


# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.204	RW02C-1
<b>Location and Surveys</b>	
LOCATION AND SURVEYS, DIVISION 14 122 BONNIE LANE SYLVA, NC 28779	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	605436.155	735459.131	S 60°58'22.6" E	166.34					
LINE									
PC	605355.443	735604.577	S 60°37'19.7" E	306.13	00°42'05.8"(RT)	00°13'45.1"	306.13	153.07	25000.00
CURVE									
PCC	605205.267	735871.339	S 58°31'18.9" E	183.17	03°29'55.9"(RT)	01°54'35.5"	183.20	91.63	3000.00
CURVE									
PT	605109.620	736027.554	S 56°46'21.0" E	162.46					
LINE									
PC	605020.598	736163.452	S 63°13'34.0" E	269.76	12°54'26.1"(LT)	04°46'28.7"	270.33	135.74	1200.00
CURVE									
PCC	604899.080	736404.289	S 76°13'01.0" E	273.24	13°04'27.9"(LT)	04°46'28.7"	273.83	137.51	1200.00
CURVE									
PT	604833.982	736669.657	S 82°45'15.0" E	278.58					
LINE									
PC	604798.845	736946.016	N 86°18'31.0" E	370.74	21°52'28.0"(LT)	05°51'52.1"	373.00	188.80	977.00
CURVE									
PCC	604822.714	737315.986	N 67°22'18.8" E	244.10	15°59'56.6"(LT)	06°31'59.4"	244.89	123.25	877.00
CURVE									
PCC	604916.630	737541.291	N 54°49'54.3" E	193.80	09°04'52.3"(LT)	04°40'51.7"	194.00	97.20	1224.00
CURVE									
PT	605028.253	737699.713	N 50°17'28.2" E	116.23					
LINE									
PC	605102.513	737789.132	N 50°05'59.6" E	100.15	00°22'57.2"(LT)	00°22'55.1"	100.15	50.08	15000.00
CURVE									
PT	605166.757	737865.966	N 49°54'31.0" E	88.26					
LINE									
PC	605223.599	737933.490	N 50°04'59.5" E	91.41	00°20'57.0"(RT)	00°22'55.1"	91.41	45.71	15000.00
CURVE									
PT	605282.258	738003.603	N 50°15'28.0" E	179.88					
LINE									
POT	605397.260	738141.916							




I, Brian Barwatt, PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

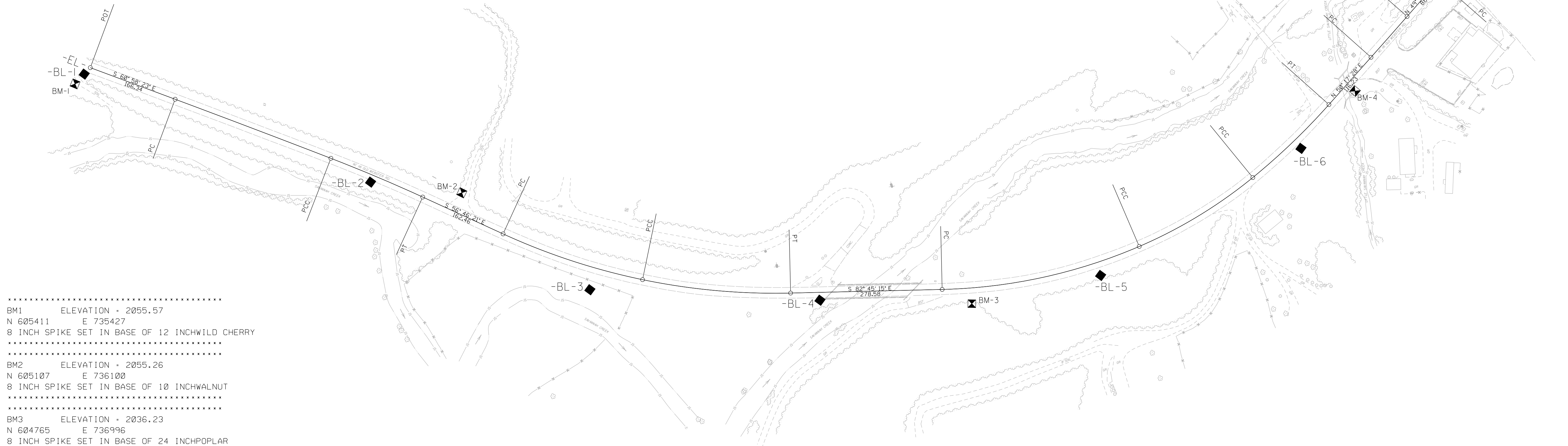
Class of survey: AA  
 Type of GPS field procedure: VRS  
 Dates of survey: January 2013  
 Datum/Epoch: NAD 83/NA 2011  
 Published/Fixed-control use: N/A  
 Localized around: GPS 102  
 Northing: 605078.531  
 Easting: 736105.091  
 Combined grid factor: 99978020  
 Geoid model: 12NC  
 Units: U.S. Survey Feet

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 January 2013, 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 10th day of October, 2023.

DocuSigned by:  
  
 Brian Barwatt  
 Professional Land Surveyor L-4727

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1	BL - 1		605426.0000	735446.2530	2060.10
2	BL - 2		605151.0730	735936.9090	2053.89
3	BL - 3		604895.2520	736305.7870	2051.02
4	BL - 4		604812.8810	736720.9930	2039.20
5	BL - 5		604780.6350	737237.7870	2035.10
6	BL - 6		604956.2980	737636.7630	2031.45
7	BL - 7		605360.1680	738117.9000	2040.39



- .....
- BM1 ELEVATION = 2055.57  
 N 605411 E 735427  
 8 INCH SPIKE SET IN BASE OF 12 INCH WILD CHERRY  
 .....
- BM2 ELEVATION = 2055.26  
 N 605107 E 736100  
 8 INCH SPIKE SET IN BASE OF 10 INCH WALNUT  
 .....
- BM3 ELEVATION = 2036.23  
 N 604765 E 736996  
 8 INCH SPIKE SET IN BASE OF 24 INCH POPLAR  
 .....
- BM4 ELEVATION = 2029.40  
 N 605046 E 737751  
 CHISELED SQUARE ON NE END OF CONCRETE HEADWALL  
 .....
- BM5 ELEVATION = 2032.99  
 N 605432 E 738132  
 8 INCH SPIKE SET IN BASE OF 36 INCH TRIPLE POPLAR  
 .....

**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.