



**DRAWING LIST**

No.	CITY DWG No.	REV.	DESCRIPTION
00	P-3294-00	A	COVER SHEET
01	P-3294-01	A	KEY PLAN, DRAWING LIST, HORIZONTAL AND VERTICAL CONTROL
02	P-3294-02	A	HORIZONTAL GEOMETRY STA 1+050NM TO STA 1+550NM
03	P-3294-03	A	HORIZONTAL GEOMETRY STA 1+550NM TO STA 2+050NM
04	P-3294-04	A	HORIZONTAL GEOMETRY STA 2+050NM TO STA 2+550NM
05	P-3294-05	A	HORIZONTAL GEOMETRY STA 2+550NM TO STA 3+050NM
06	P-3294-06	A	HORIZONTAL GEOMETRY STA 3+050NM TO WAVERLEY STREET
07	P-3294-07	A	HORIZONTAL GEOMETRY KENASTON BOULEVARD STA 0+812.200EM TO STA 0+970EM & STA 1+090EM TO STA 1+300EM
08	P-3294-08	A	HORIZONTAL ALIGNMENT STA 1+050NM TO STA 1+300NM
09	P-3294-09	A	HORIZONTAL ALIGNMENT STA 1+300NM TO STA 1+550NM
10	P-3294-10	A	HORIZONTAL ALIGNMENT STA 1+550NM TO STA 1+800NM
11	P-3294-11	A	HORIZONTAL ALIGNMENT STA 1+800NM TO STA 2+050NM
12	P-3294-12	A	HORIZONTAL ALIGNMENT STA 2+050NM TO STA 2+300NM
13	P-3294-13	A	HORIZONTAL ALIGNMENT STA 2+300NM TO STA 2+550NM
14	P-3294-14	A	HORIZONTAL ALIGNMENT STA 2+550NM TO STA 2+800NM
15	P-3294-15	A	HORIZONTAL ALIGNMENT STA 2+800NM TO STA 3+050NM
16	P-3294-16	A	HORIZONTAL ALIGNMENT STA 3+050NM TO WAVERLEY STREET
17	P-3294-17	A	HORIZONTAL ALIGNMENT KENASTON BOULEVARD STA 0+812.200EM TO STA 0+970EM
18	P-3294-18	A	HORIZONTAL ALIGNMENT KENASTON BOULEVARD STA 1+090EM TO STA 1+300EM
19	P-3294-19	A	VERTICAL ALIGNMENT STA 1+050 TO STA 1+300
20	P-3294-20	A	VERTICAL ALIGNMENT STA 1+300 TO STA 1+550
21	P-3294-21	A	VERTICAL ALIGNMENT STA 1+550 TO STA 1+800
22	P-3294-22	A	VERTICAL ALIGNMENT STA 1+800 TO STA 2+050
23	P-3294-23	A	VERTICAL ALIGNMENT STA 2+050 TO STA 2+300
24	P-3294-24	A	VERTICAL ALIGNMENT STA 2+300 TO STA 2+550
25	P-3294-25	A	VERTICAL ALIGNMENT STA 2+550 TO STA 2+800
26	P-3294-26	A	VERTICAL ALIGNMENT STA 2+800 TO STA 3+050
27	P-3294-27	A	VERTICAL ALIGNMENT STA 3+050 TO WAVERLEY STREET
28	P-3294-28	A	VERTICAL ALIGNMENT KENASTON BOULEVARD STA 0+812.200EM TO STA 1+070EM
29	P-3294-29	A	VERTICAL ALIGNMENT KENASTON BOULEVARD STA 1+070EM TO STA 1+399.146EM
30	P-3294-30	A	CROSS SECTIONS A, B & C
31	P-3294-31	A	CROSS SECTIONS D, E & F
32	P-3294-32	A	DETAILS
33	P-3294-33	A	LANDSCAPE PLAN STA 1+050NM TO STA 1+300NM
34	P-3294-34	A	LANDSCAPE PLAN STA 1+300NM TO STA 1+550NM
35	P-3294-35	A	LANDSCAPE PLAN STA 1+550NM TO STA 1+800NM
36	P-3294-36	A	LANDSCAPE PLAN STA 1+800NM TO STA 2+050NM
37	P-3294-37	A	LANDSCAPE PLAN STA 2+050NM TO STA 2+300NM
38	P-3294-38	A	LANDSCAPE PLAN STA 2+300NM TO STA 2+550NM
39	P-3294-39	A	LANDSCAPE PLAN STA 2+550NM TO STA 2+800NM
40	P-3294-40	A	LANDSCAPE PLAN STA 2+800NM TO STA 3+050NM
41	P-3294-41	A	LANDSCAPE PLAN STA 3+050NM TO WAVERLEY STREET
42	P-3294-42	A	LANDSCAPE PLAN KENASTON BOULEVARD STA 0+812.200EM TO STA 0+970EM
43	P-3294-43	A	LANDSCAPE PLAN KENASTON BOULEVARD STA 1+090EM TO STA 1+300EM
44	P-3294-44	A	LANDSCAPE DETAILS

