

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BENCHMARKS (NAVD 88)

.....
 BM*4 ELEVATION = 925.965'
 N 870159 E 1687437
 R/R SPIKE IN BASE OF 28" POPLAR
 LYING JUST NORTH OF BRANCH
 AND BEING SOUTHWEST OF SEWER MANHOLE

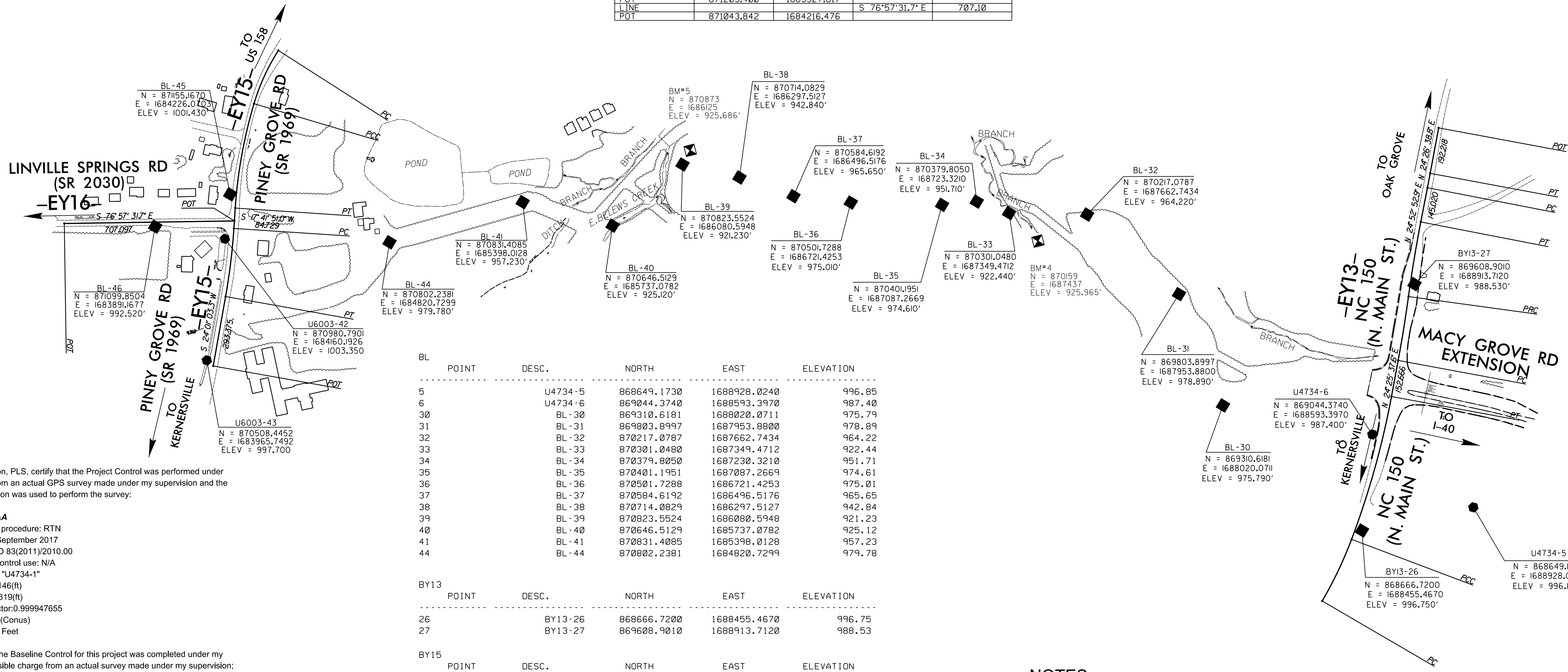
 BM*5 ELEVATION = 925.686'
 N 870873 E 1686125
 R/R SPIKE IN BASE OF 20" SWEETGUM
 LYING JUST SOUTH OF 42" CMP

