PROJECT REFERENCE NO.	SHEET NO.
R-5726	RW2C-10

Location and Surveys

Cardno
CHARLOTTE
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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	540309.543	1830644.148							
CURVE			N 13°11'31.2" W	386.59	10°29'39.4"(RT)	02°42'39.0"	387.13	194.11	2113.60
PT	540685.927	1830555.923							
LINE			N 07°56'41.4" W	430.60					
PC	541112.389	1830496.407							
CURVE			N 06°59'43.2" W	118.33	01°53'56.5"(RT)	01°36'17.3"	118.33	59.17	3570.26
PCC	541229.836	1830481.996							
CURVE			N 00°51'26.0" W	259.08	10°22'38.0"(RT)	04°00'00.0"	259.43	130.07	1432.39
PCC	541488.883	1830478.120							
CURVE			N 06°11'20.8" E	171.37	03°42'55.4"(RT)	02°10'03.6"	171.40	85.73	2643.20
PCC	541659.254	1830496.595							
CURVE			N 07°58'43.9" E	1129.23	00°08'09.1"(LT)	00°00'43.3"	1129.23	564.61	476244.00
PCC	542777.550	1830653.341							
CURVE			N 06°08'44.1" W	441.04	28°06'46.9"(LT)	06°18'37.6"	445.50	227.33	907.95
PCC	543216.059	1830606.125							
CURVE			N 23°44'57.7" W	156.97	07°05'40.4"(LT)	04°31'00.8"	157.07	78.63	1268.48
PT	543359.734	1830542.909							
LINE			N 27°17'47.9" W	1511.14					
PC	544702.596	1829849.905							
CURVE			N 35°54'23.6" W	869.16	17°13'11.4"(LT)	01°58'25.5"	872.44	439.53	2902.88
PCC	545406.594	1829340.173							
CURVE			N 44°50'15.5" W	301.57	00°38'32.4"(LT)	00°12'46.8"	301.57	150.79	26900.24
PCC	545620.439	1829127.536							
CURVE			N 44°35'50.3" W	184.05	01°07'22.9"(RT)	00°36'36.5"	184.06	92.03	9390.57
PCC	545751.497	1828998.307							
CURVE			N 41°16'58.5" W	264.90	05°30'20.7"(RT)	02°04'39.5"	265.00	132.60	2757.72
PCC	545950.557	1828823.534							
CURVE			N 36°27'08.7" W	218.95	04°09'19.0"(RT)	01°53'50.5"	219.00	109.55	3019.75
PCC	546126.673	1828693.442							
CURVE			N 33°01'24.9" W	135.32	02°42'08.4"(RT)	01°59'48.7"	135.33	67.68	2869.30
PCC	546240.129	1828619.696							
CURVE			N 26°07'00.6" W	547.73	11°06'40.3"(RT)	02°01'31.5"	548.59	275.16	2828.82
PCC	546731.931	1828378.585							
CURVE			N 20°19'31.2" W	612.96	00°28'18.3"(RT)	00°04'37.1"	612.97	306.48	74445.75
PCC	547306.729	1828165.672							
CURVE			N 20°00'18.5" W	727.31	00°10'07.1"(RT)	00°01'23.5"	727.31	363.65	247092.22
PCC	547990.150	1827916.858							
CURVE			N 20°10'57.6" W	104.73	00°31'25.2"(LT)	00°30'00.0"	104.74	52.37	11459.16
PT	548088.454	1827880.723							
LINE			N 20°26'40.2" W	270.86					
PC	548342.251	1827786.112							
CURVE			N 31°18'42.3" W	630.59	21°44'04.2"(LT)	03°25'33.8"	634.39	321.05	1672.35
PCC	548880.998	1827458.397							
CURVE			N 42°19'48.4" W	331.38	00°18'08.0"(LT)	00°05'28.3"	331.38	165.69	62824.09
PCC	549125.979	1827235.246							
CURVE			N 42°26'42.0" W	2279.34	00°04'20.9"(RT)	00°00'11.4"	2279.34	1139.67	1802176.53
PCC	550807.962	1825696.961							
CURVE			N 42°27'13.0" W	904.78	00°05'22.8"(LT)	00°00'35.7"	904.78	452.39	578066.02
