
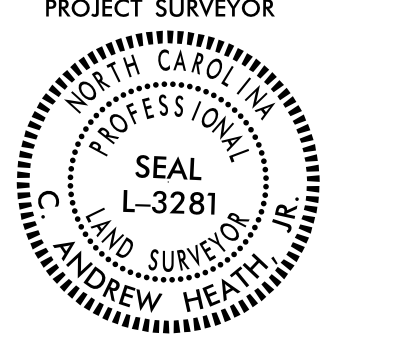


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5930	RW02C-4
Location and Surveys	
 <small>NV5 ENGINEERS & CONSULTANTS, INC. 6750 TRYON ROAD DARTMOUTH, NC 27716 P: 919.851.1912 www.NV5.com NC License # P-1203 Formerly C&A Engineers & Consultants</small>	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
101	BL-101		720756.4790	1955732.5440	478.31
102	BL-102		721268.5690	1955770.2670	513.57
1	R5930-1		721723.5170	1956011.3200	539.76
EOBY1			721889.4791	1956117.4966	UNKNOWN
2	R5930-2		722357.1830	1956416.7170	546.27
103	BL-103		723003.2180	1956669.6370	544.52
104	BL-104		723673.3200	1956399.0540	545.11
105	BL-105		724183.5890	1956219.9480	565.64
106	BL-106		724644.2560	1956059.3490	548.07
107	BL-107		725039.3860	1955974.0860	531.54

.....
 BM1 ELEVATION = 470.55
 N 721385 E 1955349
 RRS IN 12" PINE

 BM2 ELEVATION = 419.12
 N 719570 E 1958620
 RRS IN 12" POP

 BM3 ELEVATION = 540.21
 N 722729 E 1956641
 RRS IN 20" OAK

 BM4 ELEVATION = 573.48
 N 723699 E 1954828
 RRS IN 12" GUM

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
201	BY1-201		723552.8080	1954691.7550	550.36
202	BY1-202		723020.5420	1955078.3590	539.96
203	BY1-203		722508.5700	1955538.2250	530.42
204	BY1-204		721955.1490	1956049.0890	519.40
EOBY1			721889.4791	1956117.4966	UNKNOWN
205	BY1-205		721427.4990	1956598.7360	508.52
206	BY1-206		720951.4050	1957143.7760	492.35
207	BY1-207		720542.1690	1957645.2720	470.32
208	BY1-208		720146.0130	1958126.5820	445.64
209	BY1-209		719682.2280	1958688.8700	416.69

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
210	BY2-210		723509.9430	1954878.9720	565.94
211	BY2-211		723294.9370	1955052.2020	556.60
212	BY2-212		722958.9890	1955325.8060	530.26
213	BY2-213		722652.7810	1955613.0420	520.25
214	BY2-214		722619.1810	1956125.4400	528.72
A2			722357.1830	1956416.7170	UNKNOWN

BY3	POINT	DESC.	NORTH	EAST	ELEVATION
B2			722357.1830	1956416.7170	UNKNOWN
215	BY3-215		722173.1640	1956769.0190	537.66
216	BY3-216		721880.0160	1956862.3840	524.02
217	BY3-217		721471.3100	1956864.7640	506.21
A206			720951.4050	1957143.7760	UNKNOWN

I, C. Andrew Heath, Jr., 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: 3/01/2020 - 3/09/2020
 Datum/Epoch: nad83 (2011)
 Published/Fixed-control use: N/A
 Localized around: R5930-1
 Northing: 721,723.517
 Easting: 1,956,011.32
 Combined grid factor: 0.9998868290
 Geoid model: 12B (Conus)
 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 3/11/2020 to 4/22/2020, 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 Sheet was originally submitted to NCDOT on 5/12/2020 without this certification, which was not required or requested at that time. This certification is to the date of original submittal of 5/12/2020.

Witness my hand and seal.

This 1st day of February, 2024.

DocuSigned by:

 C. Andrew Heath, Jr.
 Professional Land Surveyor L-3281

REVISIONS

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.