

FILE NAME: W130014-T-005_RX.dwg, Saved By: ddbszpzd, PLOT: 4/9/2014 2:36:24 PM, A1 SIZE 894mm x 841mm

CIRCULAR CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C57	13.000	10.982	48°24'00"	5.842
C58	45.000	16.524	21°02'22"	8.356
C59	15.000	18.598	71°02'19"	10.707
C60	7.500	11.734	89°38'20"	7.453
C61	9.000	7.117	45°18'29"	3.756
C62	17.500	1.317	4°18'44"	0.659
C63	17.500	0.444	1°27'11"	0.222
C64	490.500	1.946	0°13'38"	0.973
C65	100.000	18.556	10°37'54"	9.305
C66	100.000	20.381	11°40'39"	10.226
C67	500.000	3.617	0°24'52"	1.808
C68	492.000	16.941	1°58'22"	8.472
C69	17.500	4.305	14°05'41"	2.163
C70	14.000	21.273	87°03'38"	13.300
C71	500.000	17.688	2°01'37"	8.845

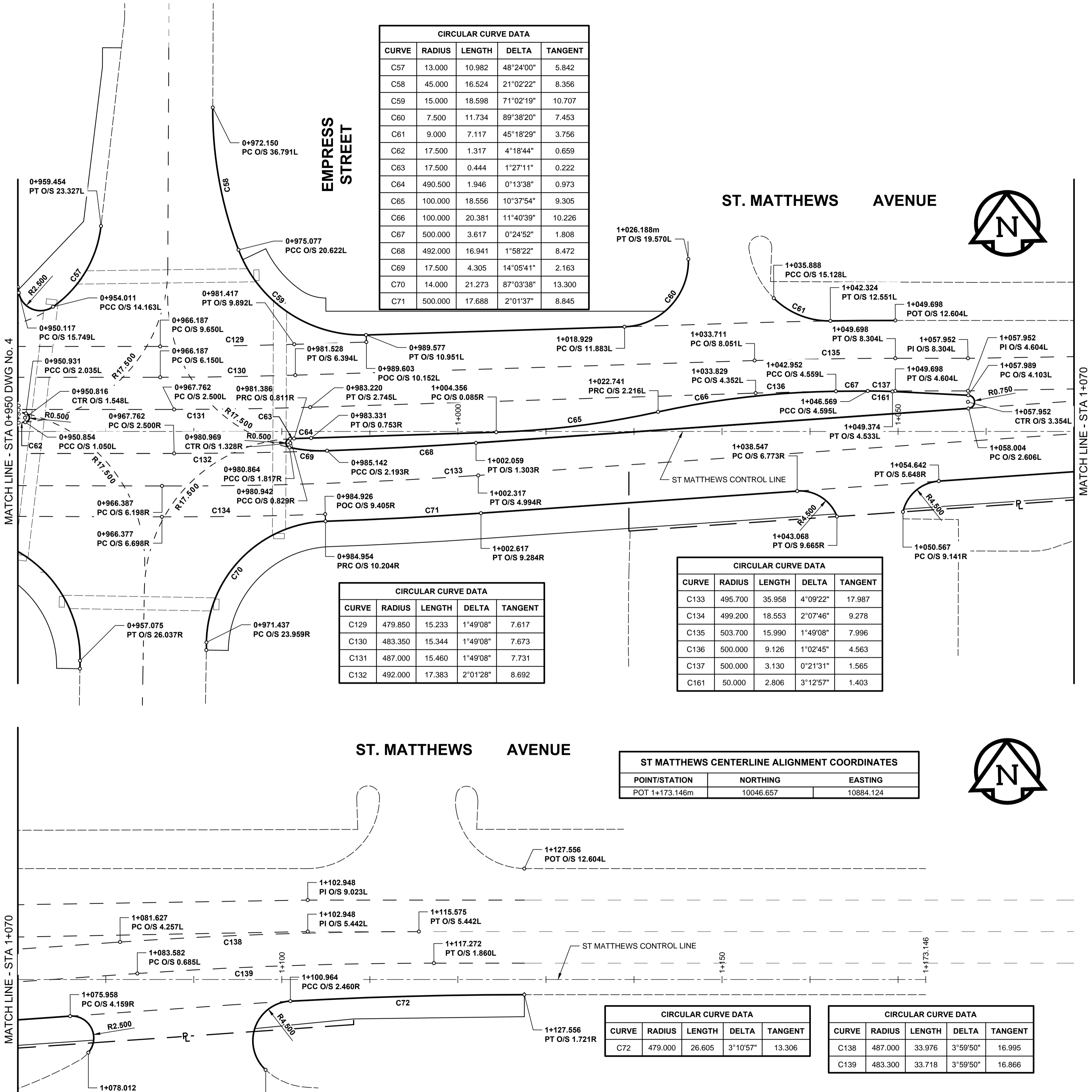
CIRCULAR CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C129	479.850	15.233	1°49'08"	7.617
C130	483.350	15.344	1°49'08"	7.673
C131	487.000	15.460	1°49'08"	7.731
C132	492.000	17.383	2°01'28"	8.692

CIRCULAR CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C133	495.700	35.958	4°09'22"	17.987
C134	499.200	18.553	2°07'46"	9.278
C135	503.700	15.990	1°49'08"	7.996
C136	500.000	9.126	1°02'45"	4.563
C137	500.000	3.130	0°21'31"	1.565
C161	50.000	2.806	3°12'57"	1.403

ST MATTHEWS CENTERLINE ALIGNMENT COORDINATES		
POINT/STATION	NORTHING	EASTING
POT 1+173.146m	10046.657	10884.124

CIRCULAR CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C72	479.000	26.605	3°10'57"	13.306

CIRCULAR CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C138	487.000	33.976	3°59'50"	16.995
C139	483.300	33.718	3°59'50"	16.866



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES

GBM SEE DWG No.1
ELEV SEE DWG No.1

0 ISSUED FOR CONSTRUCTION 14/04/04 RPB
No. REVISIONS YMM/DD BY

MORRISON HERSHFELD

DESIGNED BY WRJ
DRAWN BY DID/DML
HOR. SCALE 1:250
VERT. SCALE
DATE 14/04/04

CHECKED BY RPB
APPROVED BY BWB
RELEASED FOR CONSTRUCTION
DATE APR 4/14

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
R.P. BRUCE

CONSULTANT DRAWING No.
W130014-T-005_RX.dwg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

POLO PARK
INFRASTRUCTURE IMPROVEMENTS
ST. MATTHEWS AVENUE
HORIZONTAL GEOMETRY
STA 0+950 TO STA 1+190

CITY DRAWING NUMBER P-3354-5
SHEET 5 OF 61
DRAWING No. 5 REV 0

SCALE: 1:250
0 5 10 15m

BID OPPORTUNITY No. 210-2014