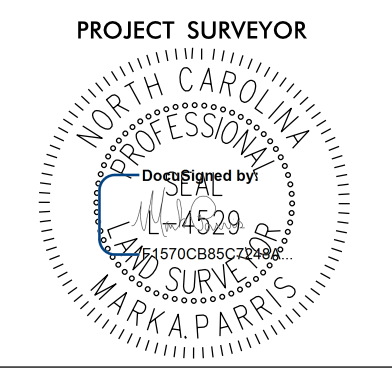


SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
A-0009CD	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		624042.3910	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

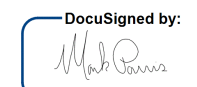
BY15	POINT	DESC.	NORTH	EAST	ELEVATION
B13	BL -13		607663.3560	574364.8790	2139.38
95	BY15-95		607498.8190	574666.8040	2150.10
BY16	POINT	DESC.	NORTH	EAST	ELEVATION
B15	BL -15		607547.9820	575334.7410	2161.09
96	BY16-96		607399.3180	574980.5940	2165.30
97	BY16-97		607474.2510	575425.5600	2137.91
BY17	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 field procedure: Static, OPUS, RTN 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.


 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

25-JAN-2021 10:24:7
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 Jcgordon