EY13									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	868422.244	1688224.603							
CURVE			N 39°23'14.9" E	283.82	09°34'36.0"(L.T)	03°22'13.2"	284.15	142.40	1700.00
PCC	868641.597	1688404.701							
CURVE			N 29°30'47.2" E	617.01	10°10'19.2"(L.T)	01°38'47.1"	617.82	309.72	3480.00
PT	869178.546	1688708.655							
LINE			N 24°25'37.6" E	152.67					
PC	869317.547	1688771.788							
CURVE			N 23°04'28.5" E	269.09	02°42'18.3"(L.T)	01°00'18.7"	269.11	134.58	5700.00
PCC	869565.107	1688877.251							
CURVE			N 23°18'06.1" E	314.26	03°09'33.6"(RT)	01°00'18.7"	314.30	157.19	5700.00
PT	869853.737	1689001.565							
LINE			N 24°52'52.9" E	145.02					
PC	869985.296	1689062.581							
CURVE			N 24°39'45.9" E	61.05	00°26'14.1"(L.T)	00°42'58.3"	61.05	30.53	8000.00
PT	870040.778	1689088.056							
LINE			N 24°26'38.8" E	192.22					
POT	870215.766	1689167.597							

EY15									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	871687.989	1684564.421							
CURVE			S 38°30'47.4" W	243.70	16°04'52.0"(L.T)	06°34'50.4"	244.37	123.06	871.15
PCC	871497.302	1684412.670							
CURVE			S 24°05'06.2" W	440.98	12°46'30.4"(L.T)	02°53'28.6"	441.85	221.87	1981.90
PT	871094.710	1684232.707							
LINE			S 17°41'51.0" W	84.73					
PC	871013.990	1684206.951							
CURVE			S 20°51'27.2" W	285.55	06°19'12.3"(RT)	02°12'44.4"	285.68	142.99	2590.00
PT	870747.154	1684105.282							
LINE			S 24°01'03.3" W	293.38					
POT	870479.179	1683985.873							

EY16				
POINT	N	E	BEARING	DIST
POT	871203.400	1683527.617		
LINE			S 76°57'31.7" E	707.10
POT	871043.842	1684216.476		

NAD 83/2011



BL POINT	DESC.	NORTH	EAST	ELEVATION
5	U4734-5	868649.1730	1688928.0240	996.85
6	U4734-6	869044.3740	1688593.3970	987.40
30	BL-30	869310.6181	1688020.0711	975.79
31	BL-31	869803.8997	1687953.8800	978.89
32	BL-32	870217.0787	1687662.7434	964.22
33	BL-33	870301.0480	1687349.4712	922.44
34	BL-34	870379.8050	1687230.3210	951.71
35	BL-35	870401.1951	1687087.2669	974.61
36	BL-36	870501.7288	1686721.4253	975.01
37	BL-37	870584.6192	1686496.5176	965.65
38	BL-38	870714.0829	1686297.5127	942.84
39	BL-39	870823.5524	1686080.5948	921.23
40	BL-40	870646.5129	1685737.0782	925.12
41	BL-41	870831.4085	1685398.0128	957.23
44	BL-44	870802.2381	1684820.7299	979.78

BY13 POINT	DESC.	NORTH	EAST	ELEVATION
26	BY13-26	868666.7200	1688455.4670	996.75
27	BY13-27	869608.9010	1688913.7120	988.53

BY15 POINT	DESC.	NORTH	EAST	ELEVATION
42	U6003-42	870980.7901	1684160.1926	1003.35
43	U6003-43	870508.4452	1683965.7492	997.70
45	BL-45	871155.1670	1684226.0703	1001.43

BY16 POINT	DESC.	NORTH	EAST	ELEVATION
46	BL-46	871099.8504	1683891.1677	992.52

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 DIVISION 9 DDC UNIT.

I, Jeremy L. Keaton, 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: September 2017
 Datum/Epoch: NAD 83(2011)2010.00
 Published/Fixed-control use: N/A
 Localized around: "U4734-1"
 Northing: 865552.146(ft)
 Easting: 1691621.319(ft)
 Combined grid factor: 0.999947655
 Geoid model: 12B (Conus)
 Units: U.S. 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 9/13/17 to 9/27/17, 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 10th day of August, 2023.

DocuSigned by:
 Jeremy Keaton
 10/17/2023
 Professional Land Surveyor L-4487

10-AUG-2023 10:56 3:14 PM C:\Users\jkeaton\OneDrive\Documents\17-Proj\Projects\UN-U-6003-Kvillle\Loop\Surveys\Control_Sheets\U6003-ddc_RW2C-1.dgn

REVISIONS