


SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5799	RW02C-7
Location and Surveys	
LOCATION AND SURVEYS, DIVISION 14 122 BONNIE LANE SYLVA, NC 28779	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL POINT	DESC.	NORTH	EAST	ELEVATION
G101	GPS-101	573795.8660	893308.2950	2172.39
G102	GPS-102	574249.8700	893839.5800	2146.96
1	BL-1	574611.9740	894139.7750	2131.36
2	BL-2	574851.4810	894367.8660	2132.85
3	BL-3	575168.3680	894689.6780	2129.88
4	BL-4	575058.6510	895016.6880	2129.98
5	BL-5	574912.9290	895401.3210	2127.81
6	BL-6	574741.4290	895786.3980	2127.41
7	BL-7	574599.1180	896250.0580	2128.28
8	BL-8	574427.4550	896637.4560	2128.53

BY1 POINT	DESC.	NORTH	EAST	ELEVATION
9	BY1-9	574101.0390	894145.4050	2128.64
Y1	BL-1	574611.9740	894139.7750	2131.36

BY2 POINT	DESC.	NORTH	EAST	ELEVATION
10	BY2-10	576083.7850	892415.5630	2137.73
11	BY2-11	575836.0030	892764.6220	2136.39
12	BY2-12	575721.6380	893064.5280	2135.53
13	BY2-13	575622.5670	893382.2060	2135.30
14	BY2-14	575495.1360	893812.4520	2134.48
15	BY2-15	575352.9770	894392.1670	2130.28
Y3	BL-3	575168.3680	894689.6780	2129.88

BY3 POINT	DESC.	NORTH	EAST	ELEVATION
YA3	BL-3	575168.3680	894689.6780	2129.88
16	BY3-16	575605.7930	895077.7400	2132.50
17	BY3-17	575844.5330	895497.3520	2139.86
G103	GPS-103	576332.1790	896053.5760	2157.37

BY4 POINT	DESC.	NORTH	EAST	ELEVATION
18	BY4-18	575808.4810	895015.2680	2145.20
Y16	BY3-16	575605.7930	895077.7400	2132.50
19	BY4-19	575423.4150	895317.9750	2123.63

.....
 BM1 ELEVATION = 2149.28
 N 574332 E 893722
 SPIKE NAIL IN BASE OF 16" POPLAR

.....
 BM2 ELEVATION = 2129.56
 N 574981 E 894977
 SPIKE NAIL IN 36" WHITE OAK STUMP

.....
 BM3 ELEVATION = 2128.90
 N 574512 E 896702
 SPIKE NAIL IN 8" HOLLY

.....
 BM4 ELEVATION = 2135.49
 N 575891 E 892757
 SPIKE NAIL IN BASE OF 36" POPLAR

.....
 BM5 ELEVATION = 2130.56
 N 575300 E 894183
 SPIKE NAIL IN 16" HARDWOOD STUMP

.....
 BM6 ELEVATION = 2148.51
 N 576026 E 895631
 SPIKE NAIL IN 18" WHITE PINE

EAA POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	575059.799	894588.623							
LINE			N 64°23'39.9" E	162.47					
PC	575130.014	894735.138							
CURVE			N 86°24'27.9" E	143.07	44°01'36.0"(RT)	30°01'16.7"	146.65	77.16	190.85
PT	575138.978	894877.927							
LINE			S 71°34'44.1" E	20.76					
POT	575132.420	894897.619							

EAB POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	575280.527	894574.474							
LINE			N 83°17'47.4" E	96.67					
PC	575291.811	894670.480							
CURVE			N 73°26'30.7" E	117.86	19°42'33.3"(LT)	16°38'24.1"	118.44	59.81	344.33
PT	575325.400	894783.454							
LINE			N 63°35'14.1" E	15.19					
POT	575332.159	894797.062							

EAC POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	575350.120	894883.947							
LINE			S 09°51'18.8" W	84.41					
PC	575266.953	894869.499							
CURVE			S 14°48'30.9" E	67.58	49°19'39.4"(LT)	70°45'43.2"	69.71	37.18	80.97
PT	575201.621	894886.771							
LINE			S 39°28'20.5" E	74.67					
POT	575143.981	894934.240							

EAD POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	575295.450	894524.935							
LINE			S 41°27'04.6" E	42.23					
PC	575263.794	894552.894							
CURVE			S 15°15'43.1" E	136.98	52°22'43.1"(RT)	36°55'16.0"	141.87	76.32	155.18
PT	575131.647	894588.951							
LINE			S 10°55'38.5" W	89.91					
POT	575043.365	894571.907							

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	573941.437	893421.932							
LINE			N 51°56'00.0" E	20.23					
PC	573953.913	893437.863							
CURVE			N 48°42'41.0" E	322.02	06°26'38.0"(LT)	02°00'00.0"	322.19	161.27	2864.79
PT	574166.402	893679.831							
LINE			N 45°29'22.0" E	1507.23					
POT	575223.031	894754.669							
LINE			S 66°14'23.9" E	345.75					
POT	575083.725	895071.116							
LINE			S 66°14'23.9" E	711.92					
PC	574796.887	895722.694							
CURVE			S 66°19'07.6" E	1163.38	00°09'27.5"(LT)	00°00'48.8"	1163.38	581.69	422874.94
PT	574329.618	896788.113							
LINE			N 66°23'51.3" W	0.03					
POT	574329.631	896788.081							

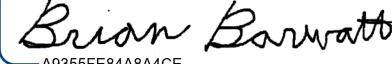
EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	574712.968	893810.193							
LINE			S 84°25'36.4" E	15.85					
PC	574711.429	893825.967							
CURVE			S 68°25'46.8" E	184.61	31°59'39.3"(RT)	17°06'24.6"	187.03	96.02	334.93
PT	574643.560	893997.645							
LINE			S 52°25'57.1" E	118.60					
POT	574571.248	894091.655							

I, Brian Barwatt, PLS, certify that the Project Control was (performed/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: 1/5/2017
 Datum/Epoch: NAD 83 /2011
 Published/Fixed-control used: (Control Utilized)
 Localized around: G101 (Set 24" Rebar with Cap)
 Northing: 573795.866
 Easting: 893308.295
 Elevation: 2172.39'
 Combined grid factor: 0.9997747435
 Geoid model: G12ANC
 Units: English (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 on 1/4/2017, 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 15th day of November, 2021.

DocuSigned by:

 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.

REVISIONS