
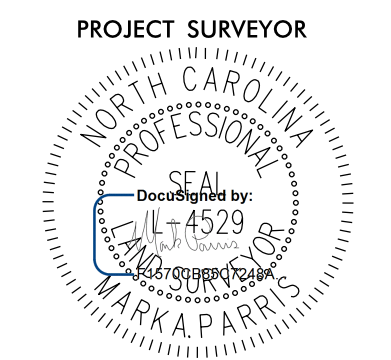


SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. A-0009-C	SHEET NO. RW02C-59
Location and Surveys	
	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

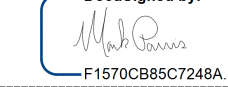
EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
CURVE				124.26	12*27'00.0"(LT)	10*00'00.0"	124.50	62.50	572.96				
CS	621322.082	592084.956	N 53*06'00.0" E										
SPIRAL			N 40*12'26.9" E	199.73						10*00'00.0"(LT)	200.00	133.55	66.86
ST	621474.618	592213.893											
LINE			N 36*52'30.0" E	142.18									
TS	621588.358	592299.214											
SPIRAL			N 38*52'29.3" E	199.90						06*00'00.0"(RT)	200.00	133.41	66.74
SC	621743.986	592424.677											
CURVE			N 47*44'30.0" E	162.03	09*44'00.0"(RT)	06*00'00.0"	162.22	81.31	954.93				
CS	621852.945	592544.597											
SPIRAL			N 56*36'30.7" E	199.90						06*00'00.0"(RT)	200.00	133.41	66.74
ST	621962.963	592711.501											
LINE			N 58*36'30.0" E	385.31									
TS	622163.667	593040.415											
SPIRAL			N 65*36'01.2" E	298.21						21*00'00.0"(RT)	300.00	201.43	101.30
SC	622286.858	593311.993											
CURVE			S 50*29'00.0" E	626.17	99*49'00.0"(RT)	14*00'00.0"	712.98	486.15	409.26				
CS	621888.423	593795.048											
SPIRAL			S 13*25'58.8" W	298.21						21*00'00.0"(RT)	300.00	201.43	101.30
ST	621598.368	593725.771											
LINE			S 20*25'30.0" W	538.56									
TS	621093.672	593537.825											
SPIRAL			S 17*05'33.1" W	199.73						10*00'00.0"(LT)	200.00	133.55	66.86
SS	620902.764	593479.122											
SPIRAL			S 03*45'26.9" W	199.73						10*00'00.0"(LT)	200.00	133.55	66.86
ST	620703.464	593466.033											
LINE			S 00*25'30.7" W	111.15									
TS	620592.317	593465.208											
SPIRAL			S 03*45'26.9" W	199.73						10*00'00.0"(RT)	200.00	133.55	66.86
SC	620393.017	593452.119											
CURVE			S 14*58'30.0" W	90.90	09*06'00.0"(RT)	10*00'00.0"	91.00	45.60	572.96				
CS	620305.200	593428.630											
SPIRAL			S 26*11'33.1" W	199.73						10*00'00.0"(RT)	200.00	133.55	66.86
ST	620125.980	593340.471											
LINE			S 29*31'30.0" W	49.21									
TS	620083.162	593316.221											
SPIRAL			S 27*01'31.3" W	149.89						07*30'00.0"(LT)	150.00	100.09	50.08
SC	619949.643	593248.115											
CURVE			S 17*08'30.0" W	97.55	09*46'00.0"(LT)	10*00'00.0"	97.67	48.95	572.96				
CS	619856.427	593219.365											
SPIRAL			S 07*15'28.7" W	149.89						07*30'00.0"(LT)	150.00	100.09	50.08
ST	619707.743	593200.428											
LINE			S 04*45'30.0" W	117.27									
TS	619590.879	593190.701											
PC			S 02*38'00.0" W	212.45	04*15'00.0"(LT)	02*00'00.0"	212.50	106.30	2864.79				
CURVE			S 00*30'30.0" W	368.42									
PT	619378.652	593180.940											
LINE			S 05*07'15.0" E	199.23						16*54'00.0"(LT)	200.00	133.95	67.22
TS	619010.249	593177.671											
SPIRAL			S 74*29'30.0" E	575.65	116*12'00.0"(LT)	16*54'00.0"	687.57	544.67	339.03				
