			KENASTON BOULEVARD	SB		
	2+440.000	2+480.000 TURN LANE EI		KENASTON BOULEVARD SB CONTROL LINE -		
	234.198 2+440.000 0.12% 234.058 -0 18%	234.124 2+480.000 234.036	2+545.000 234.122		0.13%	
	0.12%		0.00%		0.13%	
	234.0 <sub>0.12%</sub> -0.05%					234.0
	2+440.000 2+46					
	2.110.000	398	ANE EDGE	TOP OF BACK SLOPE		
	233.891			0.14%	<u></u>	
						233.0
						·
	EXIST.	GROUND -	0.15%			
	2+450	2+500	2+550	2+600	2+650	
			KENASTON BOULEVARD			
			KENASTON BOULEVARD NB CON			
	2+440.000 234.058	2+480.000 234.036			0.13%	
	0.12% 234.0 <sub>0.12</sub> % -0.05%					234.0
	0.12% 0.20% 2+440.000 0.03%	0.22%	2+547.300 233.390 EAST LA	ANE EDGEMEDIAN SWA	ALE	
	233.910 ACCEL L	ANE EDGE 233.888 	2+515.000 233.935			
	2+440.000 2+440.000 233.844	2+480.000 233.858			0.16%	233.650
430	233.593 2+435.000 233.0 233.834					
A: 2+				TOP OF BACK SLOPE		233.0 <b>2</b> 33.0
AT ST	2+430.000 232.877		EAST DITCH		EXIST. GROUND	A ST
N N L				0.15%		
АТСН			450mm Ø C.S.P.			ATCH
Σ	232.0 2+450	2+500	STA.: 2+547.300	2+600	2+650	232.0-
						35.400
		KENASTON BOULEVARD SB	OF WAVERLEY CONTROL LINE	TOP OF BERM	1	
	(32.990)		7+100		7+200	
	32.877					
			ON BOULEVARD SB CONTROL LINE			<u>_</u>
	<u></u>	33.888				
				$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
		34.124		9 CULVERT FROST TREATMENT		
		TURN LANE EDGE	ROUTED STONE RIP-RAP 1 CP4		- KENASTON BOULEVARD NB CONTROL LINE	- (33,650)
	33 593					₹ ₹
			(TYP.)			
		34.036 2+500 33.888 33.858 EAST LANE EDGE	(TYP.) (TYP.)	2+600		
	33.910 33.834 33.834 33.844 33.844 33.844 33.844 33.844 33.844 33.844 33.844 33.844 33.844	$ \begin{array}{c}             34.036 \\                                    $	(TYP.) (TYP.) (TYP.) (TYP.) (TYP.) (NSTALL 450mm Ø x 28.8m 2.7 GUAGE C.S.P. CULVERT			
		34.036 2+500 33.888 33.858 EAST LANE EDGE ACCEL LANE EDGE	(TYP.) (TYP.)	2+600		
	33.910 33.834 33.834 33.844 33.844 33.844 33.844 33.844 33.844 33.844 33.844 33.844 33.844	34.036 2+500 33.888 33.858 EAST LANE EDGE ACCEL LANE EDGE 750 FEEDERMAIN CAUTION	(TYP.) (TYP.)	2+600 5 CSP CULVERT 15 BEVELLED END		CAUTION
	33.910 33.834 33.844 33.844	34.036 2+500 33.888 33.858 EAST LANE EDGE ACCEL LANE EDGE 750 FEEDERMAIN CAUTION	(TYP.) (TYP.)	2+600 5 CSP CULVERT 15 BEVELLED END FRENCH DRAIN 7 PLACED EVERY 50M 8 16	EAST LANE EDGE	CAUTION
150 WM	33.910 33.834 33.834 33.834 33.844	34.036 2+500 33.888 33.858 EAST LANE EDGE ACCEL LANE EDGE 750 FEEDERMAIN CAUTION KENASTON BOULEVARD NB	(TYP.) (TYP.)	2+600 5 CSP CULVERT 15 BEVELLED END FRENCH DRAIN PLACED EVERY 50M (TYP.) 8 16	EAST LANE EDGE	<u>CAUTION</u>
<u>—150. ₩M WATERMAIN 150. ₩M</u> <u>↓ HYDRANT</u> <u>↓</u>	33.050         33.050         33.010         33.010         33.010         33.010         33.010         33.010         33.010         33.010         33.010         33.010         Second State         Second State	34.036       2+500         33.888       33.858         EAST LANE EDGE       2         ACCEL LANE EDGE       2         750 FEEDERMAIN       2         CAUTION       2         KENASTON BOULEVARD NB       2         MTS       150 mm W.M.       WATERMAIN         MTS       150 mm W.M.       HYDRANT	(TYP.) (TYP.)	2+600 5 CSP CULVERT 15 BEVELLED END FRENCH DRAIN PLACED EVERY 50M (TYP.) B.M. 654008 N: 5515764.610 E: 633359.697	EAST LANE EDGE	CAUTION
-\$- HYDRANT ♦ VALVE 300 LDS LAND DRAINAGE SEWER 300 LDS	34.058	34.036       2+500         33.888       2+500         Basel       33.858         EAST LANE EDGE       EAST LANE EDGE         ACCEL LANE EDGE       EAST LANE EDGE         750 FEEDERMAIN       CAUTION         KENASTON BOULEVARD NB         MTS       150 mm W.M.         WATERMAIN         WATERMAIN         VALVE         VALVE         300 mm L.D.S.	(TYP.) -(33.935 -(33.935 -(33.935) INSTALL 450mm Ø x 28.8m 2.7 GUAGE C.S.P. CULVERT W. INV = 232.500 E. INV = 232.441 (TYP.) SFUED RIP-RAP (TYP.) (	2+600 5 CSP CULVERT 15 BEVELLED END FRENCH DRAIN PLACED EVERY 50M (TYP.) 8 16 B.M. 654008 N: 5515764.610 E: 633359.697 ELEV. 232.463 m	EAST LANE EDGE - TOP OF BACKSLOPE - 5+200 750 FEEDERMAIN (BY OTHERS) DESIGNED BY MRD DRAWN BY PMW CHECKED	ENGINEER'S SEAL
