

3/7/23

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

CUR DATA -Y1-
Plc 16+81.56
 $\Delta c = 14^{\circ}04'17.8''$ (RT)
D = 11°27'33.0"
Lc = 122.80
Tc = 61.71
R = 500
e = NC
RO = N/A
DS = 40 mph

CUR DATA -Y1-
Plc 15+38.54
 $\Delta c = 74^{\circ}20'29.7''$ (RT)
D = 66°37'22.8"
Lc = 111.59
Tc = 65.21
R = 86
e = NC
RO = N/A
DS = 25 mph


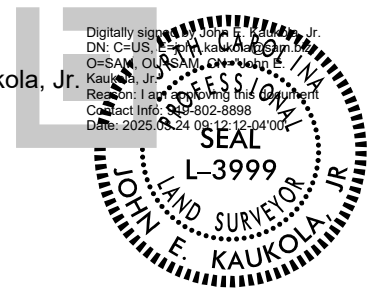
I, John E. Kaukola, Jr., PLS, certify that the Project Control was performed under my supervision from an actual GPS made under my supervision and the following information was used to perform the survey:

Class of survey: AA
Type of GPS field procedure: RTN
Dates of survey: May/June/July 2022
Datum/Epoch: NAD 83/NA 2011
Published/Fixed-control use: N/A to RTN
Localized around: GPS-4
Northing: 692478.163
Easting: 2044196.718
Combined grid factor: 0.9998829659
Geoid model: 12B (Conus)
Unit: 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 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 May 19, 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 23rd day of March, 2025.

Professional Seal
John E. Kaukola, Jr.
PLS
L-3909
Surveying
Date: 2025/03/24 09:11:35-0400

PROJECT REFERENCE NO.	SHEET NO.
1022070222	RW02C-1
Location and Surveys	
 2641-116 Summer Blvd. Raleigh, NC 27616 OIC: 919.276.7466 Email: info@sam.biz	
PROJECT SURVEYOR John E. Kaukola, Jr.  L-3999 Surveying Date: 2025/03/24 09:11:35-0400	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

GPS-1

GPS-2

BL-1

BM1

BL-2

BL-3

BL-4

MATCH LINE SHEET RW02C-2

NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- 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.