

- NOTES:**
- ALL STATIONS OF NORTH BOUND KENASTON BLVD. ALIGNMENT, BASED ON CONTROL LINE A4.
 - ALL STATIONS OF SOUTH BOUND KENASTON BLVD. ALIGNMENT, BASED ON CONTROL LINE A5.

Curve Table: Alignments

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C17	599.50	235.04	N15° 48' 53.89"E	(629957.27,5517964.51)	(630020.91,5518189.20)
C18	799.00	303.90	N18° 13' 30.20"E	(630111.31,5518344.16)	(630205.78,5518631.07)
C19	800.00	122.76	N12° 02' 16.67"E	(630219.04,5518756.74)	(630244.62,5518876.68)
C20	52.00	51.78	N10° 56' 43.30"W	(630289.92,5519020.35)	(630280.49,5519069.11)
C21	499.25	111.01	N8° 51' 36.45"E	(630210.76,5518768.79)	(630227.82,5518878.26)
C22	50.00	46.96	N42° 08' 10.22"E	(630269.20,5519030.24)	(630299.56,5519063.79)

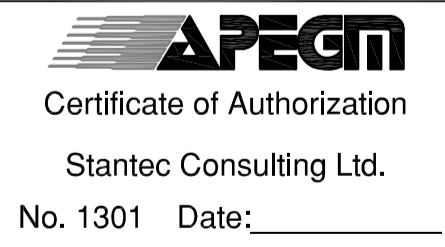
Line Table: Alignments - Control

Line #	Length	Start Point (N,E)	End Point (N,E)
L12	200.00	5517679.76, 629952.63	5517879.75, 629954.48
L13	39.40	5518262.83, 630062.99	5518296.57, 630083.35
L14	7.18	5518685.96, 630211.56	5518693.10, 630212.23
L15	118.64	5518907.25, 630254.08	5519020.35, 630289.92
L16	90.48	5518678.40, 630206.83	5518768.79, 630210.76
L17	157.51	5518878.26, 630227.82	5519030.24, 630269.20

Spiral Table: Alignments - Control

Spiral #	A Value	Radius	Length	Start Point (N,E)	End Point (N,E)
S6	225.51	INFINITY	84.82	5517879.75, 629954.48	5517964.51, 629957.27
S7	210.00	799.00	55.19	5518631.07, 630205.78	5518685.96, 630211.56
S8	226.27	INFINITY	64.00	5518693.10, 630212.23	5518756.74, 630219.04
S9	160.00	800.00	32.00	5518876.68, 630244.62	5518907.25, 630254.08

84R635 - Lake Crest Rd. & Waverley St.,
Tbit 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.



EXISTING		LEGEND-PLAN		PROPOSED		EXISTING		LEGEND-PLAN		PROPOSED	
	WATERMAIN		HYDRANT		VALVE		LAND DRAINAGE SEWER		WASTE WATER SEWER		MANHOLE
	CATCH BASIN		CURB INLET		JUNCTION		CULVERT		GAS		PROPERTY LINE
	SURVEY BAR		GEODETIC BENCHMARK		DITCH		ELEVATION		SIDEWALK RAMP		NORTH OR WEST GUTTER
	SOUTH OR EAST GUTTER		NORTH OR WEST DITCH		SOUTH OR EAST DITCH		SIDEWALK		NORTH OR WEST PROFILE		SOUTH OR EAST PROFILE

LOCATION APPROVED 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.

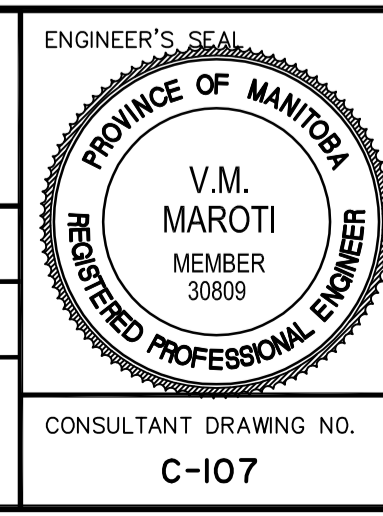
NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	11.07.15	V.M.M.

Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY: V.M.M. CHECKED BY: S.B.C.
DRAWN BY: T.G. APPROVED BY: V.M.M.

HOR. SCALE: 1:1500
VERTICAL: _____

RELEASED FOR CONSTRUCTION: _____
DATE: 09.06.17



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

WWARP PART I
KENASTON BOULEVARD EXTENSION - N.B. LANES
NORTH TOWN ROAD TO BISHOP GRANDIN BOULEVARD
HORIZONTAL GEOMETRY
CONTROL LINES A4 & A5

SHEET 7 OF 65
CAD FILE DRAWING NUMBER 04840c-106-XXX.dwg
CITY DRAWING NUMBER P-3316-07

CONSULTANT DRAWING NO. C-107