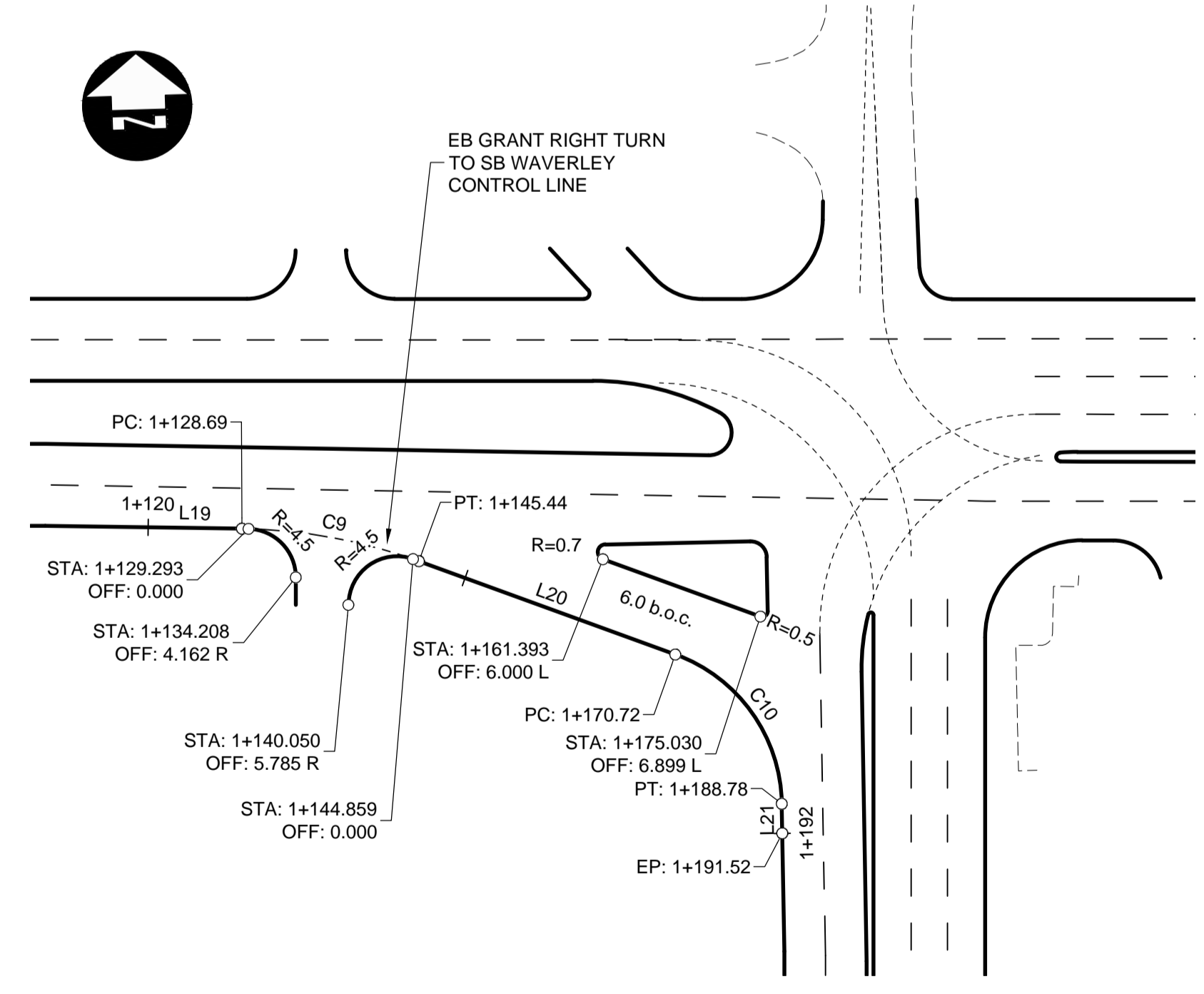


WB GRANT CONTROL LINE						
SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
L10	1+000.000	1+156.917	5524236.056	630748.397	5524231.125	630905.237
L11	1+156.917	1+204.603	5524231.125	630905.237	5524230.076	630952.911
L12	1+204.603	1+284.091	5524230.076	630952.911	5524227.578	631032.360
L13	1+284.091	1+363.557	5524227.578	631032.360	5524224.632	631111.772
L14	1+363.557	1+373.461	5524224.632	631111.772	5524224.320	631121.670
C7	1+373.461	1+478.045	5524224.320	631121.670	5524248.556	631222.123

CURVE DATA					
#	R.	Δc	Tc	L.	L.C.
C7	195.000	30°43'46"	53.583	104.584	103.335

EB GRANT CONTROL LINE						
SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
L15	1+000.025	1+110.419	5524230.210	630748.214	5524226.741	630858.553
L16	1+110.419	1+206.547	5524226.741	630858.553	5524222.120	630954.570
L17	1+206.547	1+284.127	5524222.120	630954.570	5524219.682	631032.112

CURVE DATA					
#	R.	Δc	Tc	L.	L.C.
C8	201.290	29°46'40"	53.517	104.615	103.441



EB GRANT RIGHT TURN TO SB WAVERLEY CONTROL LINE						
SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
L19	1+120.000	1+128.686	5524218.718	630867.783	5524218.328	630876.460
C9	1+128.686	1+145.441	5524218.328	630876.460	5524214.810	630892.761
L20	1+145.441	1+170.720	5524214.810	630892.761	5524205.432	630916.237
C10	1+170.720	1+188.784	5524205.432	630916.237	5524191.299	630925.670
L21	1+188.784	1+191.519	5524191.299	630925.670	5524188.565	630925.633

CURVE DATA					
#	R.	Δc	Tc	L.	L.C.
C9	50.000	19°11'59"	8.457	16.755	16.677
C10	15.000	69°00'00"	10.309	18.064	16.992

LEGEND
 b.o.c. - BACK OF CURB
 f.o.g. - FACE OF 600mm WIDE CURB AND GUTTER PAN

APEGM
 Certificate of Authorization
Dillon Consulting Limited (MB)
 No. 1789 Date: 17/01/09

UNDERGROUND STRUCTURES SUPPLY U/G STRUCTURES DATE	B.M. ELEV.	SEE SHEET C2-CT-007 FOR CONTROL POINT INFORMATION		ENGINEER'S SEAL 	THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT
	DESIGNED BY RTP	CHECKED BY DBW		WAVERLEY STREET UNDERPASS AT CN MILE 3.89 RIVERS SUB CONTRACT 2: UNDERPASS STRUCTURES, RAILWORKS, ROADWORKS, LAND DRAINAGE SEWER, PUMPING STATION AND LANDSCAPING WORKS	
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.	0 ISSUED FOR TENDER NO. REVISIONS	17/01/09 DATE BY	1:500 HORIZONTAL VERTICAL	RELEASED FOR CONSTRUCTION DATE	CONSULTANT PROJECT NUMBER 16-3353
CONTROL LINE GEOMETRY GRANT AVENUE				SHEET 009 OF 081 CONSULTANT DRAWING NUMBER C2-CT-009	

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