PROJECT REFERENCE NO.	SHEET NO.
BR0043	RW2C-2
Location and Surveys	

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BASELINE CONTROL

BL

POINT	DESC.	NORTH	EAST	ELEVATION
10	BL-10	951074.8397	1813133.9050	755.58
1	BR0043-1	950907.2170	1813715.2050	768.07
2	BR0043-2	950743.8700	1814390.8640	766.15
11	BL-11	950631.2503	1814985.7970	762.03
12	BL-12	950623.0661	1815456.3440	758.46
13	BL-13	950597.2513	1816102.3800	761.15
14	BL-14	950925.8604	1816729.9290	762.69
15	BL-15	951294.5540	1817294.4330	752.16

BY

POINT	DESC.	NORTH	EAST	ELEVATION
16	BY-16	952316.2339	1816145.1720	704.70
17	BY-17	951434.4364	1815692.2780	727.30
A12		950623.0661	1815456.3440	758.46
A11		950631.2503	1814985.7970	762.03
18	BY-18	949803.3998	1814749.7860	727.09
19	BY-19	948776.1564	1814250.9700	703.11

BY1

POINT	DESC.	NORTH	EAST	ELEVATION
A13		950597.2513	1816102.3800	761.15
20	BY1-20	950443.3420	1815894.2220	757.67
21	BY1-21	950371.0319	1815634.0520	751.07
22	BY1-22	950014.1689	1815473.5920	749.37
23	BY1-23	949697.4171	1815111.2203	741.78

BENCHMARKS

BM1 ELEVATION - 753.90
N 951463 E 1817027
BL STATION 47+73.00 287 LEFT
RR SPIKE IN A 30"OAK

BM3 ELEVATION - 692.02
N 952235 E 1816209
BL STATION 45+11.00 1381 LEFT
RR SPIKE IN A 36"OAK

BM2 ELEVATION - 742.08
N 950155 E 1815702
BL STATION 31+41.00 457 RIGHT
RR SPIKE IN A 15"MAPLE

BM4 ELEVATION - 669.17
N 948955 E 1814106
BL STATION 18+53.00 1810 RIGHT
RR SPIKE IN A 24"GUM

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	951109.578	1813146.586							
CURVE			S 72°20'15.4" E	286.71	05°38'58.9"(LT)	01°58'11.1"	286.82	143.53	2908.80
PCC	951022.588	1813419.778							
CURVE			S 76°20'54.1" E	59.70	02°22'18.5"(LT)	03°58'22.0"	59.70	29.86	1442.21
PT	951008.499	1813477.789							
LINE			S 77°32'03.4" E	1322.27					
PC	950723.080	1814768.885							
CURVE			S 79°31'52.4" E	72.36	03°59'38.0"(LT)	05°31'06.2"	72.37	36.20	1038.27
PCC	950709.932	1814840.040							
CURVE			S 79°39'45.5" E	72.27	03°43'51.7"(RT)	05°09'41.8"	72.28	36.15	1110.04
PT	950696.963	1814911.138							
LINE			S 77°47'49.6" E	606.28					
PC	950568.812	1815503.718							
CURVE			S 83°38'58.9" E	171.35	11°42'18.5"(LT)	06°49'09.2"	171.65	86.12	840.21
PCC	950549.859	1815674.018							
CURVE			N 79°33'14.4" E	418.12	21°53'14.8"(LT)	05°12'10.7"	420.67	212.93	1101.22
PCC	950625.668	1816085.208							
CURVE			N 65°42'24.7" E	162.72	05°48'24.6"(LT)	03°34'01.8"	162.79	81.46	1606.20
PT	950692.610	1816233.516							
LINE			N 62°48'12.4" E	862.87					
PC	951086.980	1817000.992							
CURVE			N 56°05'46.4" E	121.56	13°24'52.1"(LT)	11°00'35.6"	121.84	61.20	520.40
PT	951154.788	1817101.886							
LINE			N 49°23'20.3" E	175.99					
POT	951269.344	1817235.489							

