORMATION

ADDRESS	SIZE	PL TIE (SHORT/LONG)	JUNCTION TIE	REMARKS
215 BROOK	7.01	NSL LOT	11.58 S OF 2ND MH S OF ACADEMY	
221 BROOK	6.40	NSL LOT	26.25 S OF 2ND MH S OF ACADEMY	
224 BROOK	4.00	NSL LOT	15.54 S OF 2ND MH S OF ACADEMY	DBLE WITH 228
225 BROOK	150	NSL LOT	39.01 S OF 2ND MH S OF ACADEMY	
228 BROOK	12.24	NSL LOT	15.54 S OF 2ND MH S OF ACADEMY	DBLE WITH 224
229 BROOK	6.71	NSL LOT	57.30 S OF 2ND MH S OF ACADEMY	
231 BROOK	4.27	NSL LOT	64.92 S OF 2ND MH S OF ACADEMY	
235 BROOK	5.49	NSL LOT	87.78 S OF 2ND MH S OF ACADEMY	

- CONSTRUCTION NOTES:**
- INSTALL NEW SEWER BY TRENCHLESS METHODS.
 - RENEW BUILDING CONNECTIONS TO PROPERTY LINE.
 - ALL SEWER AND WATER SERVICES TO BE LOCATED IN THE FIELD BY THE CONTRACTOR.
 - SEWERS AND CB LEADS TO BE ABANDONED SHALL BE FILLED WITH CEMENT-STABILIZED FLOWABLE FILL.

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

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW
150 mm WM	WATERMAIN	150 mm WM	CURB STOP	150 mm WM	WATERMAIN	150 mm WM	WATERMAIN	150 mm WM
Hydrant	HYDRANT	Valve	REDUCER	300 mm LDS	LAND DRAINAGE SEWER	300 mm LDS	LAND DRAINAGE SEWER	300 mm LDS
300 mm LDS	LAND DRAINAGE SEWER	250 mm WWS	COUPLING	250 mm WWS	WASTE WATER SEWER	250 mm WWS	WASTE WATER SEWER	250 mm WWS
Manhole	MANHOLE	Catch Basin	HYDRO	PAVEMENT CROWN	PAVEMENT CROWN	Northwest P	PAVEMENT CROWN	Northwest P
Curb Inlet	CURB INLET	Culvert	MTS	Southwest P	PAVEMENT CROWN	Southwest P	PAVEMENT CROWN	Southwest P
Pipe Abandonments	PIPE ABANDONMENTS	Survey Bar	GAS	ASPHALT	ASPHALT	CONCRETE	CONCRETE	CONCRETE
			ASPHALT	CONCRETE	CONCRETE	LAMP STANDARD	LAMP STANDARD	LAMP STANDARD
			CONCRETE	LAMP STANDARD	LAMP STANDARD	TREE	TREE	TREE
			LAMP STANDARD	TREE	TREE			

LOCATION APPROVED
 UNDERGROUND STRUCTURES
 SUPR. U/G STRUCTURES DATE COMMITTEE
 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.

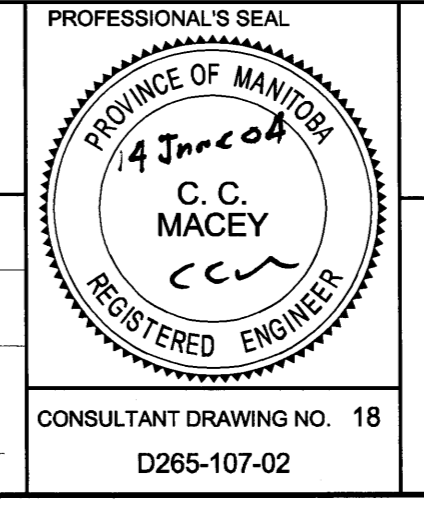
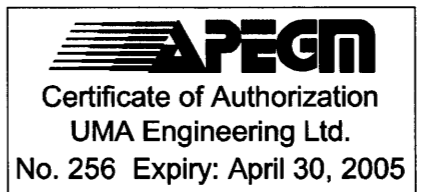
BM 51-037	N.W. Cor. Kingsway & Queenston St. Brass Plug	04/06/14	ADL
ELEV 232.446m	in 12.8m Conc. pile, 2.5m S. of N.L. Kingsway & 2.5m E. of W.L. Queenston St.	YY/MM/DD	BY
0	ISSUED FOR CONSTRUCTION		
NO.	REVISIONS		

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

www.umagroup.com

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DESIGNED BY	FMI	CHECKED BY	ALD
DRAWN BY	ADL	APPROVED BY	CCW
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERT. SCALE	1:50	DATE	June 2/2014



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

2004 COMBINED SEWER RENEWALS
 CONTRACT 13
 SEWER REPAIRS AND REPLACEMENTS
 BROCK STREET
 80m N OF KINGSWAY
 TO 187m S OF ACADEMY ROAD

SHEET 18 OF 19
 CITY DRAWING NUMBER
05489
 REV 0

BID OPPORTUNITY NO. 271-2004

CONSULTANT DRAWING NO. 18
 D265-107-02

UMA FILE NAME: D265-107-02_13-C-10-18_RX.DWG 2004-06-14 07:43am ADL