

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
A-0009-C	RW02C-56
Location and Surveys	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1	BL -1		607480.8260	568146.0580	1993.46
2	BL -2		607668.6540	568423.9930	1992.40
3	BL -3		607975.2340	568973.6670	1998.76
4	BL -4		607895.6970	569695.5230	2012.80
5	BL -5		607664.7910	570164.0000	2013.94
6	BL -6		607499.3880	570616.0120	2015.91
7	BL -7		607337.3140	571059.8600	2020.97
8	BL -8		607188.9590	571436.3810	2015.83
9	BL -9		607008.3250	571960.6260	2023.68
10	BL -10		606851.1840	572395.1610	2036.09
11	BL -11		606835.5810	572745.4190	2045.11
GPS5	A0009C-5		607061.2380	573293.1200	2060.95
12	BL -12		607391.1830	573795.7120	2097.53
13	BL -13		607663.3560	574364.8790	2139.38
14	BL -14		607670.8580	574860.6500	2157.62
15	BL -15		607547.9820	575334.7410	2161.09
16	BL -16		607453.2850	576050.4320	2138.21
17	BL -17		607648.7420	576599.1850	2112.89
18	BL -18		608143.3850	576938.7680	2084.57
19	BL -19		608772.5500	577402.4760	2087.33
20	BL -20		609212.6580	577878.2080	2105.61
GPS7	A0009C-7		609410.9490	578471.3700	2105.62
21	BL -21		609631.0670	579169.3910	2120.08
22	BL -22		609900.2280	579995.4600	2143.59
23	BL -23		610179.2680	580857.8860	2150.87
24	BL -24		610376.2540	581461.9310	2155.15
25	BL -25		610560.2610	582027.5120	2160.21
26	BL -26		610924.7490	582430.3420	2168.99
27	BL -27		611457.8380	582822.4360	2178.94
28	BL -28		612053.8860	583254.4340	2187.77
29	BL -29		612599.1420	583666.0720	2197.33
30	BL -30		612783.3070	584100.4350	2202.40
GPS9	A0009C-9		612913.2580	584695.7140	2208.43
31	BL -31		613055.7330	585366.3940	2217.12
32	BL -32		613221.8360	586178.6200	2228.54
33	BL -33		613574.5010	586706.2820	2234.82
34	BL -34		614067.4120	587191.5890	2245.18
35	BL -35		614664.9920	587814.9680	2262.31
36	BL -36		615091.2660	588382.2260	2274.06
37	BL -37		615469.1960	588836.7060	2287.81
38	BL -38		615948.6020	589168.9120	2301.93
39	BL -39		616494.7660	589416.3220	2316.28
GPS11	A0009C-11		617324.4280	589561.2440	2335.15
40	BL -40		617874.8580	589687.9530	2353.90
41	BL -41		618420.5900	589810.2160	2392.11
42	BL -42		618968.9160	589996.9380	2439.77
43	BL -43		619404.8890	590492.6090	2489.55
44	BL -44		619919.5370	590902.2820	2544.28
45	BL -45		620597.1760	591057.1780	2599.60
46	BL -46		621020.7940	591422.4830	2643.76
47	BL -47		621188.0490	591920.5580	2684.81
48	BL -48		621540.1460	592296.4520	2724.38
49	BL -49		621890.8420	592554.1220	2760.76
50	BL -50		622282.7570	593217.4850	2822.43
GPS13	A0009C-13		622270.7170	593578.2810	2849.80
51	BL -51		621928.8920	593815.8700	2880.42
52	BL -52		621311.4490	593648.1260	2924.14
53	BL -53		620845.9440	593442.8150	2961.77
54	BL -54		620272.7540	593436.8130	3001.33
55	BL -55		619821.2230	593190.3870	3037.94
56	BL -56		619313.5090	593159.2730	3072.25
57	BL -57		618744.5480	593199.0420	3111.86
GPS15	A0009C-15		618530.1870	593483.6780	3128.98
GPS16	A0009C-16		618695.0490	593826.6310	3133.05
58	BL -58		619036.0340	594022.1770	3122.53
59	BL -59		619437.9470	594211.7200	3100.95
60	BL -60		619776.2050	594618.6070	3060.18
61	BL -61		620124.3470	594920.6190	3029.73
62	BL -62		620691.0820	595016.2590	2990.54
GPS17	A0009C-17		621003.0840	595356.0870	2958.21
GPS18	A0009C-18		621064.6070	596036.0000	2910.01
63	BL -63		621692.4700	596453.4800	2863.40
64	BL -64		622233.7870	596739.2000	2835.09
65	BL -65		622582.2170	596619.6530	2803.93
66	BL -66		622973.4180	596234.8630	2760.57
67	BL -67		623508.1470	596025.7490	2713.87
68	BL -68		624402.3910	595816.8510	2673.09
69	BL -69		624613.5480	595723.7020	2634.00
GPS19	A0009C-19		625233.1270	596132.9040	2577.91
GPS20	A0009C-20		626011.6230	596470.4230	2510.58

