SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.167	RW02C-1

Location and Surveys

LOCATION AND SURVEYS, DIVISION 14
122 BONNIE LANE
SYLVA, NC 28779

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4727 LAND SURVEYOR BRIAN A. BARWATT

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

BL

POINT	DESC.	NORTH	EAST	ELEVATION
BL4	BL-4	538255.3240	505552.7380	1589.21
BL3	BL-3	538390.2340	505606.1050	1589.67
BL2	BL-2	538434.1050	505754.1060	1590.29
BL1	BL-1	538310.4080	505963.8580	1591.92

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****************************************
BM1       ELEVATION = 1592.82
N 538364      E 505878
BENCHTIE SET IN 10" TRIPLE HICKORY
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BM2       ELEVATION = 1590.75
N 538407      E 505699
BENCHTIE SET IN 24" SYCAMORE
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NC GRID
NAD 83 NA 2011

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	538230.813	505555.392							
LINE			N 13°24'00.0" E	79.00					
PC	538307.662	505573.700							
CURVE			N 28°40'09.8" E	97.44	30°32'19.7"(RT)	30°58'14.5"	98.61	50.50	185.00
PCC	538393.159	505620.448							
CURVE			N 54°54'25.5" E	55.94	21°56'11.6"(RT)	38°58'36.2"	56.28	28.49	147.00
PCC	538425.318	505666.218							
CURVE			S 87°23'13.2" E	89.08	53°28'31.0"(RT)	57°52'28.3"	92.40	49.87	99.00
PCC	538421.256	505755.207							
CURVE			S 56°01'58.8" E	47.81	09°13'57.7"(RT)	19°17'29.4"	47.86	23.98	297.00
PT	538394.546	505794.856							
LINE			S 51°25'00.0" E	37.76					
PC	538370.994	505824.376							
CURVE			S 55°07'01.7" E	62.22	07°24'03.4"(LT)	11°53'13.5"	62.26	31.17	482.00
PCC	538335.412	505875.414							
CURVE			N 89°27'58.3" E	131.43	63°25'56.6"(LT)	45°50'11.8"	138.39	77.25	125.00
PT	538336.637	506006.837							
LINE			N 57°45'00.0" E	62.83					
PC	538370.162	506059.971							
CURVE			N 83°14'00.0" E	81.75	50°58'00.0"(RT)	60°18'40.8"	84.51	45.28	95.00
PT	538379.794	506141.149							

I, Brian Barwatt, 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: VRS
Dates of survey: June 2016
Datum/Epoch: NAD 83 / NA 2011
Published/Fixed-control use: N/A
Localized around: GPS106
Northing: 537,290.147
Easting: 506,482.941
Combined grid factor: 0.999802395
Geoid model: Geoid 12
Units: US 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 June 2016, 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 9th day of June, 2021.

DocuSigned by:
Brian Barwatt
A8355FE9A8A4ACE...

Professional Land Surveyor L-4727

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

09-JUN-2021 14:04
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