PT	551475.531	1825086.240							
LINE			N 42°29'54.4" W	884.76					
PC	552127.864	1824488.520							
CURVE			N 53°36'55.8" W	727.30	22°14'02.7"(LT)	03°02'16.6"	731.88	370.60	1886.01
PCC	552559.298	1823903.005							
CURVE			N 69°06'08.6" W	276.58	08°44'23.0"(LT)	03°09'24.7"	276.85	138.69	1814.96
PCC	552657.954	1823644.619							
CURVE			N 73°40'32.9" W	609.43	00°24'25.6"(LT)	00°04'00.5"	609.43	304.72	85769.79
PCC	552829.249	1823059.753							
CURVE			N 73°47'31.1" W	342.33	00°10'29.2"(RT)	00°03'03.8"	342.33	171.17	112225.14
PT	552924.803	1822731.026							
LINE			N 73°42'16.5" W	631.06					
PC	553101.871	1822125.319							
CURVE			N 63°12'43.9" W	1043.08	20°59'05.3"(RT)	02°00'02.1"	1048.94	530.41	2863.95
PCC	553571.976	1821194.179							
CURVE			N 52°37'54.6" W	290.11	00°10'33.2"(LT)	00°03'38.3"	290.11	145.06	94503.46
PCC	553748.056	1820963.610							
CURVE			N 52°28'16.7" W	645.55	00°08'42.5"(RT)	00°01'20.9"	645.55	322.78	254857.39
PCC	554141.301	1820451.655							
CURVE			N 52°27'54.5" W	212.39	00°07'57.9"(LT)	00°03'45.0"	212.39	106.19	91673.24
PT	554270.698	1820283.233							
LINE			N 52°31'53.4" W	2024.98					
PC	555502.545	1818676.030							
CURVE			N 52°34'35.5" W	144.13	00°05'24.3"(LT)	00°03'45.0"	144.13	72.06	91673.25
PT	555590.130	1818561.571							
LINE			N 52°37'17.7" W	236.39					
PC	555733.635	1818373.728							
CURVE			N 54°44'13.8" W	399.04	04°13'52.3"(LT)	01°03'36.4"	399.13	199.66	5404.74
PCC	555964.012	1818047.907							
CURVE			N 59°12'28.0" W	491.84	04°42'36.0"(LT)	00°57'26.5"	491.98	246.13	5984.75
PCC	556215.797	1817625.403							
CURVE			N 61°40'51.9" W	646.90	00°14'11.9"(LT)	00°02'11.7"	646.90	323.45	156635.36
PCC	556522.673	1817055.923							
CURVE			N 61°44'41.3" W	122.35	00°06'33.1"(RT)	00°05'21.3"	122.35	61.18	6419.70
PCC	556580.593	1816948.151							
CURVE			N 61°44'28.9" W	693.06	00°06'08.3"(LT)	00°00'53.1"	693.06	346.53	388168.15
PCC	556908.725	1816337.688							
CURVE			N 61°44'57.0" W	78.83	00°05'12.1"(RT)	00°06'36.0"	78.83	39.41	52090.99
PT	556946.036	1816268.253							
LINE			N 61°42'20.9" W	817.07					
PC	557333.326	1815548.802							
CURVE			N 61°46'14.4" W	332.35	00°07'46.9"(LT)	00°02'20.5"	332.35	166.18	146827.09
PCC	557490.529	1815255.981							
CURVE			N 65°34'18.1" W	267.36	07°28'20.5"(LT)	02°47'34.3"	267.55	133.97	2051.50
PCC	557601.097	1815012.553							
CURVE			N 70°56'43.2" W	169.58	03°16'29.8"(LT)	01°55'51.4"	169.60	84.82	2967.22
PCC	557656.460	1814852.266							
CURVE			N 77°01'47.1" W	332.48	08°53'37.9"(LT)	02°40'20.4"	332.81	166.74	2144.04
PT	557731.083	1814528.270							
LINE			N 81°28'36.0" W	757.58					
PC	557843.365	1813779.058							
CURVE			N 81°11'55.8" W	254.73	00°33'20.4"(RT)	00°13'05.3"	254.73	127.37	26265.71
PT	557882.340	1813527.330							

