

09/08/99

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csmstfn AT LS-30027

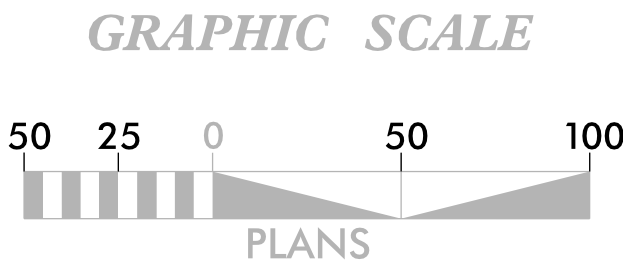
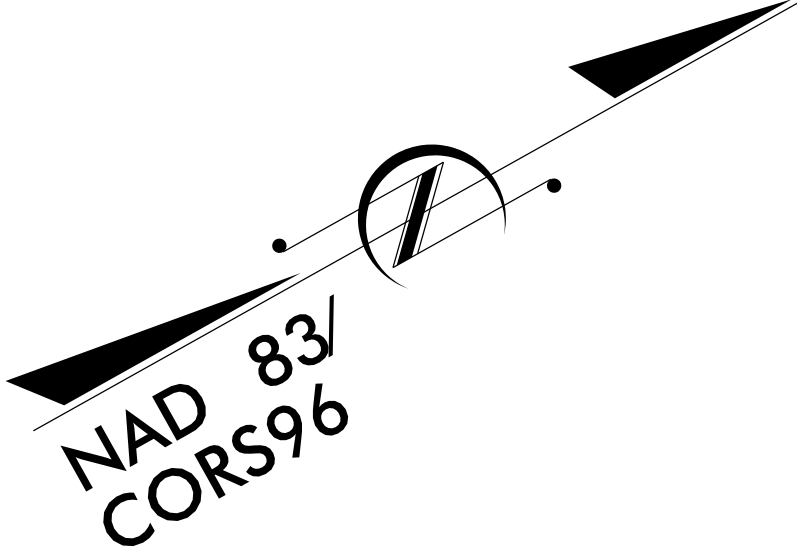
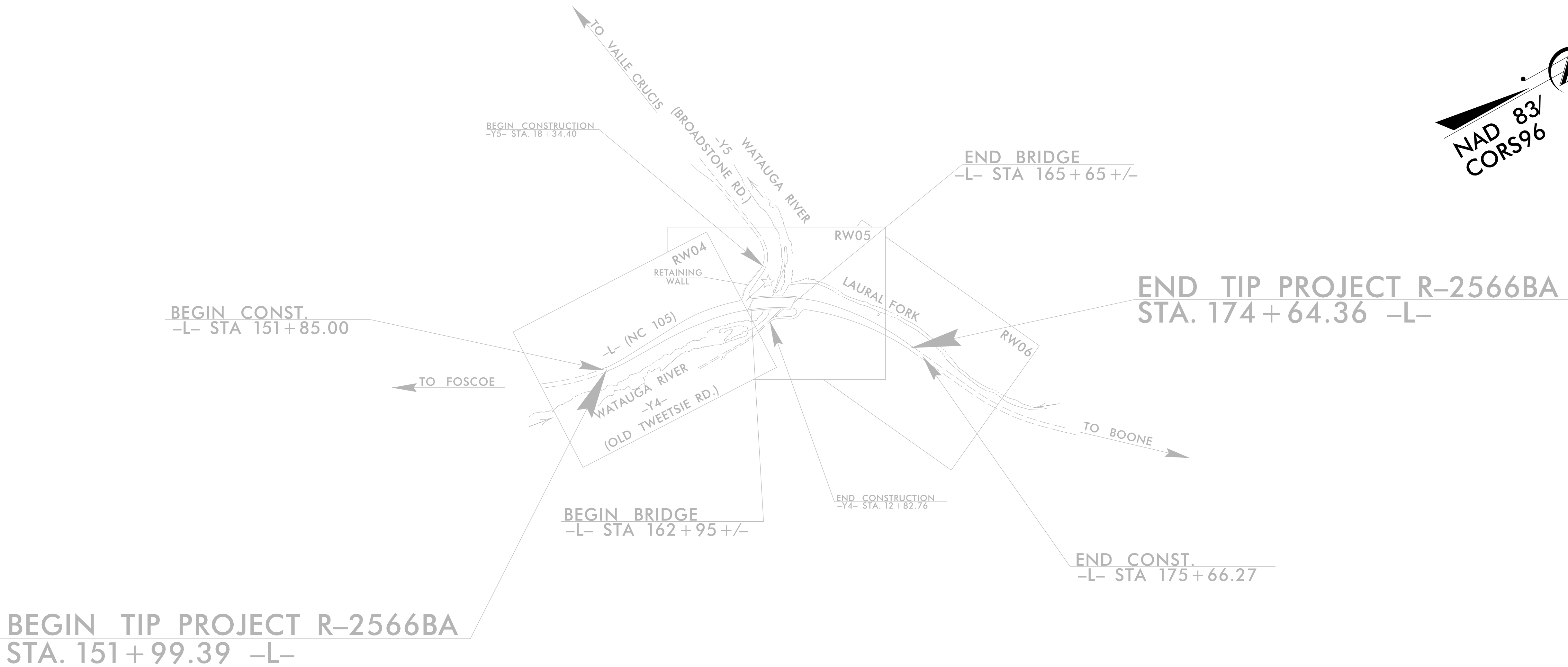
TIP PROJECT: R-2566BA