EY

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	952226.428	1816006.224							
CURVE			S 25°43'42.4" W	63.90	00°09'35.1"(RT)	00°15'00.0"	63.90	31.95	22918.31
PCC	952168.862	1815978.484							
CURVE			S 25°56'00.0" W	133.33	00°15'00.0"(RT)	00°11'15.0"	133.33	66.67	30557.75
PT	952048.955	1815920.174							
LINE			S 26°03'30.0" W	3581.25					
POT	948831.749	1814346.981							

EY1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	951155.047	1814110.976							
CURVE			S 75°41'28.9" W	353.06	60°03'04.7"(RT)	16°14'27.0"	369.76	203.89	352.79
PCC	951067.790	1813768.867							
CURVE			N 75°29'24.7" W	43.99	02°24'52.1"(LT)	05°29'17.7"	43.99	22.00	1043.97
PT	951078.811	1813726.280							
LINE			N 76°41'50.8" W	4.34					
PC	951079.809	1813722.060							
CURVE			N 74°34'58.1" W	43.97	04°13'45.3"(RT)	09°36'58.7"	43.98	22.00	595.82
PCC	951091.498	1813679.672							
CURVE			S 59°59'55.6" W	84.80	95°03'57.9"(LT)	99°40'58.2"	95.37	62.80	57.48
PT	951049.097	1813606.234							
LINE			S 12°27'56.6" W	67.37					
POT	950983.318	1813591.693							

EY2

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	950982.487	1813595.453							
LINE			S 12°27'56.6" W	48.44					
PC	950935.194	1813584.998							
CURVE			S 23°12'40.2" W	204.76	21°29'27.2"(RT)	10°26'04.0"	205.96	104.21	549.10
PT	950935.194	1813584.998							

EY3

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	950690.317	1813642.905							
LINE			N 72°03'57.2" E	94.68					
PC	950719.471	1813732.984							
CURVE			N 86°21'49.3" E	427.34	28°35'44.2"(RT)	06°37'20.4"	431.81	220.50	865.19
PT	950746.574	1814159.463							
LINE			S 79°20'18.6" E	75.22					
PC	950732.658	1814233.388							
CURVE			S 78°31'07.1" E	83.23	01°38'22.9"(RT)	01°58'12.3"	83.23	41.62	2908.29
PT	950716.091	1814314.950							
LINE			S 77°41'55.6" E	428.12					
POT	950624.880	1814733.241							

EY3A

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	950753.641	1814115.822							
LINE			S 07°19'13.6" W	38.22					
PC	950715.732	1814110.952							
CURVE			S 10°53'53.7" W	105.72	07°09'20.2"(RT)	06°45'49.8"	105.79	52.96	847.09
PT	950715.732	1814110.952							

EY4

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	949898.363	1815583.150							
CURVE			N 13°41'41.5" W	217.66	53°18'58.4"(RT)	23°37'16.1"	225.71	121.77	242.56
PCC	950109.834	1815531.619							
CURVE			N 17°53'17.3" E	61.41	09°50'59.1"(RT)	16°01'12.3"	61.48	30.82	357.65
PCC	950168.273	1815550.482							
CURVE			N 28°32'16.9" E	197.53	11°27'00.1"(RT)	05°47'12.7"	197.86	99.26	990.10
PCC	950341.807	1815644.852							
CURVE			N 42°19'16.2" E	91.85	16°06'58.3"(RT)	17°29'15.3"	92.16	46.39	327.64
PCC	950409.722	1815706.696							
CURVE			N 64°37'31.2" E	50.95	28°29'31.7"(RT)	55°20'34.2"	51.48	26.29	103.53
PT	950431.558	1815752.734							
LINE			N 78°52'17.0" E	147.31					
PC	950459.991	1815897.279							
CURVE			N 71°09'39.4" E	255.39	15°25'15.1"(LT)	06°01'12.2"	256.16	128.86	951.75
PT	950542.458	1816138.984							
LINE			N 63°27'01.9" E	360.56					
PC	950703.616	1816461.518							
CURVE			N 60°49'04.2" E	189.37	05°15'55.4"(LT)	02°46'46.3"	189.44	94.78	2061.36
PCC	950795.950	1816626.851							
CURVE			N 55°23'35.3" E	408.79	05°35'02.4"(LT)	01°21'55.6"	408.96	204.64	4196.16
PT	950795.950	1816626.851							

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

REVISIONS

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