EY1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	541165.256	1828893.033							
CURVE			N 61°40'02.6" E	670.98	00°30'07.9"(LT)	00°04'29.4"	670.98	335.49	76552.50
PCC	541483.697	1829483.637							
CURVE			N 62°04'21.1" E	207.71	01°18'44.9"(RT)	00°37'54.7"	207.72	103.86	9067.81
PCC	541580.979	1829667.158							
CURVE			N 70°29'47.2" E	180.01	15°32'07.4"(RT)	08°36'14.8"	180.56	90.84	665.91
PCC	541641.076	1829836.835							
CURVE			N 85°44'17.7" E	157.30	14°56'53.5"(RT)	09°28'32.8"	157.75	79.33	604.65
PT	541652.766	1829993.704							
LINE			S 86°47'15.6" E	499.04					
POT	541624.802	1830491.955							

EY2

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	541653.051	1829931.467							
LINE			N 32°51'56.4" E	68.64					
PC	541710.704	1829968.715							
CURVE			N 29°38'50.4" E	94.72	06°26'12.0"(LT)	06°47'31.2"	94.77	47.43	843.58
PCC	541793.022	1830015.569							
CURVE			N 23°14'02.7" E	236.80	06°23'23.3"(LT)	02°41'49.4"	236.92	118.58	2124.39
PCC	542010.615	1830108.982							
CURVE			N 10°41'13.9" E	110.95	18°42'14.4"(LT)	16°46'57.1"	111.45	56.22	341.40
PCC	542119.645	1830129.558							
CURVE			N 04°15'13.7" W	107.12	11°10'40.9"(LT)	10°25'06.6"	107.29	53.82	549.94
PCC	542226.470	1830121.613							
CURVE			N 08°39'49.5" W	268.96	02°21'29.4"(RT)	00°52'36.2"	268.98	134.51	6535.30
PT	542492.361	1830081.098							

EY3

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	542672.734	1830114.808							
CURVE			N 80°00'20.1" E	545.40	01°44'55.6"(LT)	00°19'14.3"	545.42	272.73	17869.74
PT	542767.388	1830651.929							

EY4

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	542764.656	1830651.549							
LINE			N 79°16'05.3" E	454.69					
PC	542849.325	1831098.288							
CURVE			N 78°57'22.3" E	446.35	00°37'26.1"(LT)	00°08'23.2"	446.35	223.18	40990.51
PCC	542934.828	1831536.374							
CURVE			N 79°05'40.9" E	327.26	00°54'03.3"(RT)	00°16'31.0"	327.26	163.64	20813.01
PT	542996.741	1831857.726							
LINE			N 79°32'42.6" E	364.33					
PC	543062.852	1832216.005							
CURVE			N 75°15'26.1" E	125.69	08°34'33.0"(LT)	06°48'59.0"	125.81	63.02	840.56
PCC	543094.839	1832337.562							
CURVE			N 65°07'51.2" E	92.77	11°40'36.7"(LT)	12°33'56.3"	92.93	46.62	455.97
PCC	543133.852	1832421.726							
CURVE			N 57°20'27.1" E	191.79	03°54'11.6"(LT)	02°02'05.3"	191.82	95.95	2815.77
PT	543237.347	1832583.189							
LINE			N 55°23'21.3" E	467.28					
PC	543502.763	1832967.778							
CURVE			N 55°33'04.4" E	399.80	00°19'26.2"(RT)	00°04'51.7"	399.80	199.90	70708.78
PCC	543728.915	1833297.462							
CURVE			N 55°37'31.0" E	235.34	00°10'33.1"(LT)	00°04'29.0"	235.34	117.67	76676.73
PCC	543861.789	1833491.703							
CURVE			N 55°41'11.2" E	787.51	00°17'53.5"(RT)	00°02'16.3"	787.51	393.75	151307.94
PT	544305.723	1834142.156							

EY5

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	542660.386	1831798.494							
CURVE			N 01°24'42.7" E	71.95	01°00'56.5"(LT)	01°24'41.7"	71.95	35.98	4058.95
PT	542732.317	1831800.267							
LINE			N 00°54'14.4" E	155.57					
PC	542887.869	1831802.721							
CURVE			N 04°43'10.2" W	97.47	11°14'49.2"(LT)	11°31'12.3"	97.63	48.97	497.36
PT	542985.011	1831794.702							

EY6

POINT	N	E	BEARING	DIST
POT	543038.000	1832081.323		
LINE			N 01°04'54.7" E	341.58
POT	543379.522	1832087.772		

EY7

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	543591.592	1833096.796							
CURVE			N 16°58'02.5" E	591.14	00°40'15.8"(LT)	00°06'48.7"	591.15	295.58	50473.04
PT	544157.005	1833269.308							

EY8

POINT	N	E	BEARING	DIST
POT	543370.534	1830537.335		
LINE			N 71°24'57.4" E	371.82
POT	543489.030	1830889.765		

EY9

POINT	N	E	BEARING	DIST
POT	543711.161	1830361.549		
LINE			N 52°42'18.4" E	380.41
POT	543941.656	1830664.174		

EY10

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	544071.176	1830175.759							
CURVE			N 63°16'25.1" E	383.37	00°57'07.0"(RT)	00°14'53.9"	383.37	191.69	23074.48
PT	544243.587	1830518.168							

EY11

POINT	N	E	BEARING	DIST
POT	544375.945	1830018.478		
LINE			N 62°24'12.1" E	403.24
POT	544562.745	1830375.846		

EY12

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	544829.702	1829344.420							
CURVE			N 26°52'00.3" W	51.60	08°19'42.3"(RT)	16°07'39.5"	51.64	25.87	355.26
PCC	544875.728	1829321.103							
CURVE			N 18°26'21.0" E	74.23	82°17'00.3"(RT)	101°33'33.3"	81.02	49.29	56.42
PCC	544946.152	1829344.584							
CURVE			N 58°47'55.3" E	299.98	01°33'51.6"(LT)	00°31'17.3"	299.99	150.00	10987.47
PT	545101.556	1829601.173							

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.

6/2/99
REVISIONS
03-OCT-2018 14:36
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