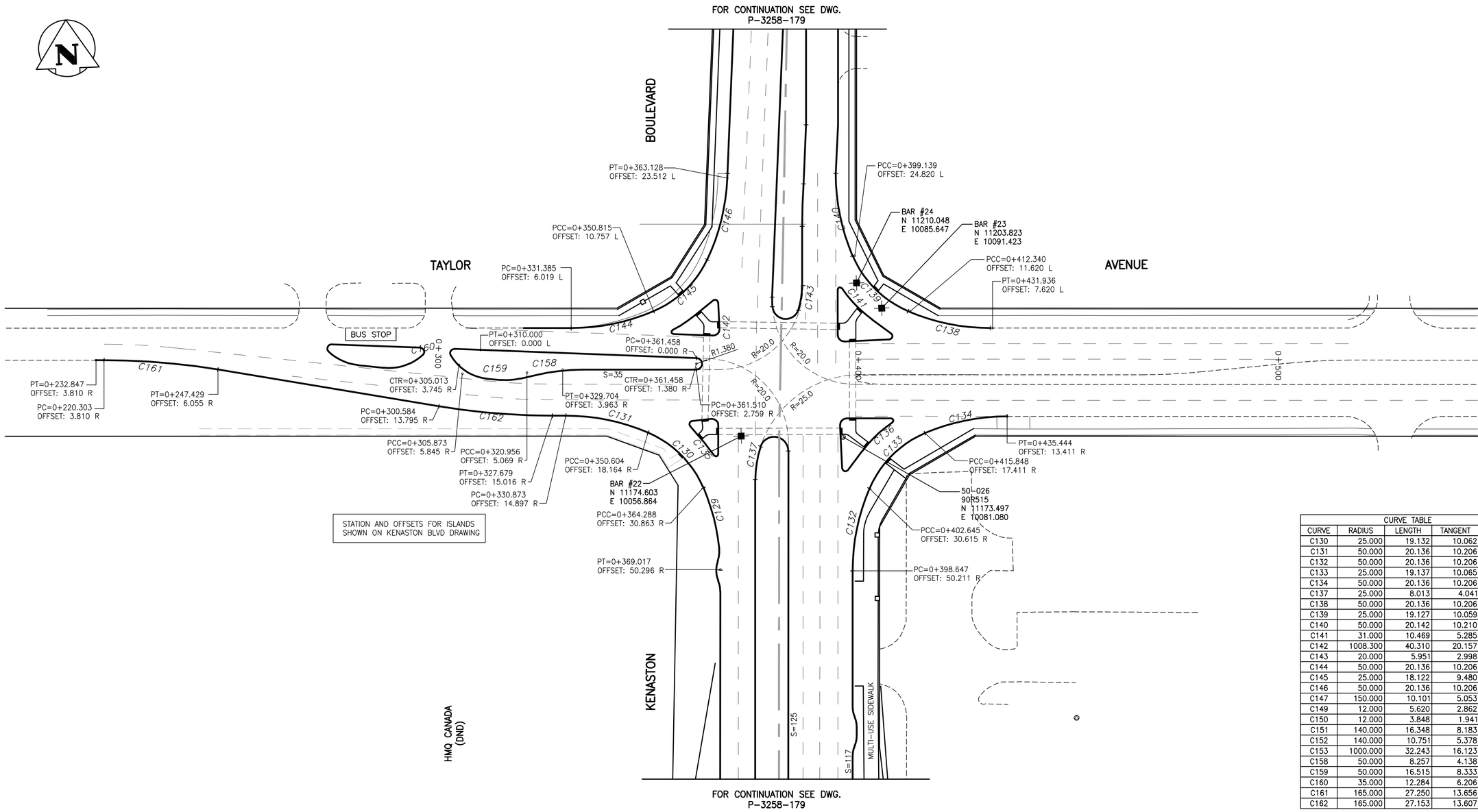
KU-09-665



STATION AND OFFSETS FOR ISLANDS SHOWN ON KENASTON BLVD DRAWING

CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C130	25.000	19.132	10.062	43°50'47"
C131	50.000	20.136	10.206	23°04'26"
C132	50.000	20.136	10.206	23°04'26"
C133	25.000	19.137	10.065	43°51'28"
C134	50.000	20.136	10.206	23°04'26"
C137	25.000	8.013	4.041	18°21'50"
C138	50.000	20.136	10.206	23°04'26"
C139	25.000	19.127	10.059	43°50'08"
C140	50.000	20.142	10.210	23°04'53"
C141	31.000	10.469	5.285	19°20'57"
C142	1008.300	40.310	20.157	2°17'26"
C143	20.000	5.951	2.998	17°02'53"
C144	50.000	20.136	10.206	23°04'26"
C145	25.000	18.122	9.480	41°32'01"
C146	50.000	20.136	10.206	23°04'26"
C147	150.000	10.101	5.053	3°51'30"
C149	12.000	5.620	2.862	26°49'52"
C150	12.000	3.848	1.941	18°22'27"
C151	140.000	16.348	8.183	6°41'26"
C152	140.000	10.751	5.378	4°24'00"
C153	1000.000	32.243	16.123	1°50'51"
C158	50.000	8.257	4.138	9°27'44"
C159	50.000	16.515	8.333	18°55'29"
C160	35.000	12.284	6.206	20°06'34"
C161	165.000	27.250	13.656	9°27'44"
C162	165.000	27.153	13.607	9°25'43"

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

NOTES:
-ALL STATIONS BASED ON NORTH MEDIAN CONTROL LINE.
-ONLY SURVEY BARS WITH NUMBER AND COORDINATES SHALL BE USED FOR LAYOUT PURPOSES.
-NORTHINGS AND EASTINGS ARE BASED ON A LOCAL COORDINATE SYSTEM

BENCH MARK: BOLT IN 12.5m CONC. PILE, 2.4m N. OF S.L. OF WILKES AVE. (FENCE LINE), & 7m E. OF E. FACE OF 2nd TOWER W. OF THE MOST ELY. SET OF TRACKS OF C.P.R. LA RIVIERE SUB. DIV.