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SURVEY CONTROL, EXISTING CENTERLINES,
RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

WATAUGA COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2566BA	RW01	6



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
NCGS FOR MONUMENT "MARJONS 1971"
WITH NAD 83/CORS96 STATE PLANE GRID COORDINATES OF
NORTHING: 882813.127(ft) EASTING: 1172749.269(ft)
ELEVATION: 3232.93'(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
(GROUND TO GRID) IS: 0.99986638
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"MARJONS 1971" TO -L- STATION 151+99.39 IS
N 45-35-54.7 E 23968.07'(ft)
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

Prepared In the Office of:

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
NOVEMBER 2018

LETTING DATE:

PROFESSIONAL LAND
SURVEYOR

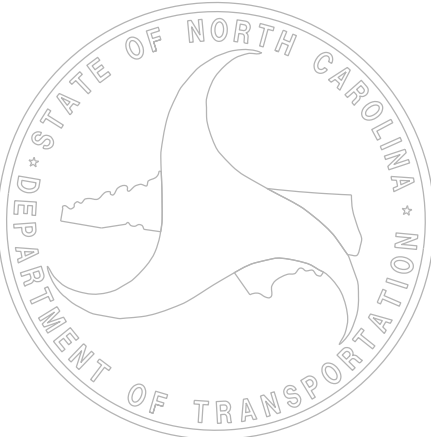


DocuSigned by:
R. Landon Wagner
94066137FD3042D

SIGNATURE:

6/3/2021

Date:



6/2/99

REVISIONS

6/2/99

PROJECT REFERENCE NO.	SHEET NO.
R-2566BA	RW02C-2
Location and Surveys	

SURVEY CONTROL SHEET
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

R-2566B - BL - POINT	DESC.	NORTH	EAST	ELEVATION
5	R2566-5	888686.1090	1183138.9500	2993.51
21	BL -21	889033.3947	1183644.2369	2986.16
22	BL -22	889449.0758	1184562.2789	2972.66
23	BL -23	889738.7314	1185013.9927	2968.84
6	ROMIE	890093.1080	1185532.8900	2966.08
24	BL -24	890754.2958	1186471.2162	2953.69
25	BL -25	891494.8613	1187525.0596	2941.29
26	EARS	891886.8556	1187997.3294	2937.10
27	BL -27	892202.6157	1188213.3125	2945.87
71	BL -71	893055.5458	1188561.1240	2976.12
28	BL -28	893715.3428	1188910.6533	3000.34
29	BL -29	894198.2702	1189268.2419	3008.33
30	BL -30	894945.5386	1189229.0472	2980.80
31	BL -31	895744.2522	1189028.0492	2940.08
7	R2566-7	896396.5450	1189175.3760	2913.73
32	BL -32	896856.8677	1189267.4925	2898.06
8	R2566-8	897964.2190	1189457.8050	2860.46
33	BL -33	898544.2666	1189562.8021	2836.50
34	BL -34	899267.2462	1189823.0672	2802.54
35	BL -35	899887.4582	1189921.1711	2774.21
36	BL -36	900607.7628	1189961.9243	2761.43
37	BL -37	901152.8054	1190203.7273	2764.26
38	BL -38	901629.9607	1191010.5517	2783.20
39	BL -39	901950.9002	1191562.7710	2799.09
40	BL -40	902494.5680	1192157.7225	2834.03
9	R2566-9	902975.4700	1192590.3140	2841.89
10	MUNCY	903489.2490	1192780.6330	2839.66
41	BL -41	904023.2516	1192982.6345	2857.75
42	BL -42	904484.0245	1193564.5455	2885.16
43	BROTHER	904638.3969	1194494.6700	2924.53
44	BL -44	904338.3579	1195375.1798	2927.02
45	BL -45	904184.7601	1196367.0713	2991.10
46	BL -46	904391.2573	1197450.8569	3048.30
47	BL -47	904917.9557	1198299.6118	3092.87
48	BL -48	905249.2435	1198673.1933	3116.25
49	BL -49	905243.9121	1199595.5195	3177.91
50	BL -50	904965.6779	1200658.0832	3254.36
51	BL -51	905033.8699	1201456.5955	3285.22
12	R2566-12	905019.3020	1202125.6100	3304.84
61	BL -61	905153.1996	1202708.5637	3309.36

