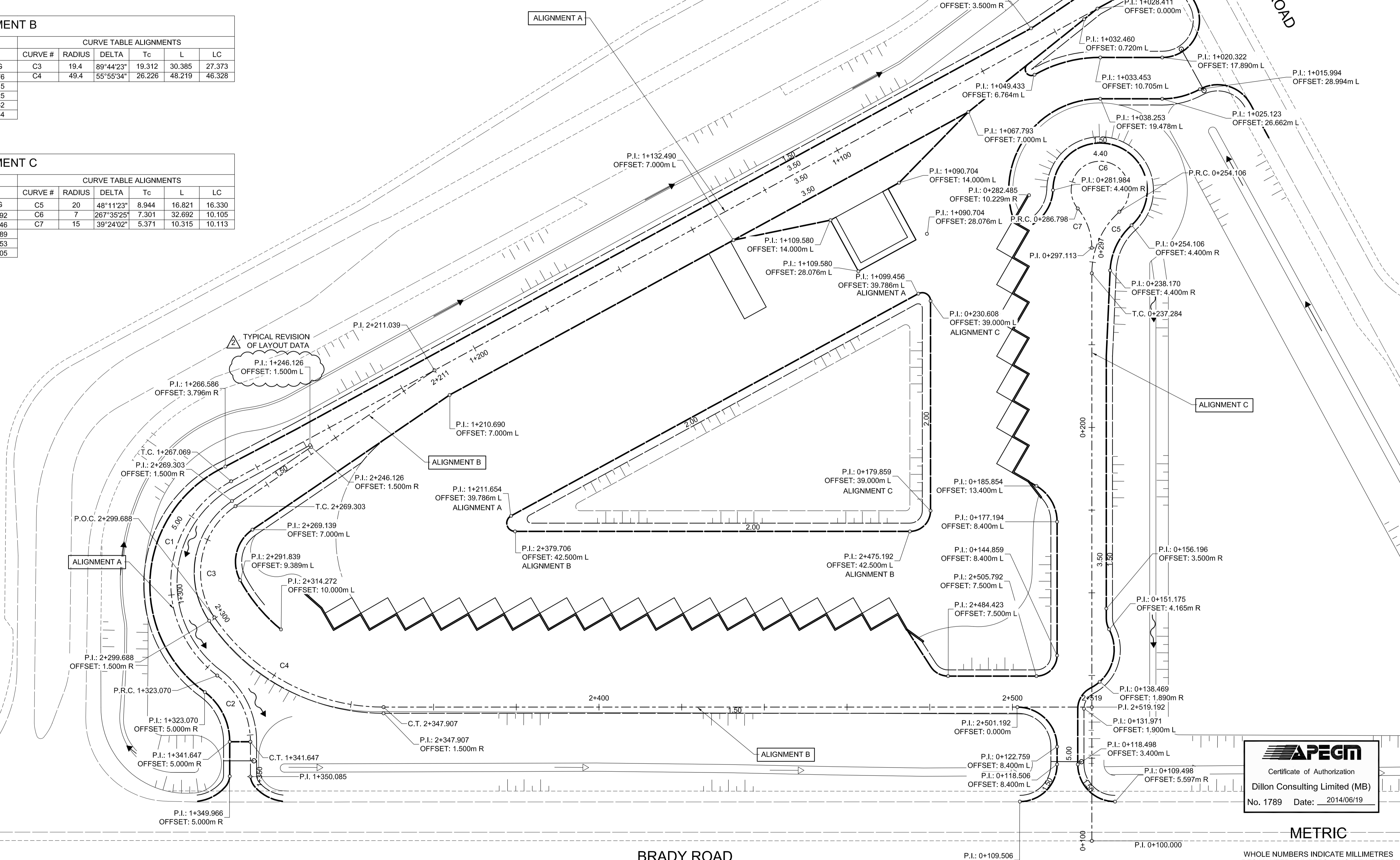




ALIGNMENT A				CURVE TABLE ALIGNMENTS					
CONTROL POINT	STATION	COORDINATES		CURVE #	RADIUS	DELTA	Tc	L	LC
		NORTHING	EASTING						
P.I.	1+000	628667.926	5512888.084	C2	20	53°13'03"	10.019	18.576	17.916
T.C.	1+267.069	628735.112	5513119.787						
R.C.	1+323.070	628688.048	5513122.155						
C.T.	1+341.647	628672.201	5513113.798						
P.I.	1+350.085	628663.765	5513113.621						

ALIGNMENT B				CURVE TABLE ALIGNMENTS					
CONTROL POINT	STATION	COORDINATES		CURVE #	RADIUS	DELTA	Tc	L	LC
		NORTHING	EASTING						
P.I.	2+211.039	5513071.176	628762.976	C3	19.4	89°44'23"	19.312	30.385	27.373
C.T.	2+269.303	5513118.591	628729.115						
R.C.	2+299.688	5513123.155	628702.125						
C.T.	2+347.907	5513081.791	628681.262						
P.I.	2+519.192	5512910.544	628684.844						

ALIGNMENT C				CURVE TABLE ALIGNMENTS					
CONTROL POINT	STATION	COORDINATES		CURVE #	RADIUS	DELTA	Tc	L	LC
		NORTHING	EASTING						
P.I.	0+100	5512909.867	628652.492	C6	20	48°11'23"	8.944	16.821	16.330
T.C.	0+237.284	5512912.738	628789.746						
P.R.C.	0+254.106	5512906.384	628804.789						
P.R.C.	0+286.798	5512916.474	628805.353						
P.I.	0+297.113	5512912.867	628795.905						



**APEGM**  
 Certificate of Authorization  
 Dillon Consulting Limited (MB)  
 No. 1789 Date: 2014/06/19

METRIC  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

150 WM	WATERMAIN	150 WM	MTS	M.T.S.	MTS	150 mm W.M.	WATERMAIN	150 mm W.M.
	HYDRANT VALVE			CONCRETE VALVE			HYDRANT VALVE	
	LAND DRAINAGE SEWER			ASPHALT PLANING			LAND DRAINAGE SEWER	
	WASTE WATER SEWER			SIDEWALK			WASTE WATER SEWER	
	MANHOLE			PAVING STONES			Q PROFILE	
	CATCH BASIN			PROPERTY LINE			NORTH/WEST GUTTER	
	TEST HOLES			SURVEY BAR			SOUTH/EAST GUTTER	
	JUNCTIONS			CURB RAMP			NORTH/WEST T/LANE	
	CULVERT			DITCH			SOUTH/EAST T/LANE	
	GAS			SWALE				
	EXISTING		LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING

UNDERGROUND STRUCTURES		B.M. ELEV.	DESIGNED BY
SUPV. U/G STRUCTURES COMMITTEE	DATE		MRD
			DRAWN BY PMW
			CHECKED BY DBW
			APPROVED BY ARR
			HOR. SCALE 1:500
			VERTICAL
			RELEASED FOR CONSTRUCTION
			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 ALL EXISTENCES AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

**DILLON CONSULTING**

ENGINEER'S SEAL  
 PROVINCE OF MANITOBA  
 M.R. DOUCET  
 2014/06/19  
 REGISTERED PROFESSIONAL ENGINEER  
 MEMBER 22306

CONSULTANT PROJECT NUMBER  
 13-8224

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT

4R WINNIPEG DEPOT  
 BRADY ROAD RESOURCE  
 MANAGEMENT FACILITY

CITY DRAWING NUMBER  
 1-0400A-C0001-001

SHEET 2 OF 35

CONSULTANT DRAWING NUMBER  
 C1

**HORIZONTAL GEOMETRY**

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