
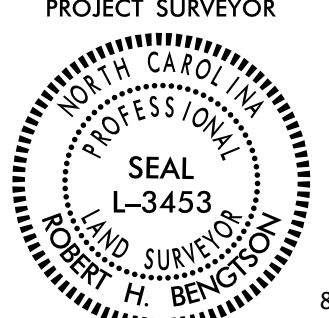


SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. BR0041	SHEET NO. RW02C-3
Location and Surveys	
 Dewberry Engineers Inc. <small>551 PINEY FOREST ROAD DANVILLE, VA 24540 PHONE: 434.797.4497 FAX: 434.797.4341 NCBELS #F-0929</small>	
PROJECT SURVEYOR  <small>8/31/2022</small>	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ALIGNMENT DATA

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	940198.800	1808453.763							
CURVE			S 52°06'08.4" E	155.18	01°08'06.8"(LT)	00°43'53.6"	155.18	77.59	7832.17
PT	940103.481	1808576.217							
LINE			S 52°40'11.9" E	1370.90					
PC	939272.157	1809666.299							
CURVE			S 52°38'03.6" E	169.73	00°04'16.5"(RT)	00°02'31.1"	169.73	84.87	136478.31
PCC	939169.146	1809801.200							
CURVE			S 52°37'17.9" E	169.73	00°02'45.1"(LT)	00°01'37.3"	169.73	84.87	212057.14
PT	939066.105	1809936.077							
LINE			S 52°38'40.5" E	1563.75					
PC	938117.288	1811179.082							
CURVE			S 52°47'58.6" E	100.00	00°18'36.3"(LT)	00°18'36.3"	100.00	50.00	18477.62
PT	938056.828	1811258.734							
LINE			S 52°57'16.8" E	303.92					
PC	937873.731	1811501.312							
CURVE			S 52°44'31.5" E	100.00	00°25'30.6"(RT)	00°25'30.6"	100.00	50.00	13475.83
PT	937813.191	1811580.903							
LINE			S 52°31'46.1" E	802.07					
POT	937325.247	1812217.482							

EY POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	940411.521	1810905.089							
LINE			S 07°58'09.3" W	353.63					
PC	940061.307	1810856.062							
CURVE			S 12°13'30.0" W	1538.84	07°42'00.0"(RT)	00°30'00.0"	1540.00	771.16	11459.16
PT	938557.361	1810530.210							
LINE			S 16°33'15.0" W	1599.83					
POT	937023.844	1810074.384							

EY1 POINT	N	E	BEARING	DIST
POT	939311.559	1809614.633		
LINE			S 34°28'03.0" W	249.33
POT	939106.002	1809473.530		

RPA POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	940068.007	1810810.552							
LINE			S 08°22'30.0" W	73.02					
PC	939995.770	1810799.917							
CURVE			S 18°05'30.7" W	644.69	19°26'01.3"(RT)	03°00'00.0"	647.79	327.04	1909.86
PT	939382.955	1810599.715							
LINE			S 27°48'31.3" W	663.72					
POT	938795.889	1810290.076							

RPB POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	938796.211	1810289.653							
LINE			S 07°18'21.6" W	369.06					
PC	938430.144	1810242.720							
CURVE			S 02°26'26.2" W	194.38	09°43'50.8"(LT)	05°00'00.0"	194.62	97.54	1145.92
PT	938235.939	1810234.443							
LINE			S 02°25'29.2" E	176.39					
PC	938059.705	1810241.906							
CURVE			S 00°25'29.6" E	133.29	03°59'59.2"(RT)	03°00'01.0"	133.31	66.68	1909.68
PCC	937926.422	1810242.894							
CURVE			S 07°04'30.0" W	274.58	11°00'00.0"(RT)	04°00'00.0"	275.00	137.92	1432.39
PT	937524.911	1810175.527							
LINE			S 14°34'30.0" W	133.31	04°00'00.0"(RT)	02°59'59.4"	133.34	66.70	1909.97
POT	937269.323	1810099.454							

RPC POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	938378.843	1810836.430							
LINE			S 40°34'30.0" W	394.24					
PC	938079.396	1810579.999							
CURVE			S 38°34'30.0" W	133.31	04°00'00.0"(LT)	02°59'59.4"	133.34	66.70	1909.97
PCC	937975.172	1810496.873							
CURVE			S 28°34'30.0" W	398.70	16°00'00.0"(LT)	04°00'00.0"	400.00	201.31	1432.39
PCC	937625.036	1810306.170							
CURVE			S 18°34'30.0" W	133.31	04°00'00.0"(LT)	02°59'59.4"	133.34	66.70	1909.97
PT	937498.667	1810263.704							
LINE			S 16°34'30.0" W	266.67					
POT	937243.078	1810187.631							

RPD POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	939710.146	1810845.470							
LINE			S 10°07'24.2" W	81.67					
PC	939629.748	1810831.115							
CURVE			S 08°07'24.2" W	133.31	04°00'00.0"(LT)	02°59'59.4"	133.34	66.70	1909.97
PCC	939497.772	1810812.277							
CURVE			S 02°22'35.8" E	423.44	17°00'00.0"(LT)	04°00'00.0"	425.00	214.07	1432.39
PCC	939074.693	1810829.836							
CURVE			S 12°52'35.8" E	132.12	04°00'00.0"(LT)	03°01'37.1"	132.14	66.10	1892.83
PT	938945.898	1810859.279							
LINE			S 14°52'35.8" E	259.32					
PC	938695.272	1810925.856							
CURVE			S 12°50'22.1" W	296.27	55°25'55.7"(RT)	17°59'19.3"	308.15	167.34	318.51
PT	938406.408	1810860.018							
LINE			S 40°33'20.0" W	36.28					
POT	938378.843	1810836.430							

I, Robert H. Bengtson, PLS, certify that the Project Control was verified under my supervision from an actual GPS survey made by others and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: RTN
 Dates of survey: February 2018
 Datum/Epoch: NAD 83/2011
 Published/Fixed-control use: N/A
 Localized around: R2560DB-3
 Northing: 938460.113
 Easting: 1810834.187
 Combined grid factor: 1.00001470
 Geoid model: G12NC
 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 from 7/17/18 to 7/19/18, 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 31st day of August, 2022.

DocuSigned by:

 EA79E7CA3884F1
 Professional Land Surveyor L-3453

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

3-AUG-2022 07:56 P:\50154422\CAD\Surveys\MICROSTATION\RW SHEET\5\br-0041.LS.RW02C-3-220831.dgn
 bbowell At PF25GW4R