SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
BP1-R009	RW02C-2

Location and Surveys

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

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5205 LAND SURVEYOR MICHAEL W. ZMUDA

DocuSigned by:
Michael W. Zmuda
015CC338971543A...

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:962810.000
Easting:2518860.000
Combined grid factor:1.0000703084
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 18, 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 18th day of March, 2022.

DocuSigned by:
Michael W. Zmuda
015CC338971543A...

Professional Land Surveyor L-5205

BL

POINT	DESC.	NORTH	EAST	ELEVATION
BL4	BL-4	962757.1010	2518543.4080	48.81
BL3	BL-3	962794.0530	2518898.5020	51.12
R0092	BP1-R009-2	962975.6500	2519492.4680	58.28
R0091	BP1-R009-1	962880.7010	2520035.9490	59.44

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	962751.724	2518338.065							
LINE			N 85°06'43.3" E	29.75					
PC	962754.259	2518367.709							
CURVE			N 86°18'28.5" E	39.03	02°23'30.4"(RT)	06°07'40.4"	39.03	19.52	935.00
PT	962756.772	2518406.657							
LINE			N 87°30'13.7" E	19.13					
PC	962757.605	2518425.764							
CURVE			N 85°41'51.0" E	23.01	03°36'45.4"(LT)	15°41'50.9"	23.01	11.51	365.00
PT	962759.331	2518448.710							
LINE			N 83°53'28.3" E	461.68					
PC	962808.462	2518907.768							
CURVE			N 78°37'05.5" E	222.95	10°32'45.5"(LT)	04°43'24.5"	223.27	111.95	1213.00
PT	962852.461	2519126.335							
LINE			N 73°20'42.7" E	255.29					
POT	962925.629	2519370.920							

BM1 ELEVATION = 46.42
N 962767 E 2518898
BL STATION 8+54.00 27 RIGHT
SPIKE IN 22" OAK

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

6/2/99

18-MAR-2022 14:29
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