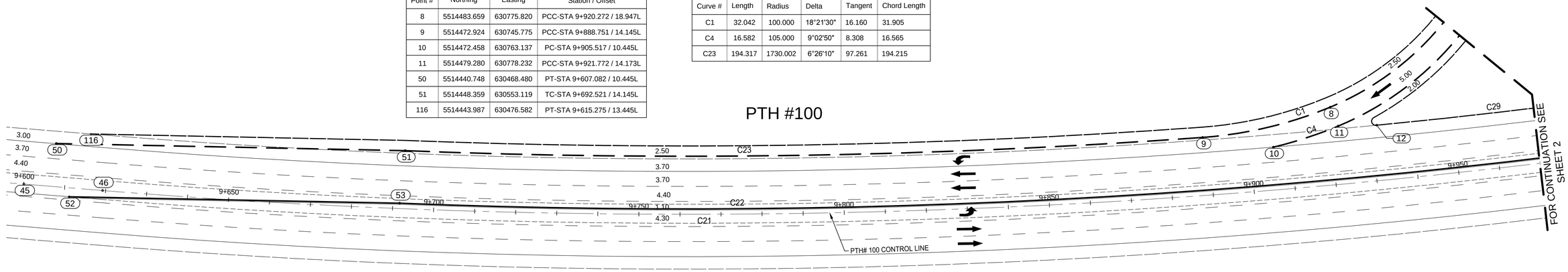
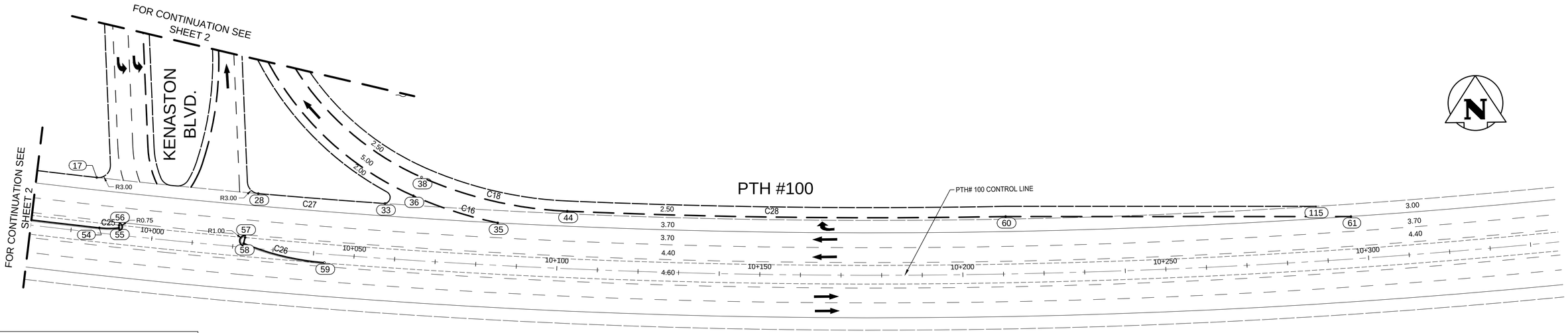
PTH 100 WB Accel Lane Points			
Point #	Northing	Easting	Station / Offset
8	5514483.659	630775.820	PCC-STA 9+920.272 / 18.947L
9	5514472.924	630745.775	PCC-STA 9+888.751 / 14.145L
10	5514472.458	630763.137	PC-STA 9+905.517 / 10.445L
11	5514479.280	630778.232	PCC-STA 9+921.772 / 14.173L
50	5514440.748	630468.480	PT-STA 9+607.082 / 10.445L
51	5514448.359	630553.119	TC-STA 9+692.521 / 14.145L
116	5514443.987	630476.582	PT-STA 9+615.275 / 13.445L

Curve Table					
Curve #	Length	Radius	Delta	Tangent	Chord Length
C1	32.042	100.000	18°21'30"	16.160	31.905
C4	16.582	105.000	9°02'50"	8.308	16.565
C23	194.317	1730.002	6°26'10"	97.261	194.215