SURVEY BAR-HORIZONTAL CONTROL POINTS-PROJECT COORDINATES					NAD83 DATUM		
CONTROL POINT	LOCATION	NORTHING	EASTING	ELEVATION	NORTHING	EASTING	ELEVATION
#1	IB @ PI OF PL'S @ SW CRN OF MCGILLIVRAY BLVD AND COLUMBIA DR ALONG CORNER CUT	9813.065	9661.055	233.471	5520073.446	629010.466	-
#2	IB @ PI OF S PL OF MCGILLIVRAY BLVD AND W LOTLINE #1790 MCGILLIVRAY BLVD	10680.121	11227.829	233.173	5520940.193	630576.906	-

NOTE: THE PROJECT DRAWINGS HAVE A SCALE FACTOR OF 1.0002467815 APPLIED TO LBIS INFORMATION TO MATCH LOCAL SURVEYED PROJECT COORDINATES

GEODETC BENCHMARK-VERTICAL CONTROL POINTS		
GBM	LOCATION	ELEVATION
67-004 (NOT SHOWN)	W/CEMENT PLANT & C.P.R. LaRIVIERE SUBD. N/MCGILLIVRAY BLVD. 23.1m N/N WALL & 47.5m W/W WALL OF OFFICE BLDG	233.950m
66-010	N SIDE MCGILLIVRAY BLVD, W/WAVERLEY ST, TBLT ON TOP OF 0.05 sq m x 2.4m IRON TUBE	232.522m
65-051	E SIDE WAVERLEY ST, S/GAMBLE PL, TBLT ON TOP OF 0.05 sq m x 2.4m IRON TUBE, 59.8m SSL GAMBLE PL & 26.1m WEL WAVERLEY ST	232.589m

<b>LOCATION APPROVED</b> 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 AS SHOWN ELEV AS SHOWN 0 ISSUED FOR CONSTRUCTION 08/06/27 DID NO. REVISIONS YYMMDDI BY
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DESIGNED BY: WRJ DRAWN BY: DID HOR. SCALE: AS SHOWN VERT. SCALE: AS SHOWN DATE: 08/06/27	CHECKED BY: RPB APPROVED BY: BWB RELEASED FOR CONSTRUCTION DATE: 08-07-07

PROFESSIONAL'S SEAL  
 PROVINCE OF MANITOBA  
 REGISTERED PROFESSIONAL ENGINEER  
 R. P. BRUCE  
 CONSULTANT DRAWING NO. 0265-406-00\_01-CT1001\_RX.dwg

**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES  
 BLD OPPORTUNITY NO. 466-2008

**THE CITY OF WINNIPEG**  
 PUBLIC WORKS DEPARTMENT  
 TRANSPORTATION ENGINEERING DIVISION

**MCGILLIVRAY BOULEVARD**  
 120m WEST OF KENASTON BOULEVARD  
 TO WAVERLEY STREET  
 WIDENING AND REHABILITATION  
 KEY PLAN, DRAWING LIST,  
 HORIZONTAL AND VERTICAL CONTROL

CITY DRAWING NUMBER P-3294-01	DRAWING No. REV 01 0
SHEET 1 OF 44	

**APEGM**  
 Certificate of Authorization  
 UMA Engineering Ltd. (MB)  
 No. 256 Date: June 27/08