



WAVERLEY WEST SIDEWALK/BIKE PATH (S/BP)						
SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
L110	0+000.000	0+009.896	5523217.895	630851.859	5523218.100	630861.752
L111	0+009.896	0+028.969	5523218.100	630861.752	5523235.464	630869.645
C118	0+028.969	0+050.563	5523235.464	630869.645	5523256.291	630874.890
L112	0+050.563	0+073.651	5523256.291	630874.890	5523279.327	630876.430
C119	0+073.651	0+090.886	5523279.327	630876.430	5523296.453	630878.318
L113	0+090.886	0+101.430	5523296.453	630878.318	5523306.874	630879.924
C120	0+101.430	0+117.357	5523306.874	630879.924	5523322.719	630881.454
L114	0+117.357	0+152.267	5523322.719	630881.454	5523357.602	630882.834
L115	0+152.267	0+303.500	5523357.602	630882.834	5523508.834	630883.436
C121	0+303.500	0+360.452	5523508.834	630883.436	5523565.650	630886.902
L116	0+360.452	0+401.613	5523565.650	630886.902	5523606.525	630891.743
C122	0+401.613	0+442.368	5523606.525	630891.743	5523647.147	630894.882
L117	0+442.368	0+461.758	5523647.147	630894.882	5523666.525	630895.587

CURVE DATA					
#	R.	Δc	Tc	L.	L.C.
C118	60.000	20°37'15"	10.915	21.594	21.478
C119	200.000	4°56'15"	8.623	17.235	17.230
C120	140.500	6°29'42"	7.972	15.927	15.918
C121	500.000	6°31'35"	28.507	56.952	56.922
C122	500.000	4°40'13"	20.389	40.755	40.743



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

WAVERLEY STREET UNDERPASS AT CN MILE 3.89 RIVERS SUB
CONTRACT 2: UNDERPASS STRUCTURES, RAILWORKS,
ROADWORKS, LAND DRAINAGE SEWER, PUMPING STATION
AND LANDSCAPING WORKS

CITY DRAWING NUMBER
U-239-2016-C2-CT-017

SHEET 017 OF 081

CONSULTANT DRAWING NUMBER
C2-CT-017

DILLON CONSULTING

DESIGNED BY: RTP
CHECKED BY: DBW

DRAWN BY: TJH
APPROVED BY: DBW

HOR. SCALE: 1:500
RELEASED FOR CONSTRUCTION

VERTICAL

CONSULTANT PROJECT NUMBER: 16-3353

UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES DATE

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.

0	ISSUED FOR TENDER	17/01/09	DBW
NO.	REVISIONS	DATE	BY

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