PTH 100 Control Points				
	Point #	Northing	Easting	Station / Offset
	45	5514430.062	630461.700	PT-STA 9+600.000 / 0.0
	46	5514430.613	630480.946	TC-STA 9+619.253 / 0.0
*	47	5514661.180	631298.904	CT-STA 10+477.727 / 0.0
*	48	5514681.629	631334.548	PT-STA 10+518.819 / 0.0
*	49	5514906.134	631725.880	PT-STA 10+969.977 / 0.0

*NOTES: SHOWN ON SHEET 4

PTH 100 Misc. Points			
Point #	Northing	Easting	Station / Offset
12	5514480.537	630787.584	PCC-STA 9+931.260 / 13.493L
17	5514492.286	630839.458	PCC-STA 9+984.865 / 13.493L
28	5514502.170	630878.188	PCC-STA 10+025.123 / 13.493L
33	5514510.528	630908.345	PCC-STA 10+056.687 / 13.493L
57	5514490.888	630878.832	PC-STA 10+022.852 / 2.431L
58	5514489.426	630879.001	PCC-STA 10+022.614 / 1.275L
59	5514491.744	630899.274	PC-STA 10+042.803 / 2.615R

PTH 100 EB Decel Lane / Back of Curb Pts			
Point #	Northing	Easting	Station / Offset
52	5514428.152	630473.035	PT-STA 9+612.890/ 2.577R
53	5514435.496	630553.167	TC-STA 9+692.521 / 1.711L
54	5514480.860	630844.287	PCC-STA 9+986.862 / 1.649L
55	5514482.467	630848.805	PCC-STA 9+991.737 / 1.744L
56	5514483.141	630848.629	PC-STA 9+991.627 / 2.430L

PTH 100 WB Decel Lane Points			
Point #	Northing	Easting	Station / Offset
35	5514515.539	630936.038	PC-STA 10+084.857 / 10.445L
36	5514514.691	630914.254	PCC-STA 10+063.577 / 15.851L
38	5514519.680	630914.579	PCC-STA 10+065.305 / 20.550L
44	5514524.096	630951.152	PCC-STA 10+101.947 / 14.145L
60	5514559.744	631053.028	CT-STA 10+210.780 / 14.145L
61	5514588.800	631132.923	PT-STA 10+296.326/ 10.445L
115	5514588.212	631123.990	PT-STA 10+292.901 / 13.445L

Curve Table					
Curve #	Radius	Length	Delta	Start Point	End Point
C21	1744.15	858.47	28°12'04"	(630480.95,5514430.61)	(631298.90,5514661.18)

Curve Table					
Curve #	Length	Radius	Delta	Tangent	Chord Length
C26	20.501	64.700	18°09'20"	10.337	20.416
C27	30.867	1681.180	1°03'10"	15.434	30.867
C29	36.555	1972.382	1°03'40"	18.278	36.555

Curve Table					
Curve #	Length	Radius	Delta	Tangent	Chord Length
C22	295.006	1745.810	9°40'50"	147.855	294.655
C25	4.804	23.400	11°45'50"	2.410	4.795

Curve Table					
Curve #	Length	Radius	Delta	Tangent	Chord Length
C16	21.840	105.000	11°55'00"	10.960	21.801
C18	37.050	100.000	21°13'40"	18.740	36.838
C28	107.950	1730.002	3°34'30"	53.993	107.933

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

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.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	14/04/17	S.B.C.

DESIGNED BY	S.B.C.
DRAWN BY	T.G. / P.A.
CHECKED BY	S.B.C. / R.K.H
APPROVED BY	S.B.C.
HOR. SCALE	1:500
VERTICAL	N/A
DATE	2014/04/17

DESIGN TEAM
Stantec

RELEASED FOR CONSTRUCTION
DATE

ENGINEER'S SEAL

CONSULTANT PROJECT NUMBER
113705751

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

WWARP PART 3 - CONTRACT 4
KENASTON / WAVERLEY

KENASTON BOULEVARD & WAVERLEY TO PERIMETER
HORIZONTAL CONTROL GEOMETRY
PTH #100

CITY DRAWING NUMBER
P-3355-3

SHEET 3 OF 20

CONSULTANT DRAWING NUMBER
C-102

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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