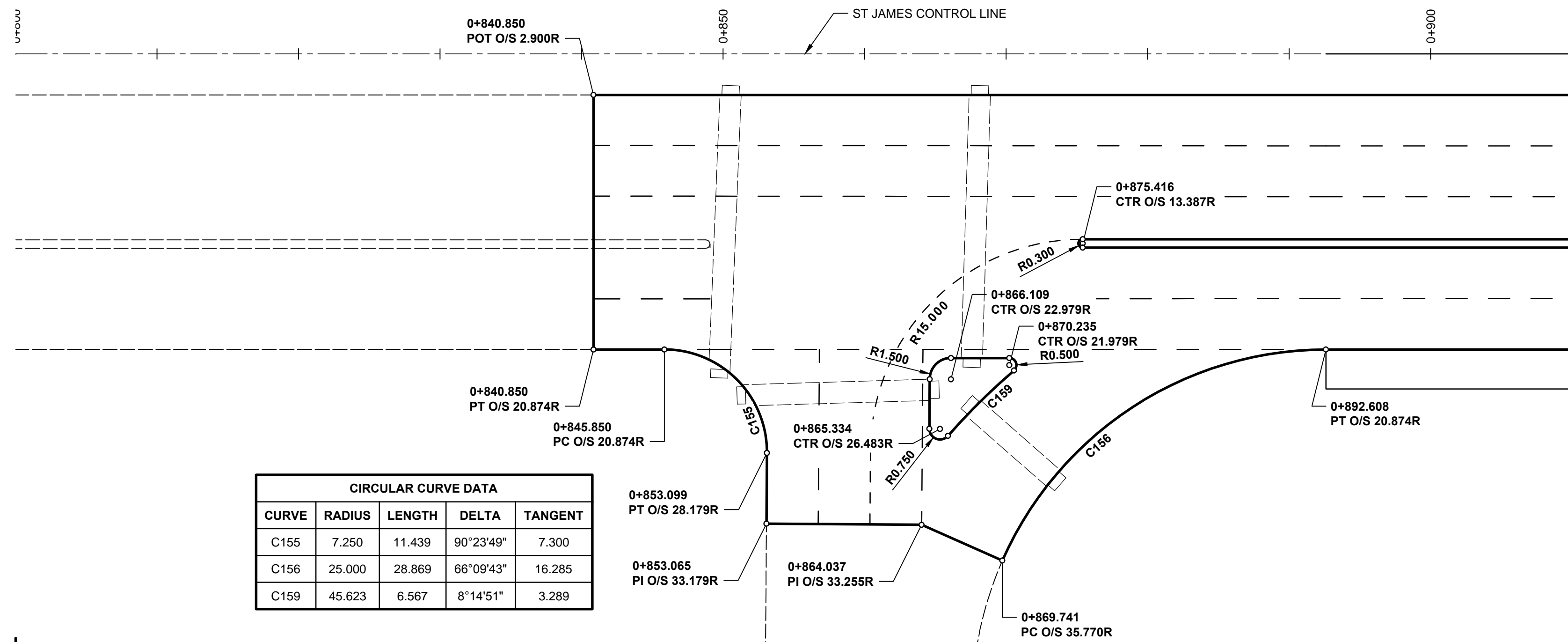
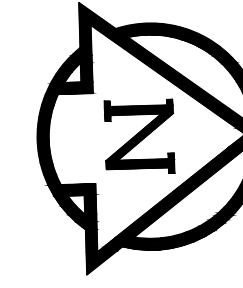


