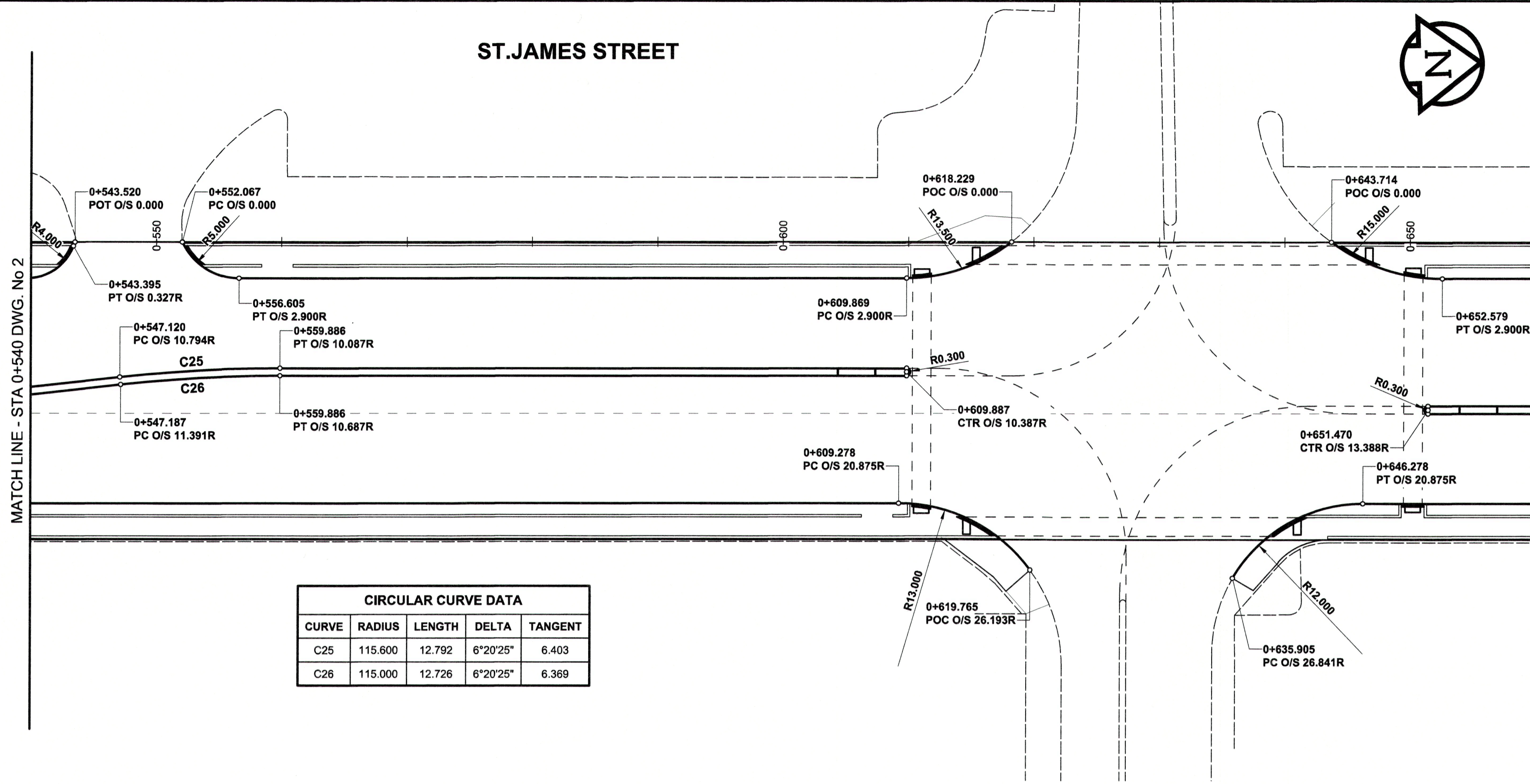
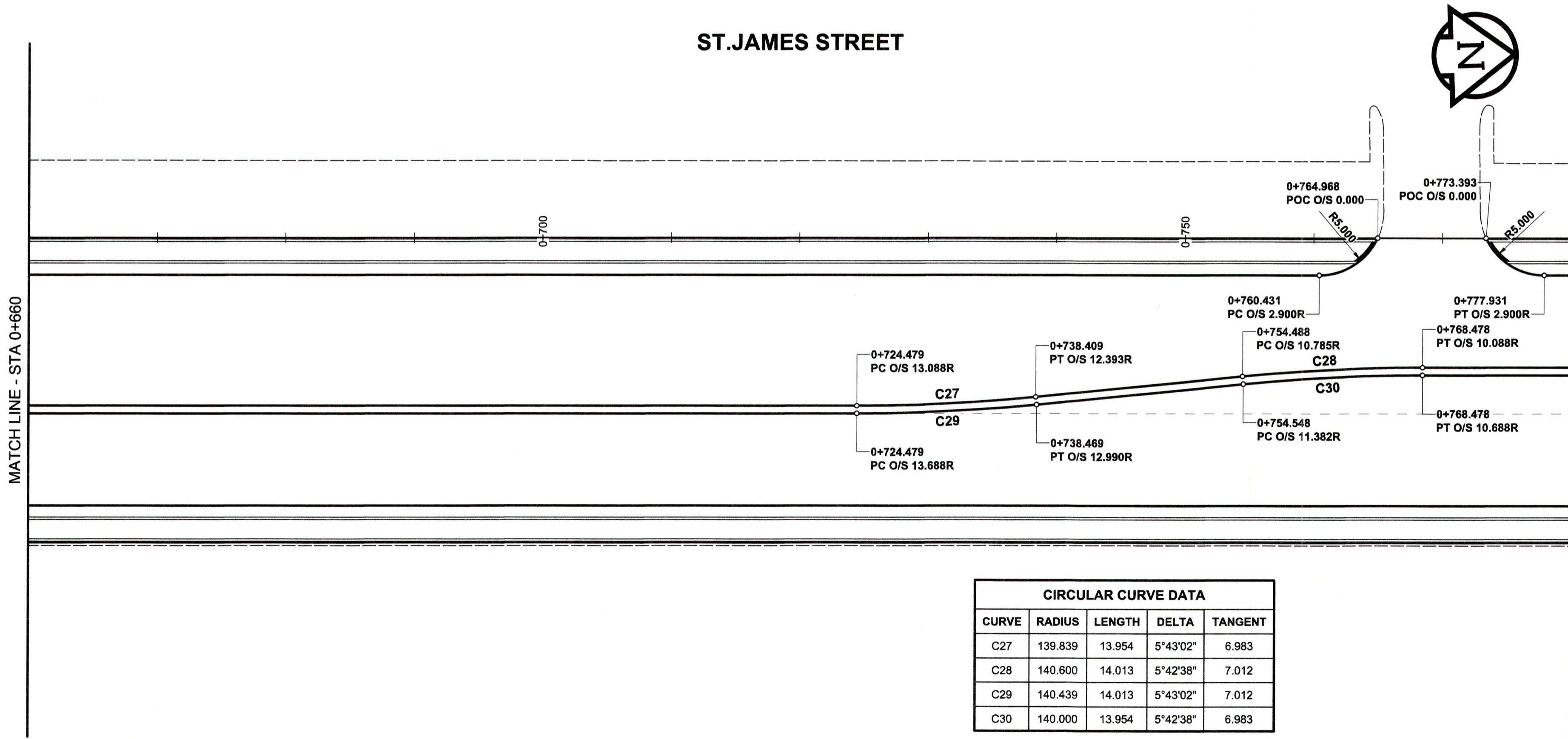


