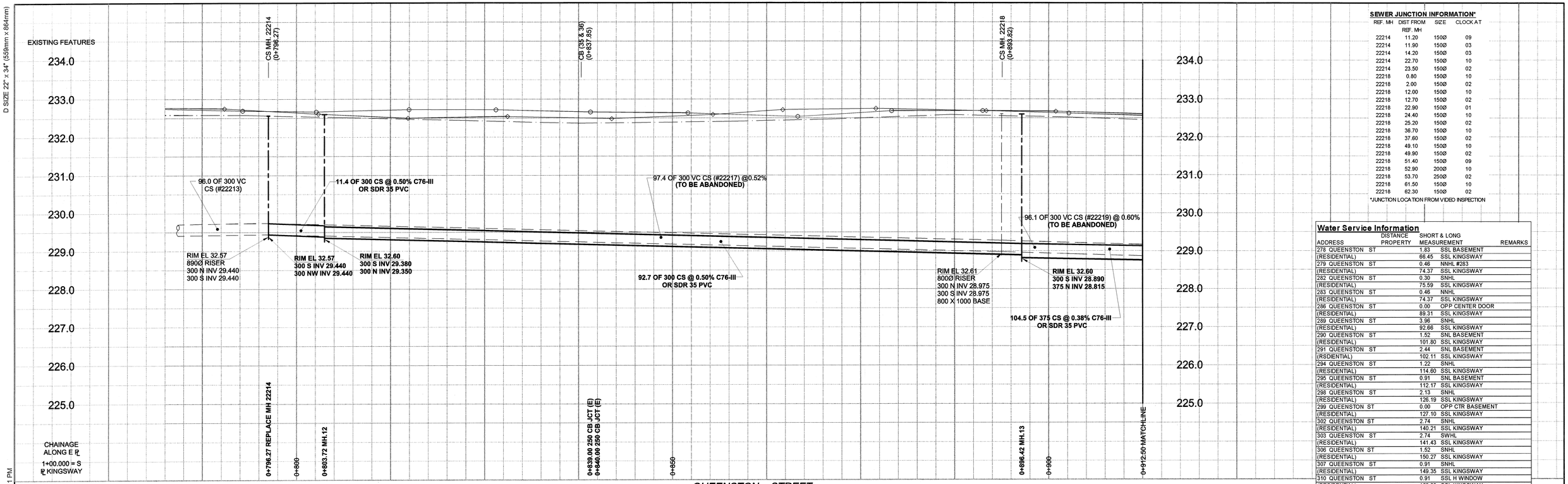
D SIZE 22" x 34" (559mm x 864mm)
PLOT: 05/10/14 4:44:11 PM
UMA FILE NAME: D265-195-03_02-C-0020_RX.dwg Saved By: kberard



SEWER JUNCTION INFORMATION*

REF. MH	DIST FROM REF. MH	SIZE	CLOCK AT
22214	11.20	150Ø	09
22214	11.90	150Ø	03
22214	14.20	150Ø	03
22214	22.70	150Ø	10
22214	23.50	150Ø	02
22218	0.80	150Ø	10
22218	2.00	150Ø	02
22218	12.00	150Ø	10
22218	12.70	150Ø	02
22218	22.90	150Ø	01
22218	24.40	150Ø	10
22218	25.20	150Ø	02
22218	36.70	150Ø	10
22218	37.60	150Ø	02
22218	49.10	150Ø	10
22218	49.90	150Ø	02
22218	51.40	150Ø	09
22218	52.90	200Ø	10
22218	53.70	250Ø	02
22218	61.50	150Ø	10
22218	62.30	150Ø	02

*JUNCTION LOCATION FROM VIDEO INSPECTION

Water Service Information

ADDRESS	DISTANCE PROPERTY	SHORT & LONG MEASUREMENT	REMARKS
278 QUEENSTON ST		1.83	SSL BASEMENT
(RESIDENTIAL)		66.45	SSL KINGSWAY
279 QUEENSTON ST		0.46	NNHL #283
(RESIDENTIAL)		74.37	SSL KINGSWAY
282 QUEENSTON ST		0.30	SNHL
(RESIDENTIAL)		75.59	SSL KINGSWAY
283 QUEENSTON ST		0.46	NNHL
(RESIDENTIAL)		74.37	SSL KINGSWAY
286 QUEENSTON ST		0.00	OPP CENTER DOOR
(RESIDENTIAL)		89.31	SSL KINGSWAY
289 QUEENSTON ST		3.96	SNHL
(RESIDENTIAL)		92.66	SSL KINGSWAY
290 QUEENSTON ST		1.52	SNL BASEMENT
(RESIDENTIAL)		101.80	SSL KINGSWAY
291 QUEENSTON ST		2.44	SNL BASEMENT
(RSDIENTIAL)		102.11	SSL KINGSWAY
294 QUEENSTON ST		1.22	SNHL
(RESIDENTIAL)		114.60	SSL KINGSWAY
295 QUEENSTON ST		0.91	SNL BASEMENT
(RESIDENTIAL)		112.17	SSL KINGSWAY
298 QUEENSTON ST		2.13	SNHL
(RESIDENTIAL)		126.19	SSL KINGSWAY
299 QUEENSTON ST		0.00	OPP CTR BASEMENT
(RESIDENTIAL)		127.10	SSL KINGSWAY
302 QUEENSTON ST		2.74	SNHL
(RESIDENTIAL)		140.21	SSL KINGSWAY
303 QUEENSTON ST		2.74	SWHL
(RESIDENTIAL)		141.43	SSL KINGSWAY
306 QUEENSTON ST		1.52	SNHL
(RESIDENTIAL)		150.27	SSL KINGSWAY
307 QUEENSTON ST		0.91	SNHL
(RESIDENTIAL)		149.35	SSL KINGSWAY
310 QUEENSTON ST		0.91	SSL H WINDOW
(RESIDENTIAL)		165.20	SSL KINGSWAY
311 QUEENSTON ST		2.13	SNHL
(RESIDENTIAL)		161.85	SSL KINGSWAY
314 QUEENSTON ST		0.00	OPP CTR BASEMENT
(RESIDENTIAL)		174.35	SSL KINGSWAY
315 QUEENSTON ST		3.35	SNHL
(RESIDENTIAL)			
318 QUEENSTON ST		2.74	NSHL
(RESIDENTIAL)		190.50	SSL KINGSWAY
319 QUEENSTON ST		1.83	NSHL
(RESIDENTIAL)		173.13	NNL GROSVENOR