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
GPS1	A0009C-1		608026.2410	567925.9280	1990.27
70	BL -70		607787.1890	568057.8430	1992.29
81	BL -1		607480.8260	568146.0580	1993.46
71	BL -71		607129.5170	568082.9430	1996.57
72	BL -72		606909.6870	567957.3210	1998.83
73	BY1-73		606655.7600	567978.5330	2000.34
BY14	37-0020	BY1-4	606487.2560	567958.7680	2002.49
8L1	37-0020	BL-1	606304.6550	567974.9810	2004.20
BY13	37-0020	BY1-3	606116.8260	568009.0020	2004.87
74	BY1-74		605917.0380	568072.0300	2007.27
75	BY1-75		605574.2960	568141.7460	2010.67
76	BY1-76		605137.8990	568300.2280	2016.71
77	BY1-77		604679.2980	568472.5590	2023.55
GPS3	A0009C-3		604306.4560	568686.9910	2023.79
BY3	POINT	DESC.	NORTH	EAST	ELEVATION
872	BY1-72		606909.6870	567957.3210	1998.83
78	BY3-78		606721.8800	568115.0010	1996.20
BY4	POINT	DESC.	NORTH	EAST	ELEVATION
79	BY4-79		606945.1130	567521.5510	2022.32
80	BY4-80		606772.0230	567761.9900	2011.66
BY14	37-0020	BY1-4	606487.2560	567958.7680	2002.49
BY5	POINT	DESC.	NORTH	EAST	ELEVATION
BBL1	37-0020	BL-1	606304.6550	567974.9810	2004.20
BL2	37-0020	BL-2	606326.8200	568195.8070	2002.82
81	BY5-81		606347.5430	568394.8310	1997.00
G100	37-0020	GPS-100	606393.0410	568537.8980	1999.19
82	BY5-82		606497.5480	568790.9510	2008.98
83	BY5-83		606654.7710	569036.2550	2020.81
91	BY9-91		606757.2530	569284.7900	2028.99
84	BY5-84		606942.5900	569105.8710	2029.11
85	BY5-85		607203.9050	568976.8430	2035.48
86	BY5-86		607523.3980	568999.6830	2035.73
87	BY5-87		607782.3720	569110.8320	2037.37
88	BY5-88		607862.7850	569372.9780	2026.12
BB4	BL-4		607895.6970	569695.5230	2012.80
BY10	POINT	DESC.	NORTH	EAST	ELEVATION
92	BY10-92		608436.8970	569737.0970	1991.61
84	BL-4		607895.6970	569695.5230	2012.80
BY13	POINT	DESC.	NORTH	EAST	ELEVATION
93	BY13-93		607021.7880	572659.0690	2029.79
B10	BL-10		606851.1840	572395.1610	2036.09
BY14	POINT	DESC.	NORTH	EAST	ELEVATION
94	BY14-94		607398.5460	573392.9230	2050.28
BGPS5	A0009C-5		607061.2380	573293.1200	2060.95

BY15	POINT	DESC.	NORTH	EAST	ELEVATION
B13	BL-13		607663.3560	574364.8790	2139.38
95	BY15-95		607498.8190	574666.8040	2150.10
BY16	POINT	DESC.	NORTH	EAST	ELEVATION
B15	BL-15		607547.9820	575334.7410	2161.09
96	BY16-96		607399.3180	574980.5940	2165.30
97	BY16-97		607474.2510	575425.5600	2137.91
BY17	POINT	DESC.	NORTH	EAST	ELEVATION
B16	BL-16		607453.2850	576050.4320	2138.21
98	BY17-98		607364.1270	576184.5940	2120.10
99	BY17-99		607446.5980	576478.5560	2087.59
BY18	POINT	DESC.	NORTH	EAST	ELEVATION
100	BY18-100		608788.9920	577195.9890	2087.10
B19	BL-19		608772.5500	577402.4760	2087.33

I, Mark A. Parris, PLS, certify that the Project Control was verified under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: Static, OPUS, RTN
 Dates of survey: 2/2020-3/2020
 Datum/Epoch: 2010.0000
 Published/Fixed-control use: N/A
 Localized around: A0009C-10
 Northing: 612531.117
 Easting: 584817.003
 Combined grid factor: 0.999772236
 Geoid model: 18 CONUS
 Units: English

I also certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from 3/2020 to 5/2020, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 21st day of December, 2020.

DocuSigned by:

 F51370C885C728A
 Professional Land Surveyor L-4529

NOTES:

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