- ↔ HYDRANT ⊗ VALVE 300 LDS LAND DRAINAGE SEWER 300 LDS	34.058       -         33.910       -         33.834       33.844         33.834       -         5+000       -         EAST MULTI-USE PATH NORTH _/         OF WAVERLEY CONTROL LINE         33.400         MTS       M.T.S.         CONCRETE         ASPHALT         PLANING         SIDEWALK	34.036       2+500         33.888       33.858         EAST LANE EDGE       ACCEL LANE EDGE         ACCEL LANE EDGE       ACCEL LANE EDGE         CAUTION       CAUTION         KENASTON BOULEVARD NB         MTS       150 mm W.M.         WATERMAIN	(TYP.) -(33.935 -(33.935 -(33.935) -(33.935) -(33.935) -(33.935) -(33.935) -(33.935) -(14)	2+600 5 CSP CULVERT 15 BEVELLED END FRENCH DRAIN PLACED EVERY 50M (TYP.) 8 16 B.M. 654008 N: 5515764.610 E: 633359.697 ELEV. 232.463 m	EAST LANE EDGE       EAST LANE EDGE       TOP OF BACKSLOPE       5+200       750 FEEDERMAIN (BY OTHERS)       DESIGNED       BY       MRD       DRAWN       BY       PMW       CHECKED       BY       DBW       DDESIGNED       BY       DRAWN       BY       DBW	ENGINEER'S SEAL ENGINEER'S SEAL ORIGINAL STAMPED BY M.R. DOUCET 2013-04-05 Member
·     ·     ·       ⊗     VALVE     ⊗      300 LDS     LAND DRAINAGE SEWER    300 LDS      250 wws     WASTE WATER SEWER        O     MANHOLE     ●	33.930         33.910         33.834	34.036       2+500         33.888       33.858         EAST LANE EDGE       ACCEL LANE EDGE         ACCEL LANE EDGE       ACCEL LANE EDGE         T50 FEEDERMAIN       CAUTION         KENASTON BOULEVARD NB         MIS       150 mm W.M.         WATERMAIN         YALVE         ZZZZZZZ       300 mm LD.S.         LAND DRAINAGE         Z50 mm W.W.S.       WASTE WATER S         YALVE       250 mm W.W.S.         WASTE WATER S       Q PROFILE         NORTH/WEST G       NORTH/WEST G          SOUTH/EAST G	(TYP.) -(33.935 -(33.935 -(33.935) -(33.935) -(33.935) -(33.935) -(33.935) -(33.935) -(14)	2+600         5       CSP CULVERT         15       BEVELLED END         15       BEVELLED END         1       1         FRENCH DRAIN       7         PLACED EVERY 50M       8         16       16         ES       B.M. 654008 N: 5515764.610 E: 633359.697         ELEV. 232.463 m       10	EAST LANE EDGE EAST LANE EDGE TOP OF BACKSLOPE 5+200 750 FEEDERMAIN (BY OTHERS)	ENGINEER'S SEAL ENGINEER'S SEAL ORIGINAL STAMPED BY M.R. DOUCET 2013-04-05 Member
↓       HYDRANT         ⊗       VALVE       ⊗         300 LDS       LAND DRAINAGE SEWER       300 LDS         250 WWS       WASTE WATER SEWER       250 WWS         O       MANHOLE       ●         □       CATCH BASIN       ■         ▽       CURB INLET       ▼         ●       TEST HOLES	33.058       →         33.834       33.844         33.834       33.844         33.834       33.844         5+000       EAST MULTI-USE PATH NORTH _/ OF WAVERLEY CONTROL LINE         33.400       OF WAVERLEY CONTROL LINE         MTS       M.T.S.         CONCRETE       ASPHALT         PLANING       SIDEWALK         PAVING STONES       PROPERTY LINE         PROPERTY LINE       SURVEY BAR         CURB RAMP       OITCH         SWALE       SWALE	34.036       2+500         33.888       33.858         EAST LANE EDGE       ACCEL LANE EDGE         ACCEL LANE EDGE       ACCEL LANE EDGE         CAUTION       CAUTION         KENASTON BOULEVARD NB         MTS       150 mm W.M.         WATERMAIN         CAUTION         KENASTON BOULEVARD NB         MTS       150 mm W.M.         WATERMAIN         CAUTION         VALVE         ZZZZZZ       300 mm LD.S.         LAND DRAINAGE         ZSS          Q PROFILE         NORTH/WEST G          SOUTH/EAST G	(TYP.) (TYP.) (TYP.) (TYP.) (INSTALL 450mm Ø x 28.8m 2.7 GUAGE C.S.P. CULVERT W. INV = 232.500 E. INV = 232.441 (INV =	2+600         5       CSP CULVERT         15       BEVELLED END         15       BEVELLED END         1       1         FRENCH DRAIN       7         PLACED EVERY 50M       8         16       16         ES       B.M. 654008 N: 5515764.610 E: 633359.697         ELEV. 232.463 m       10	EAST LANE EDGE       EAST LANE EDGE       TOP OF BACKSLOPE       5+200       750 FEEDERMAIN (BY OTHERS)       DESIGNED       BY       MRD       DRAWN       BY       PMW       CHECKED       BY       DBW       DDESIGNED       BY       DRAWN       BY       DBW	CAUTION ENGINEER'S SEAL CROWNCE OF MAANO STAMPED BY M.R. DOUCET 2013-04-05 Member 22306