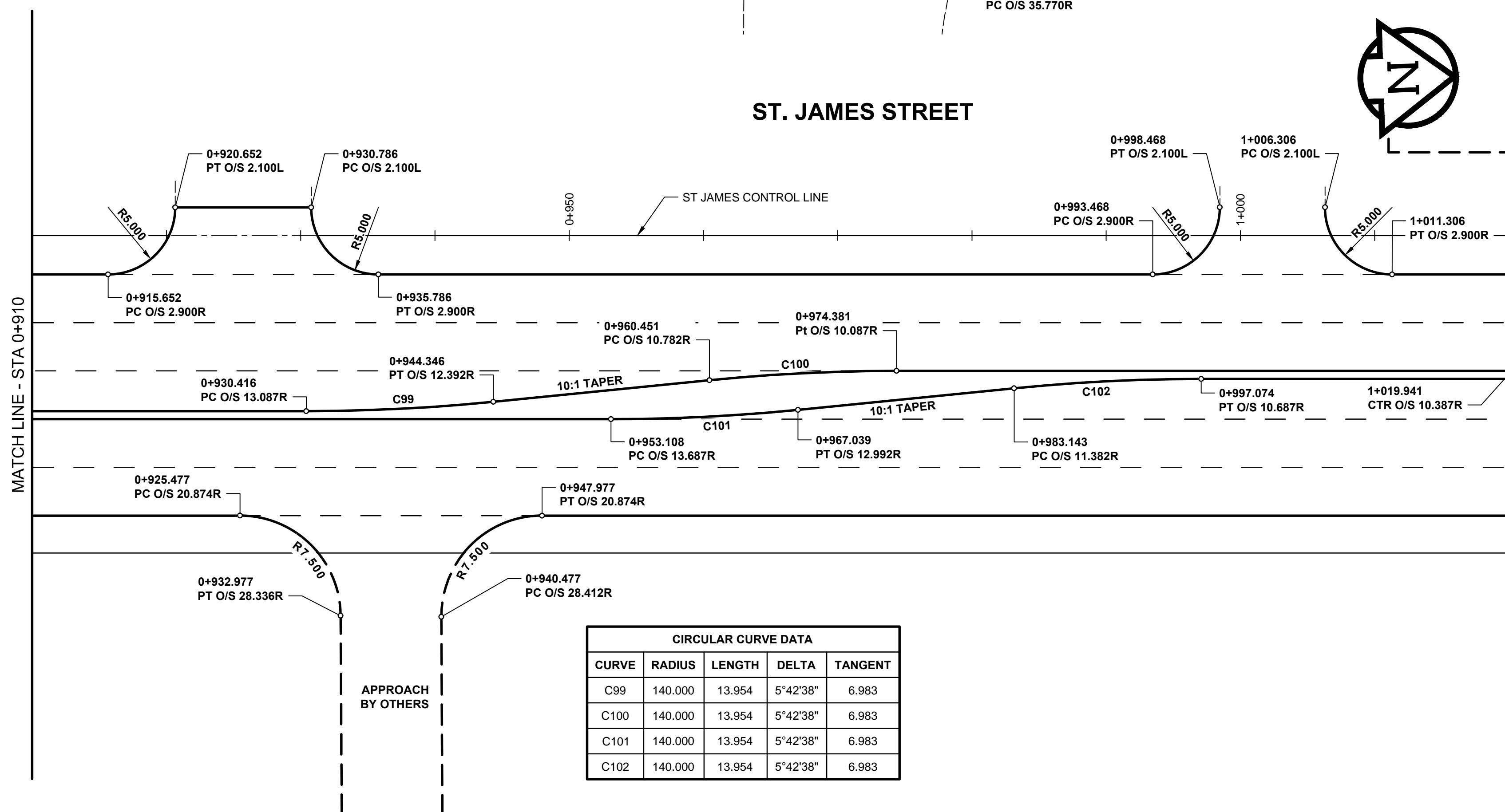
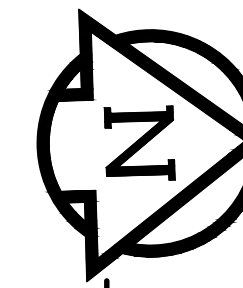
ST JAMES CENTERLINE ALIGNMENT COORDINATES		
POINT/STATION	NORTHING	EASTING
POT 0+800.000	9665.605	10308.847

ST. JAMES STREET

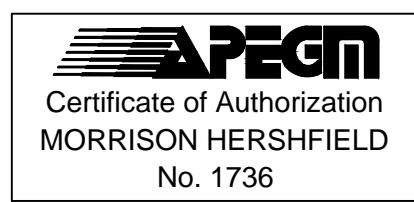
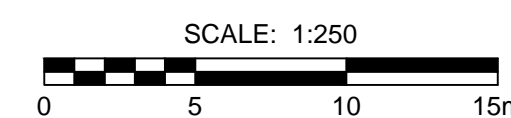


CIRCULAR CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C155	7.250	11.439	90°23'49"	7.300
C156	25.000	28.869	66°09'43"	16.285
C159	45.623	6.567	8°14'51"	3.289

ST. JAMES STREET



CIRCULAR CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C99	140.000	13.954	5°42'38"	6.983
C100	140.000	13.954	5°42'38"	6.983
C101	140.000	13.954	5°42'38"	6.983
C102	140.000	13.954	5°42'38"	6.983



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

POLO PARK
INFRASTRUCTURE IMPROVEMENTS
ST JAMES STREET
HORIZONTAL GEOMETRY
STA 0+800 TO STA 1+020

CITY DRAWING NUMBER
P-3354-9
SHEET 9 OF 61
DRAWING No. 9
REV 0

<p>LOCATION APPROVED UNDERGROUND STRUCTURES</p> <p>SUPR. U/G STRUCTURES COMMITTEE DATE</p> <p>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.</p>	<p>GBM SEE DWG No.1 ELEV SEE DWG No.1</p>	<p>MORRISON HERSHFIELD</p> <p>DESIGNED BY WRJ DRAWN BY DID/DML HOR. SCALE 1:250 VERT. SCALE DATE 14/04/04</p>	<p>CHECKED BY RPB APPROVED BY BWB RELEASED FOR CONSTRUCTION DATE APR 14/14</p>
---	---	--	--

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

A1 SIZE 894mm x 841mm
PLOT: 4/9/2014 2:43:29 PM
FILE NAME: W130014-T-009_RX.dwg Saved By: ddbszpzd