1:500 0 5 15 25m

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Expiry: April 30, 2006

	GAS		○	MANHOLE	●		CONCRETE PAVEMENT	
	MTS		□	CATCH BASIN/CATCH PIT	■		ASPHALT PAVEMENT	
	HYDRO		△	C & G INLET WITH BOX	▲		CONC.SIDEWALK/MED.SLAB	
	VIDEON		⊙	TREE			PAVING STONE	
	TRAFFIC SIGNALS		TH#10	TEST HOLE			TOPSOIL & SOD	
	LAND DRAINAGE SEWER			PROPERTY LINE			GRAVEL	
	SANITARY/COMBINED SEWER		⊕	SURVEY BAR			RAMP CURB	
	CATCHBASIN LEAD		⊙	GEODETIC MONUMENT			REMOVAL	
	WATERMAIN		×	FENCE				
	SUBDRAIN			BACK OF CURB				
	DITCH		(33.195)	ELEVATION	33.000			
EXISTING	LEGEND – PLAN	NEW	EXISTING	LEGEND – PLAN	NEW	EXISTING	LEGEND – PLAN	NEW

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.

B.M. 66-001
ELEV. 233.425m

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	06.03.03	GWM

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

DESIGNED BY	VMM	CHECKED BY	WKB
DRAWN BY	TAG	APPROVED BY	GWM
HOR. SCALE:	1:500	AUTHORIZED BY:	DATE
VERTICAL:	N/A	R. FINGAS	06.03.03
DATE	06.01.06	R. FINGAS, P. ENG. BRIDGE PROJECTS ENGINEER	

ENGINEER'S SEAL
ORIGINAL SEALED BY G.W. MOURANT P. ENG. 06.03.03

CONSULTANT DRAWING NO.
113703042-HI6

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

KENASTON UNDERPASS PROJECT
KENASTON BOULEVARD RECONSTRUCTION

TAYLOR AVENUE
HORIZONTAL GEOMETRY
STA 0+233 TO STA 0+436

SHEET 9 OF 52
CAD FILE DRAWING NUMBER ku-09-665.dwg
CITY DRAWING NUMBER P-3258-180

V:\113703042 - Kenaston UP DESIGN\ACAD\CONTRACT 6 - Underpass etc\ROADS\KU-09-665.dwg
2006-03-03 04:37PM By: jkeenaerts