WEST MULTI-USE PATH NORTH OF WAVERLEY CONTROL LINE				
Station	Elevation (m)	Grade Out (%)		
6+800.000	233.700			
		0.00%		
6+828.000	233.700			
		-1.22%		
6+880.008	233.065			
		0.09%		
6+926.015	233.104			
		-0.14%		
7+005.685	232.990			
		0.17%		
7+405.755	233.665			
		0.36%		
7+498.060	234.000			

EAST MULTI-USE PATH NORTH OF WAVERLEY CONTROL LINE			
Station	Station Elevation (m) Grade Out (%)		
4+810.000	233.300		
		0.00%	
4+836.000	233.300		
		-0.47%	
4+884.000	233.075		
		0.25%	
4+930.000	233.190		
		-0.36%	
4+985.397	232.989		
		0.00%	
4+995.000	232.990		
		0.17%	
5+395.000	233.665		
		0.36%	
5+488.672	234.000		

CATCH BASIN, CATCH PIT STRUCTURE AND LOCATION SCHEDULE					
ID	STA	O/S NB KENASTON CONTROL LINE	RIM ELEV	BTM ELEV	INV ELEV
CP4	2+547	9.2 L	233.390	232.480	232.500



Certificate of Authorization Dillon Consulting Limited (MB) No. 1789 Date: 2013-04-05

## METRIC

WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

## 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 210/72 FOR DETAILS.
- 3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

and the second se	Winnipeg THE CITY OF W	
	WWARP PART 3 - CONTRACT 3 STA: 1+450 TO STA: 2+922.4	CITY DRAWING NUMBER P-3344- 8 SHEET OF 8 23
R	PLAN PROFILE KENASTON STA: 2+430 TO 2+690	CONSULTANT DRAWING NUMBER