

CURVE	LENGTH	RADIUS	DELTA	TANGENT
C72	20.136	50.000	23°04'26"	10.206
C73	16.551	25.000	37°55'54"	8.592
C74	20.136	50.000	23°04'26"	10.206
C75	5.849	31.000	10°48'39"	2.933
C76	17.132	36.000	27°15'58"	8.731
C77	16.717	18.000	53°12'38"	9.016
C78	25.712	15.000	98°12'46"	17.320

CURVE	LENGTH	RADIUS	DELTA	TANGENT
C79	13.718	165.000	4°45'49"	6.863
C80	13.718	165.000	4°45'49"	6.863
C81	16.406	35.000	26°51'25"	8.357
C82	16.167	27.500	33°40'58"	8.324
C83	13.718	165.000	4°45'49"	6.863
C84	13.718	165.000	4°45'49"	6.863
C85	7.682	20.000	22°00'28"	3.889
C86	10.003	30.000	19°06'13"	5.048
C87	1.517	31.000	2°48'11"	0.758
C88	20.555	204.000	5°46'23"	10.286
C89	25.298	205.500	7°03'12"	12.665
C90	10.214	31.000	18°52'40"	5.154

CURVE	LENGTH	RADIUS	DELTA	TANGENT
C91	21.412	15.000	81°47'14"	12.990
C92	20.136	50.000	23°04'26"	10.206
C93	19.121	25.000	43°49'21"	10.056
C94	14.229	50.000	16°18'20"	7.163
C95	10.813	9.000	68°50'19"	6.167
C96	13.038	12.000	62°15'11"	7.246
C97	9.965	31.000	18°25'05"	5.026
C98	3.896	30.000	7°26'25"	1.951
C99	7.025	30.000	13°25'03"	3.529
C100	9.044	31.000	16°42'58"	4.554
C101	9.935	7.500	75°53'57"	5.849
C102	10.217	7.500	78°03'11"	6.079
C103	18.353	50.000	21°01'52"	9.281
C104	19.147	25.000	43°52'55"	10.071
C105	20.136	50.000	23°04'26"	10.206

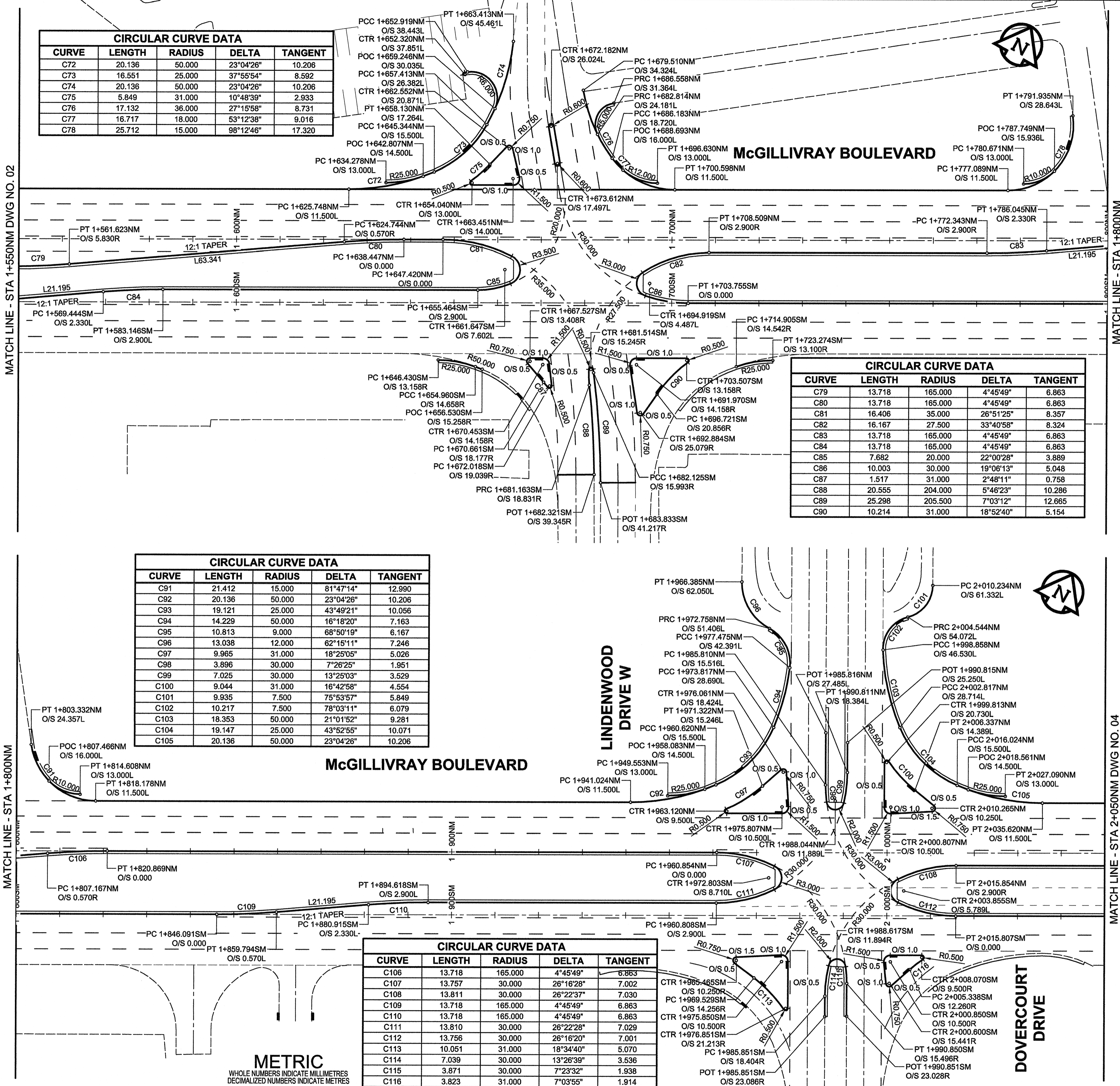
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C106	13.718	165.000	4°45'49"	6.863
C107	13.757	30.000	26°16'28"	7.002
C108	13.811	30.000	26°22'37"	7.030
C109	13.718	165.000	4°45'49"	6.863
C110	13.718	165.000	4°45'49"	6.863
C111	13.810	30.000	26°22'28"	7.029
C112	13.756	30.000	26°16'20"	7.001
C113	10.051	31.000	18°34'40"	5.070
C114	7.039	30.000	13°26'39"	3.536
C115	3.871	30.000	7°23'32"	1.938
C116	3.823	31.000	7°03'55"	1.914