SC	618811.816	593195.454											
CURVE			N 36*08'15.0" E	199.23						16*54'00.0"(LT)	200.00	133.95	67.22
CS	618657.900	593750.146											
SPIRAL			N 30*30'30.0" E	410.40									
ST	618818.797	593867.635											
LINE			N 31*50'29.8" E	199.96						04*00'00.0"(RT)	200.00	133.37	66.70
TS	619172.381	594075.982											
SPIRAL			N 38*15'30.0" E	187.37	07*30'00.0"(RT)	04*00'00.0"	187.50	93.88	1432.39				
SC	619342.246	594181.473											
CURVE			N 44*40'30.2" E	199.96						04*00'00.0"(RT)	200.00	133.37	66.70
CS	619489.371	594297.492											
SPIRAL			N 46*00'30.0" E	379.05									
ST	619631.561	594438.079											
LINE			N 42*40'33.1" E	199.73						10*00'00.0"(LT)	200.00	133.55	66.86
TS	619894.832	594710.783											
SPIRAL			N 26*30'30.0" E	189.13	19*00'00.0"(LT)	10*00'00.0"	190.00	95.88	572.96				
SC	620041.673	594846.169											
CURVE			N 10*20'26.9" E	199.73						10*00'00.0"(LT)	200.00	133.55	66.86
CS	620210.920	594930.584											
SPIRAL			N 07*00'30.0" E	1.54									
ST	620407.406	594966.436											
LINE			N 10*20'26.9" E	199.73						10*00'00.0"(RT)	200.00	133.55	66.86
TS	620408.936	594966.624											
SPIRAL			N 44*45'30.0" E	533.55	55*30'00.0"(RT)	10*00'00.0"	555.00	301.45	572.96				
SC	620605.422	595002.476											
CURVE			N 80*50'36.1" E	249.47						12*30'00.0"(RT)	250.00	167.08	83.71
CS	620984.290	595378.162											
SPIRAL			N 85*00'30.0" E	50.12									
ST	621023.989	595624.454											
LINE			N 81*40'33.1" E	199.73						10*00'00.0"(LT)	200.00	133.55	66.86
TS	621028.350	595674.381											
SPIRAL			N 57*00'30.0" E	354.11	36*00'00.0"(LT)	10*00'00.0"	360.00	186.17	572.96				
SC	621057.266	595872.006											
CURVE			N 32*20'26.9" E	199.73						10*00'00.0"(LT)	200.00	133.55	66.86
CS	621250.883	596169.013											
SPIRAL			N 29*00'30.0" E	678.77									
ST	621418.831	596275.859											
LINE			N 24*25'38.1" E	199.49						13*45'00.0"(LT)	200.00	133.74	67.03
TS	622012.451	596605.022											
SPIRAL			N 08*52'00.0" W	340.63	48*15'00.0"(LT)	13*45'00.0"	350.91	186.62	416.70				
SC	622194.083	596687.517											
CURVE			N 42*09'38.1" W	199.49						13*45'00.0"(LT)	200.00	133.74	67.03
CS	622530.644	596635.014											
SPIRAL			N 46*44'30.0" W	50.90									
ST	622678.518	596501.115											
LINE			N 43*39'32.5" W	199.77						09*15'00.0"(RT)	200.00	133.52	66.83
TS	622713.396	596464.049											
SPIRAL			N 33*52'52.5" W	78.01	07*13'15.0"(RT)	09*15'00.0"	78.06	39.08	619.41				
SC	622857.921	596326.136											
CURVE			N 24*06'12.5" W	199.77						09*15'00.0"(RT)	200.00	133.52	66.83
CS	622922.686	596282.647											
SPIRAL													
ST	623105.036	596201.064											

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.

Designed by:

 F1570CB85C7248A
 Professional Land Surveyor L-4529

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