

# SURVEY CONTROL SHEET

*W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION*

PROJECT REFERENCE NO. R-5858	SHEET NO. RW02C-2
<b>Location and Surveys</b>	
1 Glenwood Avenue Raleigh, NC 27603 Tel: 919.789.9977 Fax: 919.789.9591 License: C-2197	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

## BASELINE DATA

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		R5858-1	344083.7582	2581038.3175	10.38
2		R5858-2	345043.7310	2580774.1540	19.66
101		BL-101	345714.5705	2580583.2690	21.52
102		BL-102	346495.1853	2580350.2234	21.94
103		BL-103	347303.8882	2580103.2352	23.39
3		R5858-3	348032.7709	2579945.5485	26.59
4		R5858-4	349000.8571	2579988.2401	24.99

## BENCHMARK DATA

.....  
 BM1 ELEVATION = 24.32  
 N 347748 E 2579955  
 BENCHTIE NAIL SET IN 14" PINE  
 .....

.....  
 BM2 ELEVATION = 11.15  
 N 344090 E 2581087  
 BENCHTIE NAIL SET IN 10" POPLAR  
 .....

I, Michael L. Tackett, 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: 10/24/2017  
 Datum/Epoch: NAD83/NA2011  
 Published/Fixed-control use: NA  
 Localized around: R5858-3  
 Northing: 348032.771  
 Easting: 2579945.548  
 Combined grid factor: 0.999926110  
 Geoid model: NGS12B  
 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 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 October 2017 to July 2019, 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 6 day of October, 2022.

DocuSigned by:  
  
 Michael Tackett  
 Professional Land Surveyor L-4556

## ALIGNMENT DATA

EL	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	344054.586	2581067.531								
LINE				N 15°16'00.2" W	19.08					
PC	344072.996	2581062.506								
CURVE				N 15°17'42.9" W	4.98	00°03'25.3"(LT)	01°08'45.3"	4.98	2.49	5000.00
PT	344077.798	2581061.193								
LINE				N 15°19'25.6" W	3042.23					
PC	347011.870	2580257.213								
CURVE				N 14°48'04.3" W	91.21	01°02'42.6"(RT)	01°08'45.3"	91.21	45.61	5000.00
PT	347100.050	2580233.913								
LINE				N 14°16'43.0" W	129.44					
PC	347225.493	2580201.988								
CURVE				N 19°08'08.8" W	84.67	09°42'51.7"(LT)	11°27'33.0"	84.77	42.49	5000.00
PT	347305.486	2580174.232								
LINE				N 23°59'34.7" W	69.93					
PC	347369.375	2580145.796								
CURVE				N 19°41'20.8" W	75.05	08°36'27.7"(RT)	11°27'33.0"	75.12	37.63	5000.00
PT	347440.033	2580120.512								
LINE				N 15°23'06.9" W	184.40					
PC	347617.825	2580071.589								
CURVE				N 12°47'53.7" W	315.96	05°10'26.5"(RT)	01°38'13.3"	316.06	158.14	3500.00
PT	347925.932	2580001.599								
LINE				N 10°12'40.5" W	127.37					
POT	348051.282	2579979.019								

EY1	POINT	N	E	BEARING	DIST
POT	346964.537	2579613.968			
LINE				N 63°13'04.6" E	648.54
POT	347256.767	2580192.935			

EY2	POINT	N	E	BEARING	DIST
POT	347268.267	2580189.041			
LINE				N 63°12'39.2" E	745.96
POT	347604.478	2580854.940			

**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