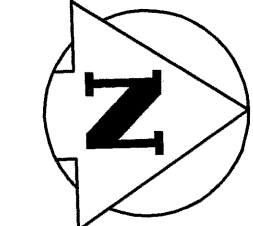


**CLARKE TRANSPORT ACCESS
EAST MEDIAN/ Q OF ROAD CONTROL**

POINT	NORTHING	EASTING
POT=0+500	10199.038	9662.454
PC=0+554.389	10253.396	9664.283
PT=0+577.306	10276.310	9664.523
PC=0+607.323	10306.324	9664.143
PT=0+685.658	10371.641	9700.642
PC=0+712.380	10385.356	9723.575
PT=0+747.200	10414.102	9740.586
POT=0+754.921	10421.817	9740.871

CIRCULAR CURVE DATA

CURVE	LENGTH	RADIUS	DELTA	TANGENT
C86	19.989	500.000	2°17'26"	9.996
C88	79.853	80.000	57°11'27"	43.609
C89	31.338	31.500	57°00'05"	17.104
C90	22.917	495.000	2°39'10"	11.461
C92	78.335	75.000	59°50'36"	43.165
C93	34.820	35.000	57°00'05"	19.004
C94	23.149	500.000	2°39'10"	11.577
C96	73.113	70.000	59°50'36"	40.287
C97	38.302	38.500	57°00'05"	20.904
C98	7.131	50.000	8°10'16"	3.571
C115	2.984	25.000	6°50'18"	1.494
C116	1.132	21.500	3°01'00"	0.566



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. 69M67-001
ELEV. 234.148

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	05/04/19	DL
A	ISSUED FOR CLIENT REVIEW	05/02/28	DL

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DESIGNED BY: WRJ	CHECKED BY: RPB
DRAWN BY: DID	APPROVED BY: RPB
AUTHORIZED BY: R. FINGAS BRIDGE PROJECTS ENGINEER	

HOR. SCALE: 1:500
VERTICAL: N/A
DATE: 05/04/19

ENGINEER'S SEAL
PROVINCE OF MANITOBA
BRUCE W. BIGLOW
05-04-13
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

Winnipeg

KENASTON UNDERPASS PROJECT
STERLING LYON PARKWAY WEST OF
KENASTON BOULEVARD

HORIZONTAL GEOMETRY
CLARKE TRANSPORT ACCESS

SHEET 7 OF 61
CAD FILE DRAWING NUMBER 01-C1005_RX
CITY DRAWING NUMBER P-3258-67

BID OPPORTUNITY
No. 84-2005

APECM
Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2005

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES