

KENASTON BOULEVARD SOUTHBOUND (B4)														
POINT TABLE - CONTROL				CURVE TABLE - CONTROL					SPIRAL TABLE - CONTROL					
CONTROL PT	STATION	NORTHING	EASTING	Curve #	Radius	Delta	Tc	L	L.C.	Spiral #	Length	Theta	S.Tangent	L.Tangent
PT	2+922.400	5516284.9698	630114.6242	C1	890.000	29°00'47"	230.278	450.672	445.873	S1	49.000	1°34'38"	16.335	32.668
TS	2+967.703	5516326.8553	630097.3622	C2	575.000	35°51'25"	186.035	359.847	354.003	S2	49.000	1°34'38"	16.335	32.668
SC	3+016.703	5516371.9841	630078.2774	C3	580.000	57°09'13"	315.921	578.560	554.870	S3	53.261	2°39'13"	17.757	35.511
CS	3+467.375	5516721.0176	629800.8281	C4	790.000	39°51'28"	286.427	549.564	538.550	S4	53.261	2°39'13"	17.757	35.511
ST	3+516.375	5516749.7908	629761.1678	C5	800.000	9°52'49"	69.150	137.956	137.785	S5	51.907	2°33'50"	17.306	34.608
TS	3+579.052	5516786.1294	629710.1001							S6	51.907	2°33'50"	17.306	34.608
SC	3+632.313	5516817.6719	629667.1904							S7	50.633	1°50'10"	16.879	33.757
CS	3+992.160	5517111.2121	629469.3204							S8	50.633	1°50'10"	16.879	33.757
ST	4+045.421	5517162.8211	629456.1792											
TS	4+169.727	5517283.7420	629427.3692											
SC	4+221.633	5517334.4048	629416.0943											
CS	4+800.194	5517862.8915	629585.1571											
ST	4+852.100	5517897.6037	629623.7433											
TS	5+226.316	5518143.7018	629905.6529											
SC	5+276.949	5518177.4039	629943.4368											
CS	5+826.513	5518656.7635	630188.8961											
ST	5+877.146	5518707.1202	630194.1551											
PC	5+883.881	5518713.8259	630194.7831											
EP	6+021.837	5518849.3950	630219.3961											

SOUTH TOWN ROAD (C2)			
POINT TABLE - CONTROL			
CONTROL PT	STATION	NORTHING	EASTING
PT	0+030.010	5516784.6014	629597.3013
PT	0+145.760	5516873.2875	629671.6842

BISON DRIVE (C3)									
POINT TABLE - CONTROL				CURVE TABLE - CONTROL					
CONTROL PT	STATION	NORTHING	EASTING	Curve #	Radius	Delta	Tc	L	L.C.
TP	1+383.301	5517240.4790	629374.1914	C6	280.000	12°31'14"	30.716	61.187	61.065
PC	1+389.121	5517243.0231	629379.4257						
PT	1+450.308	5517263.5692	629436.9306						
PT	1+479.401	5517270.3120	629465.2316						

NORTH TOWN ROAD (C4)									
POINT TABLE - CONTROL				CURVE TABLE - CONTROL					
CONTROL PT	STATION	NORTHING	EASTING	Curve #	Radius	Delta	Tc	L	L.C.
PT	0+014.036	5517897.4782	629498.9789	C7	280.000	13°38'05"	33.474	66.632	66.475
PC	0+024.036	5517889.9069	629505.5115	C8	280.000	12°09'50"	29.834	59.444	59.332
PCC	0+090.668	5517845.0871	629554.6045						
CT	0+259.809	5517815.8695	629606.2437						

CENTER STREET (north) (C1)									
POINT TABLE - CONTROL				CURVE TABLE - CONTROL					
CONTROL PT	STATION	NORTHING	EASTING	Curve #	Radius	Delta	Tc	L	L.C.
BP	4+955.579	5517928.1616	629749.7736	C9	34.450	20°58'19"	6.376	12.610	12.539
PC	4+956.579	5517928.9985	629750.3209	C10	218.050	17°25'47"	33.424	66.332	66.077
PRC	4+969.188	5517940.5670	629755.1590	C11	350.550	19°14'28"	59.421	117.722	117.170
PCC	5+035.521	5518002.2863	629778.7570						
PT	5+153.243	5518093.0077	629852.9040						
EP	5+180.000	5518110.6061	629873.0632						