MATCH LINE - STA 1+550NM DWG NO. 02

MATCH LINE - STA 1+800NM

MATCH LINE - STA 1+800NM

MATCH LINE - STA 2+050NM DWG NO. 04



Scale: 1" = 150'

AECOM
Certificate of Authorization
UMA Engineering Ltd. (MB)
No. 256 Date: June 27/08

EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW
NATURAL GAS	○	MANHOLE	●	CONCRETE PAVEMENT	[Pattern]	ASPHALT PAVEMENT	[Pattern]
MTS	□	CATCH BASIN / CATCH PIT	■	CONC. SIDEWALK/MEDIAN	[Pattern]	CONC. SIDEWALK/MEDIAN	[Pattern]
HYDRO	△	CURB INLET WITH BOX	▲	PAVING STONE	[Pattern]	PAVING STONE	[Pattern]
CATV	○	TREE	▲	GRAVEL	[Pattern]	GRAVEL	[Pattern]
TRAFFIC SIGNALS/PIT	⊕	TEST HOLE	⊕	RAMP CURB	[Pattern]	RAMP CURB	[Pattern]
LAND DRAINAGE SEWER	—	PROPERTY LINE	—	PLANING/REMOVAL	[Pattern]	PLANING/REMOVAL	[Pattern]
SANITARY/COMBINED SEWER	—	SURVEY BAR	—	GLASGRID PAVT REPAIR	[Pattern]	GLASGRID PAVT REPAIR	[Pattern]
SSP/DCP	—	FENCE	—				
WATERMAIN	—	BOC/EOPAVT	—				
SUBDRAIN	—	ELEVATION	(33.100)				
DITCH	—	TRAFFIC SIGN	—				
LEGEND - PLAN		LEGEND - PLAN					

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES DATE COMMITTEE

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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	08/08/27	DID

DESIGNED BY	CHECKED BY	APPROVED BY	RELEASED FOR CONSTRUCTION
WRJ	JGK	BWB	[Signature]

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

DATE: 08/08/27

PROFESSIONAL'S SEAL

PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
R. P. BRUCE
CONSULTANT DRAWING NO.
0265-406-00_01-CT1003_RX.dwg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

McGILLIVRAY BOULEVARD
120m WEST OF KENASTON BOULEVARD
TO WAVERLEY STREET
WIDENING AND REHABILITATION
HORIZONTAL GEOMETRY
STA 1+550NM TO STA 2+050NM

CITY DRAWING NUMBER: P-3294-03
SHEET: 3 OF 44
DRAWING No. 03
REV 0

BID OPPORTUNITY NO. 466-2008