

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. B-5721	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 SEAL L-3453 ROBERT H. BENGTSON 8/30/2022	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ALIGNMENT DATA

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	962245.792	1718810.713							
LINE			N 25°20'10.5" E	299.53					
PC	962516.511	1718938.891							
CURVE			N 27°26'50.9" E	105.54	04°13'20.8"(RT)	04°00'00.0"	105.56	52.80	1432.39
PT	962610.168	1718987.537							
LINE			N 29°33'31.3" E	12.35					
PC	962620.910	1718993.629							
CURVE			N 32°11'03.7" E	105.77	05°15'04.6"(RT)	04°57'47.6"	105.80	52.94	1154.41
PCC	962710.425	1719049.965							
CURVE			N 37°41'56.4" E	99.30	05°46'40.7"(RT)	05°48'58.2"	99.34	49.71	985.11
PCC	962788.995	1719110.689							
CURVE			N 46°23'24.0" E	246.86	11°36'14.6"(RT)	04°41'33.6"	247.28	124.06	1220.96
PCC	962959.265	1719289.427							
CURVE			N 53°48'37.7" E	59.32	03°14'12.7"(RT)	05°27'20.9"	59.33	29.67	1050.18
PT	962994.291	1719337.303							
LINE			N 55°25'44.1" E	536.51					
PC	963298.721	1719779.076							
CURVE			N 56°20'06.1" E	127.46	01°48'44.1"(RT)	01°25'18.2"	127.47	63.74	4030.00
PCC	963369.378	1719885.163							
CURVE			N 58°41'44.6" E	156.31	02°54'32.9"(RT)	01°51'39.3"	156.33	78.18	3078.92
PT	963450.596	1720018.719							
LINE			N 60°09'01.1" E	174.05					
PC	963537.225	1720169.678							
CURVE			N 59°30'24.3" E	67.39	01°17'13.6"(LT)	01°54'35.5"	67.39	33.70	3000.00
PT	963571.422	1720227.749							
LINE			N 58°51'47.4" E	263.58					
POT	963707.712	1720453.352							

EY POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	963490.019	1720087.418							
LINE			N 20°56'15.7" W	54.36					
PC	963540.794	1720067.991							
CURVE			N 17°17'37.6" W	139.31	07°17'16.3"(RT)	05°13'40.9"	139.40	69.79	1095.93
PT	963673.802	1720026.579							

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: Dec 2016
 Datum/Epoch: NAD 83/2011
 Published/Fixed-control use: N/A
 Localized around: B5721-2
 Northing: 962765.437
 Easting: 1719062.648
 Combined grid factor: 1.00004898
 Geoid model: G12NC
 Units: US SURVEY FEET

I also certify that the Baseline Control for this project was verified under my direct and responsible charge from an actual survey made by others; 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 prior to December 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 30th day of August, 2022.

DocuSigned by:

 EA79E7CA3894F1

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