SEWER SERVICE INFORMATION

ADDRESS	PL TIE (SHORT/LONG)		JUNCTION TIE		REMARKS
279 QUEENSTON ST	10.06	NSPL	85.80	S OF MH AT KINGSWAY	
282 QUEENSTON ST	1.22	SNPL	84.12	S OF MH AT KINGSWAY	
283 QUEENSTON ST					SEE #279
286 QUEENSTON ST	2.13	SNPL	1.52	S OF 1ST MH S OF KINGSWAY	
289 QUEENSTON ST	4.88	SNPL	2.29	S OF 1ST MH S OF KINGSWAY	
290 QUEENSTON ST	2.59	SNPL	12.34	S OF 1ST MH S OF KINGSWAY	
291 QUEENSTON ST	3.05	SNPL	13.11	S OF 1ST MH S OF KINGSWAY	
294 QUEENSTON ST	3.05	SNPL	24.84	S OF 1ST MH S OF KINGSWAY	
295 QUEENSTON ST	9.45	NSPL	25.60	S OF 1ST MH S OF KINGSWAY	
298 QUEENSTON ST	2.44	SNPL	36.73	S OF 1ST MH S OF KINGSWAY	
299 QUEENSTON ST	4.88	SNPL	37.95	S OF 1ST MH S OF KINGSWAY	
302 QUEENSTON ST	3.96	SNPL	49.38	S OF 1ST MH S OF KINGSWAY	
303 QUEENSTON ST	3.81	SNPL	50.44	S OF 1ST MH S OF KINGSWAY	
306 QUEENSTON ST	2.13	SNPL	61.72	S OF 1ST MH S OF KINGSWAY	
307 QUEENSTON ST	1.83	SNPL	62.48	S OF 1ST MH S OF KINGSWAY	
310 QUEENSTON ST	7.62	NSPL	74.07	S OF 1ST MH S OF KINGSWAY	
311 QUEENSTON ST	3.05	SNPL	74.83	S OF 1ST MH S OF KINGSWAY	
314 QUEENSTON ST	3.66	SNPL	85.80	S OF 1ST MH S OF KINGSWAY	
315 QUEENSTON ST	3.05	SNPL	86.56	S OF 1ST MH S OF KINGSWAY	
318 QUEENSTON ST	7.32	SNPL	85.04	N OF 1ST MH N OF GROSVENOR	
319 QUEENSTON ST	2.29	NSPL	85.65	N OF 1ST MH N OF GROSVENOR	

CONSTRCUTION NOTES

1. INSTALL NEW SEWER BY TRENCHLESS METHODS.
2. RENEW BUILDING CONNECTIONS TO PROPERTY LINE.
3. ALL SEWER & WATER SERVICES TO LOCATED IN THE FIELD BY THE CONTRACTOR.
4. SEWERS AND CB LEADS TO BE ABANDONED SHALL BE FILLED WITH CEMENT STABILIZED FLOWBLE FILL.

BID OPPORTUNITY NO. 598-2005

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

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm WM	WATERMAIN	150 mm WM		CURB STOP		150 mm WM	WATERMAIN	150 mm WM
	HYDRANT			REDUCER			HYDRANT	
	VALVE			COUPLING			VALVE	
300 mm LDS	LAND DRAINAGE SEWER	300 mm LDS		ANODE		300 mm LDS	LAND DRAINAGE SEWER	300 mm LDS
250 mm WWS	WASTE WATER SEWER	250 mm WWS		HYDRO		250 mm WWS	WASTE WATER SEWER	250 mm WWS
	MANHOLE			MTS			PAVEMENT CROWN	
	CATCH BASIN			GAS			N/W PROPERTY LINE	
	CURB INLET			TESTHOLE			S/E PROPERTY LINE	
	CULVERT			LAMP STANDARD			N/W GUTTER	
	PIPE ABANDONMENTS			TREE			S/E GUTTER	
	SURVEY BAR							
EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR, 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.

BM 51-037 — N.W. Cor. Kingsway & Queenston St., Brass plug in 12.8 m Conc. Pile,
ELEV 232.446m — 2.5 m S. of N.I. Kingsway & 2.5 m E. of W.I. Queenston St.

NO.	REVISIONS	YY/MM/DD	BY
0	ISSUED FOR CONSTRUCTION	05/10/14	KMB

APEGM
Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2006

UMA | AECOM

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DESIGNED BY	MJR	CHECKED BY	
DRAWN BY	KMB	APPROVED BY	
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERT. SCALE	1:50		
DATE	05/10/14	DATE	Oct 14, 2005

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
A. NAGY
Oct 14, 2005
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 20
D265-195-03

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2005 COMBINED SEWER RENEWALS BY EXTERNAL POINT REPAIRS AND REPLACEMENTS CONTRACT 17

QUEENSTON STREET
2ND MH S OF KINGSWAY
TO 1ST MH S OF KINGSWAY

SHEET 20 OF 21
CITY DRAWING NUMBER 05686
REV 0