MULTI-USE PATH															
POINT TABLE - CONTROL				CURVE TABLE - CONTROL											
CONTROL PT	STATION	NORTHING	EASTING	Curve #	Radius	Delta	Tc	L	L.C.	Curve #	Radius	Delta	Tc	L	L.C.
PT	2+922.400	5516273.5389	630086.8873	C14	1500.000	6°52'41"	90.141	180.065	179.957						
PRC	2+951.302	5516298.7700	630076.4890	C15	806.182	25°32'59"	182.787	359.497	356.526						
PCC	3+138.545	5516460.7383	629998.0626	C16	665.628	2°39'53"	15.481	30.956	30.953						
PT	3+490.864	5516725.4783	629759.2671	C17	20.000	21°20'08"	3.767	7.448	7.405						
PC	3+594.384	5516785.1129	629674.6495	C18	575.500	6°47'43"	34.167	68.254	68.214						
PT	3+625.341	5516802.3615	629648.9473	C19	591.680	23°25'57"	122.706	241.982	240.299						
PT	3+688.596	5516837.3104	629606.7649	C20	46.463	49°30'54"	21.427	40.153	38.915						
PT	3+696.043	5516843.4719	629602.6584	C21	30.000	18°42'32"	4.942	9.796	9.752						
PCC	3+751.112	5516857.1076	629589.3284	C22	718.800	3°03'59"	19.239	38.469	38.464						
PCC	3+783.367	5516908.6414	629544.6354	C23	400.000	13°31'13"	47.415	94.389	94.170						
PT	4+025.349	5517124.9511	629439.9749	C24	619.400	35°18'50"	197.162	381.762	375.748						
PC	4+088.352	5517186.2246	629425.3137	C25	26.502	24°47'18"	5.824	11.466	11.376						
PT	4+128.505	5517216.8096	629401.2519	C26	95.151	12°03'52"	10.055	20.035	19.998						
PT	4+170.881	5517279.3104	629399.4907	C27	1371.399	2°05'24"	25.017	50.028	50.025						
PC	4+174.596	5517283.0123	629399.8094	C28	771.100	3°50'39"	25.878	51.737	51.727						
PRC	4+184.392	5517292.7356	629399.0554	C29	46.500	15°14'56"	6.225	12.376	12.339						
PCC	4+222.861	5517330.3235	629390.8907	C30	53.512	13°24'51"	6.293	12.528	12.500						
PT	4+317.250	5517424.2689	629384.3843	C31	768.000	7°33'41"	50.751	101.355	101.281						
PC	4+362.438	5517469.4022	629386.5903	C32	53.500	13°24'51"	6.292	12.526	12.497						
PRC	4+744.200	5517821.4578	629517.9046	C33	46.510	15°14'57"	6.226	12.378	12.342						
PT	4+755.665	5517831.7073	629522.8413	C34	771.100	1°45'53"	11.876	23.750	23.749						
PC	4+788.165	5517871.8776	629561.3939	C35	96.500	13°55'42"	11.787	23.459	23.401						
PT	4+808.200	5517882.8819	629578.0923	C36	103.500	6°40'32"	6.036	12.059	12.052						
PC	5+226.488	5518157.9400	629893.2236	C37	757.123	16°07'09"	107.209	213.002	212.300						
PCC	5+276.515	5518191.2364	629930.5577	C38	1172.428	1°42'04"	17.406	34.809	34.807						
PCC	5+328.252	5518227.7352	629967.2120	C39	920.709	4°21'31"	35.038	70.042	70.025						
PRC	5+340.628	5518237.7714	629974.3906												
PRC	5+353.156	5518248.0532	629981.4989												
PRC	5+454.511	5518328.3144	630043.2727												
PRC	5+467.037	5518337.8157	630051.3906												
PCC	5+479.415	5518347.3263	630059.2566												
PCC	5+503.166	5518367.6651	630071.5189												
PT	5+526.624	5518389.1674	630080.7524												
PC	5+588.962	5518449.0067	630098.2227												
PRC	5+601.021	5518460.3596	630102.2683												
PCC	5+814.023	5518665.5299	630156.8268												
PRC	5+848.831	5518700.1477	630160.4539												
PT	5+918.873	5518769.6878	630168.6776												

84R635 - Lake Crest Rd. & Waverley St., Tilt on top of 0.05m dia. x 2.4m iron pipe, 14.2m N. of S.L. of Lake Crest Rd. & 0.6m E. of E.L. of Waverley St.



METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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. 76-030 ELEV. 232.457m	DESIGNED BY V.M.M., T.G. DRAWN BY T.G. CHECKED BY S.B.C. APPROVED BY V.M.M.	DESIGN TEAM 	ENGINEER'S SEAL 	THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT WWARP PART 3 - CONTRACT 1 STA 2+922.4 TO STA 5+935	CITY DRAWING NUMBER P-3345-7 SHEET 7 OF 64 CONSULTANT DRAWING NUMBER C-105
	2 ISSUED FOR TENDER 3/04/08 V.M.M. 1 ISSUED FOR REVIEW 3/03/27 V.M.M. 0 ISSUED FOR 90% REVIEW 13/02/22 V.M.M.	HOR. SCALE ---- VERTICAL NO. REVISIONS DATE BY DATE 12/11/06	RELEASED FOR CONSTRUCTION DATE _____ CONSULTANT PROJECT NUMBER 113705751	KENASTON BOULEVARD EXTENSION - SB LANES HORIZONTAL CONTROL GEOMETRY DATA TABLES		

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