



STERLING LYON PARKWAY NORTH MEDIAN CONTROL

POINT	NORTHING	EASTING
PC=2+056.014	10200.404	9563.735

STERLING LYON PARKWAY SOUTH MEDIAN CONTROL

POINT	NORTHING	EASTING
PC=2+056.342	10188.410	9563.331

CIRCULAR CURVE DATA

CURVE	LENGTH	RADIUS	DELTA	TANGENT
C48	63.961	2485.700	1°28'28"	31.982
C49	17.192	36.000	27°21'44"	8.763
C50	19.215	18.000	61°09'48"	10.637
C51	17.132	36.000	27°15'58"	8.731
C52	20.611	18.000	65°36'27"	11.602
C53	233.918	2485.700	5°23'31"	117.045
C54	720.431	2494.000	16°33'03"	362.742
C55	77.891	2502.500	1°47'00"	38.949
C56	6.423	21.500	17°07'05"	3.236
C57	15.748	25.000	36°05'34"	8.145
C58	15.690	165.000	5°26'54"	7.851
C59	12.021	165.000	4°10'27"	6.013
C60	723.898	2506.000	16°33'03"	364.487
C61	186.127	2514.300	4°14'29"	93.106
C62	11.988	165.000	4°09'46"	5.997
C63	15.645	165.000	5°25'58"	7.828
C131	14.201	25.000	32°32'49"	7.298

STERLING LYON PARKWAY NORTH MEDIAN CONTROL

POINT	NORTHING	EASTING
PT=2+776.446	10279.788	10277.261

STERLING LYON PARKWAY SOUTH MEDIAN CONTROL

POINT	NORTHING	EASTING
PT=2+780.239	10268.177	10280.291

CIRCULAR CURVE DATA

CURVE	LENGTH	RADIUS	DELTA	TANGENT
C64	31.792	70.000	26°01'20"	16.175
C65	18.242	35.000	29°51'45"	9.333
C66	31.572	70.000	25°50'31"	16.059
C67	17.495	41.000	24°26'57"	8.883
C68	19.138	50.000	21°55'48"	9.687
C69	149.857	2502.500	3°25'52"	74.951
C70	98.319	2517.800	2°14'15"	49.166
C71	39.520	70.000	32°20'52"	20.302
C72	23.563	35.000	38°34'24"	12.248
C73	46.836	100.000	26°50'07"	23.856
C74	26.917	41.000	37°36'54"	13.964
C75	9.628	106.000	5°12'16"	4.817



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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. GBM67-001 ELEV. 234.148			
ISSUED FOR CONSTRUCTION	05/04/19	DL	
ISSUED FOR CLIENT REVIEW	05/02/28	DL	
NO. REVISIONS	DATE	BY	DATE

UMA
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DESIGNED BY: WRJ
DRAWN BY: DID, CGC
CHECKED BY: [Signature]
APPROVED BY: [Signature]
AUTHORIZED BY: [Signature]
DATE: 05/04/19

HOR. SCALE: 1:500
VERTICAL: N/A

R. FINGAS P. ENG.
BRIDGE PROJECTS ENGINEER

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

CONSULTANT DRAWING NO.
4231-040-01-05

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

Kenaston Underpass Project
STERLING LYON PARKWAY WEST OF
KENASTON BOULEVARD

HORIZONTAL GEOMETRY
STA. 2+050 TO KENASTON BOULEVARD

SHEET 5 OF 61
CAD FILE DRAWING NUMBER
01-CT1003_RX
CITY DRAWING NUMBER
P-3258-65

BID OPPORTUNITY
No. 84-2005
Certificate of Authorization
UMA Engineering Ltd.
No. 266 Expiry: April 30, 2005