

MATCH LINE 1+375  
FOR CONTINUATION  
SEE DWG. P-3258-176

MATCH LINE 1+725  
FOR CONTINUATION  
SEE DWG. P-3258-178

**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

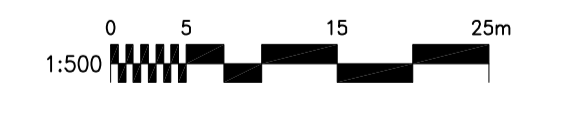
**NOTES:**  
-ALL STATIONS WEST OF CENTERLINE, BASED ON WEST MEDIAN CONTROL LINE.  
-ALL STATIONS EAST OF CENTERLINE, BASED ON EAST MEDIAN CONTROL LINE.  
-ONLY SURVEY BARS WITH NUMBER AND COORDINATES SHALL BE USED FOR LAYOUT PURPOSES.  
-NORTHINGS AND EASTINGS ARE BASED ON A LOCAL COORDINATE SYSTEM

KENASTON BOULEVARD WEST MEDIAN CONTROL LINE		
TS=1+125.486	N 10455.174	E 9989.863
SC=1+175.486	N 10505.136	E 9991.789
PT=1+266.700	N 10596.090	E 9998.546
PC=1+333.313	N 10662.369	E 10005.211
PT=1+460.337	N 10788.067	E 10023.255
PC=1+502.623	N 10829.631	E 10031.030
PT=1+724.337	N 11049.780	E 10055.570

KENASTON BOULEVARD EAST MEDIAN CONTROL LINE		
STA=0+882.274	N 10211.783	E 9990.146
TS=1+145.872	N 10475.232	E 9999.045
SC=1+195.872	N 10525.194	E 10000.972
PCC=1+284.957	N 10614.027	E 10007.527
PT=1+404.957	N 10732.782	E 10024.512
PC=1+501.353	N 10827.535	E 10042.235
PT=1+724.752	N 11049.357	E 10066.962

CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C117	1500.000	127.024	63.550	4°51'07"
C118	1508.300	127.727	63.902	4°51'07"
C119	1491.700	220.487	110.445	8°28'08"
C120	1500.000	221.714	111.059	8°28'08"
C121	1511.400	223.399	111.903	8°28'08"
C122	1519.700	224.626	112.518	8°28'08"
C123	140.000	16.503	8.261	6°45'14"
C124	140.000	11.967	5.987	4°53'52"
C125	140.000	11.900	5.953	4°52'12"
C126	140.000	16.411	8.215	6°42'58"

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.



EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW
---	GAS	○	○	MANHOLE	●	---	CONCRETE PAVEMENT	▨
---	MTS	□	□	CATCH BASIN/CATCH PIT	■	---	ASPHALT PAVEMENT	▩
---	HYDRO	△	△	C & G INLET WITH BOX	▲	---	CONC. SIDEWALK/MED. SLAB	▤
---	VIDEO	⊙	⊙	TREE	⊗	---	PAVING STONE	▧
---	TRAFFIC SIGNALS	⊕	⊕	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	←	←	ELEVATION	43.000	---		

B.M. ELEV.	66-001 233.425m
DESIGNED BY	VMM
CHECKED BY	WKB
DRAWN BY	TAG
APPROVED BY	GWM
HOR. SCALE:	1:500
VERTICAL:	N/A
ISSUED FOR TENDER	06.03.03 GWM
NO. REVISIONS	DATE BY

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

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

**Kenaston Underpass Project**  
KENASTON BOULEVARD RECONSTRUCTION

SHEET 6 OF 52  
CAD FILE DRAWING NUMBER: ku-05-08-665.dwg  
CITY DRAWING NUMBER: P-3258-177

**KENASTON BOULEVARD**  
HORIZONTAL GEOMETRY  
STA 1+375 TO STA 1+725

ENGINEER'S SEAL  
ORIGINAL SEALED BY: G.W. MOURANT P. ENG. 06.03.03  
CONSULTANT DRAWING NO.: H3703042-HI3