



REVISIONS

03-JAN-2023 16:12
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 MBT\ajr

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. HE-0011	SHEET NO. RW02C-3
Location and Surveys	
 1730 VARSITY DRIVE RALEIGH, NC 27605 (P) 919-233-8061	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Richard A. Mitchell, PLS, certify that the Project Control was performed 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: 11/22-12/22
 Datum/Epoch: NAD 1983/NA 2011
 Published/Fixed-control use: N/A
 Localized around: CAM421-3
 Northing: 739883.8940
 Easting: 1848086.6530
 Combined grid factor: 0.99988768
 Geoid model: G18US
 Units: USFT

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 11/22 to 12/22, 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 3rd day of January, 2023.

DocuSigned by:
 1/3/2023
 54617000584E49F

Richard A. Mitchell
 Professional Land Surveyor L-5060

EL				
POINT	N	E	BEARING	DIST
POT	725778.547	1837655.151		
LINE			S 70°44'38.5" E	1311.58
POT	725346.002	1838893.354		
LINE			S 70°44'38.3" E	3838.21
POT	724080.199	1842516.829		

EY									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	725346.002	1838893.354							
LINE			S 06°17'38.5" W	76.24					
PC	725270.223	1838884.996							
CURVE			S 28°27'40.2" E	158.68	69°30'37.4"(L.T)	41°10'06.8"	168.84	96.57	139.17
PT	725130.723	1838960.616							
LINE			S 63°12'58.9" E	381.82					
PC	724958.667	1839301.472							
CURVE			S 63°21'42.2" E	713.94	00°17'26.5"(L.T)	00°02'26.6"	713.94	356.97	140722.00
PT	724638.566	1839939.632							
LINE			S 63°32'55.0" E	204.08					
POT	724547.662	1840122.345							

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.