ST.JAMES STREET



CIRCULAR CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C25	115.600	12.792	6°20'25"	6.403
C26	115.000	12.726	6°20'25"	6.369

ST.JAMES STREET



CIRCULAR CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C27	139.839	13.954	5°43'02"	6.983
C28	140.600	14.013	5°42'38"	7.012
C29	140.439	14.013	5°43'02"	7.012
C30	140.000	13.954	5°42'38"	6.983

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	
	GAS		MANHOLE		CONCRETE PAVEMENT		LOCATION APPROVED		BM 38-032 ELEV 234.325 m
	MTS / PEDESTAL		CATCH BASIN / CATCH PIT		CONC SIDEWALK / MEDIAN		SUPR. U/G STRUCTURES		DESIGNED BY WRJ
	HYDRO / CABINET		CURB INLET WITH BOX		ASPHALT PAVEMENT		DATE		CHECKED BY RPB
	CATV / FIBRE OPTIC		TREE		PAVING STONE		NOTE:		APPROVED BY BWB
	TRAFFIC SIGNALS / PIT		TEST HOLE		GRAVEL		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.		RELEASED FOR CONSTRUCTION
	LAND DRAINAGE SEWER		PROPERTY LINE		RAMP CURB		DATE		PROFESSIONAL'S SEAL
	SANITARY/COMBINED SEWER		SURVEY BAR		PLANING / REMOVAL		DATE		CONSULTANT FILE NAME
	CB LEAD / SSP / DCP		FENCE		LEGEND		DATE		CITY DRAWING NUMBER
	WATER MAIN		BOC / EDGE OF PAVEMENT		LEGEND		DATE		SHEET 3 OF 13
	SUBDRAIN		ELEVATION (33.333)		LEGEND		DATE		DRAWING No. 3
	DITCH		TRAFFIC SIGN		LEGEND		DATE		REV 0

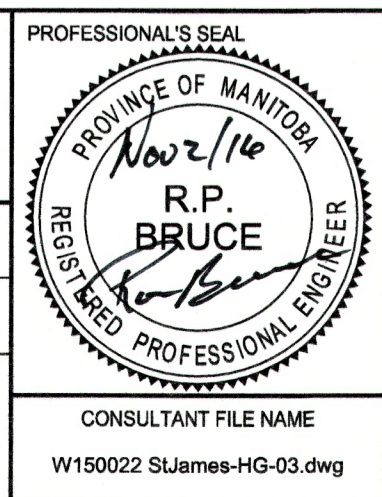
LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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.

No.	REVISIONS	YY/MM/DD	BY
0	ISSUED FOR CONSTRUCTION	16/11/02	RPB

DESIGNED BY	WRJ	CHECKED BY	RPB
DRAWN BY	DID	APPROVED BY	BWB
HOR SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERT SCALE	1:10		
DATE	16/11/02	DATE	Nov 2/16

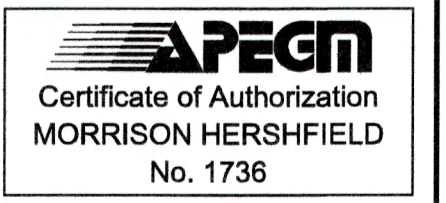


THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2016 REGIONAL STREET RENEWAL PROGRAM
ST.JAMES STREET
RECONSTRUCTION
PORTAGE AVENUE TO MAROONS ROAD
HORIZONTAL GEOMETRY
STA 0+540 TO STA 0+780

CITY DRAWING NUMBER P-3475-3
SHEET 3 OF 13
DRAWING No. 3
REV 0

CONSULTANT FILE NAME: W150022 StJames-HG-03.dwg



BID OPPORTUNITY No. 19-2016