

REVISIONS

SURVEY CONTROL SHEET
W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

I, Michael W. Zmuda , 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: RTN
Dates of survey: February 21, 2022
Datum/Epoch: NAD83/2011
Published/Fixed-control use: N/A
Localized around: CENTROID
Northing:970730.000
Easting:2513900.000
Combined grid factor:1.0000770629
Geoid model: 18
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 February 21, 2022 to March 11, 2022 , 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 16th day of March, 2022.

DocuSigned by:
Michael W. Zmuda
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Professional Land Surveyor L-5205

BL	POINT	DESC.	NORTH	EAST	ELEVATION
R0181		BP1-R018-1	970870.3760	2512521.2710	83.53
R0182		BP1-R018-2	970746.2070	2513384.8550	73.99
BL3		BL-3	970740.2060	2513872.0610	66.63
BL4		BL-4	970727.5930	2514125.4990	66.22

BM1 ELEVATION = 67.38
N 970700 E 2513877
BL STATION 18+67.00 40 RIGHT
SPIKE IN 12" GUM


PROJECT REFERENCE NO.
BP1-R018

SHEET NO.
RW02C-2

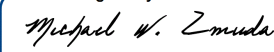
Location and Surveys

Johnson, Mirmiran & Thompson, Inc.
9201 Arboretum Parkway, Suite 310
Richmond, VA 23236

PROJECT SURVEYOR



DocuSigned by:



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EL	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	970759.030	2513382.173	S 86°17'08.5" E	340.57					
LINE									
PC	970736.967	2513722.030	S 86°38'35.5" E	140.72	00°42'54.1"(LT)	00°30'29.2"	140.72	70.36	11276.40
CURVE									
PT	970728.727	2513862.512	S 87°00'02.6" E	273.01					
LINE									
PC	970714.401	2514135.948	S 86°30'21.9" E	24.74	00°59'21.3"(RT)	03°59'53.4"	24.74	12.37	1433.05
CURVE									
PT	970712.893	2514160.645	S 86°00'41.3" E	259.06					
LINE									
POT	970694.873	2514419.076							

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.