R-2566B -BY5- POINT	DESC.	NORTH	EAST	ELEVATION
63	BY5-63	900879.6710	1189062.8100	2757.15
64	BY5-64	900949.6695	1189695.2030	2755.49
EQ36	BL -36	900607.7628	1189961.9243	2761.43

R-2566B -BY6- POINT	DESC.	NORTH	EAST	ELEVATION
EQ37	BL -37	901152.8054	1190203.7273	2764.26
65	BY6-65	901454.5505	1190409.4660	2754.14
66	BY6-66	901654.5113	1190683.6741	2762.98
67	BY6-67	901767.1044	1191136.9009	2775.19
68	BY6-68	902191.1160	1191784.6105	2809.91
EQ40	BL -40	902494.5680	1192157.7225	2834.03

BM7 ELEVATION = 2817.94
N 899026 E 1189650
RR SPIKE IN BASE 24' DBL TULIP-POPLAR

BM8 ELEVATION = 2749.41
N 900648 E 1190132
RR SPIKE IN BASE 16' TULIP-POPLAR

BM9 ELEVATION = 2793.94
N 902048 E 1191507
CHISELED SQUARE IN HW NW CORNER(UPSTREAM LEFT) BRIDGE ON SR 1111 (OLDDANNER ROAD) OVER LAUREL FORK CREEK

- 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.

6/2/99

REVISIONS

6/2/99

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R2566BA	RW2D-1
Location and Surveys	

L

TYPE	STATION	NORTH	EAST
PC	148+88.75	899280.1389	1189807.7409
PT	153+75.27	899758.7522	1189880.9500
PC	157+67.37	900150.7844	1189873.7637
PCC	168+60.77	901136.0211	1190274.8796
PT	174+64.36	901480.9345	1190766.7656
POT	178+79.16	901659.0649	1191141.3678

Y4

TYPE	STATION	NORTH	EAST
POT	10+00.00	900968.7587	1190131.1620
PC	10+35.50	900947.8997	1190159.8874
PT	11+40.57	900854.1817	1190178.1315
PC	12+05.27	900799.2979	1190143.8595
PT	12+82.76	900724.8298	1190131.0195
POT	14+27.76	900583.2214	1190162.1973

Y5

TYPE	STATION	NORTH	EAST
POT	10+00.00	900840.2259	1188915.6575
PC	16+11.40	900938.7593	1189519.0695
PCC	17+07.48	900946.7271	1189614.7107
PCC	18+01.83	900930.1973	1189707.0799
PCC	18+98.12	900873.9052	1189783.7001
PT	19+48.93	900830.9392	1189810.6638
PC	20+86.96	900707.1819	1189871.7958
PT	21+58.69	900660.2439	1189923.7759
POT	21+95.89	900647.2447	1189958.6329

NOTES:

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REVISIONS

A circular professional seal for Landon Wagoner. The outer ring contains the text "NORTH CAROLINA" at the top and "LANDON WAGONER" at the bottom. The inner ring contains "PROFESSIONAL" at the top and "LAND SURVEYOR" at the bottom. In the center, it reads "SEAL" and "L-4301".

I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 20th day of November, 2018.

PLS #

Seal

4--FELL IN PL ON EXIST CORNER

TELL IN RIVER- NOT SET

4-- FELL IN RIVER NOT SET

ROW MARKER PERMANENT EASEMENT - E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y5	20+17.89	40.00	900751.3936	1189805.3427
Y5	19+72.96	96.71	900766.5594	1189734.5968
Y5	19+18.72	40.00	900835.2431	1189762.2157
Y5	18+83.60	-113.23	900961.7394	1189857.5421

4-- FELL IN ROCK- MAG NAIL SET

←-- FELL IN ROCK- MAG NAIL SET

←-- FELL IN ROCK- MAG NAIL SET

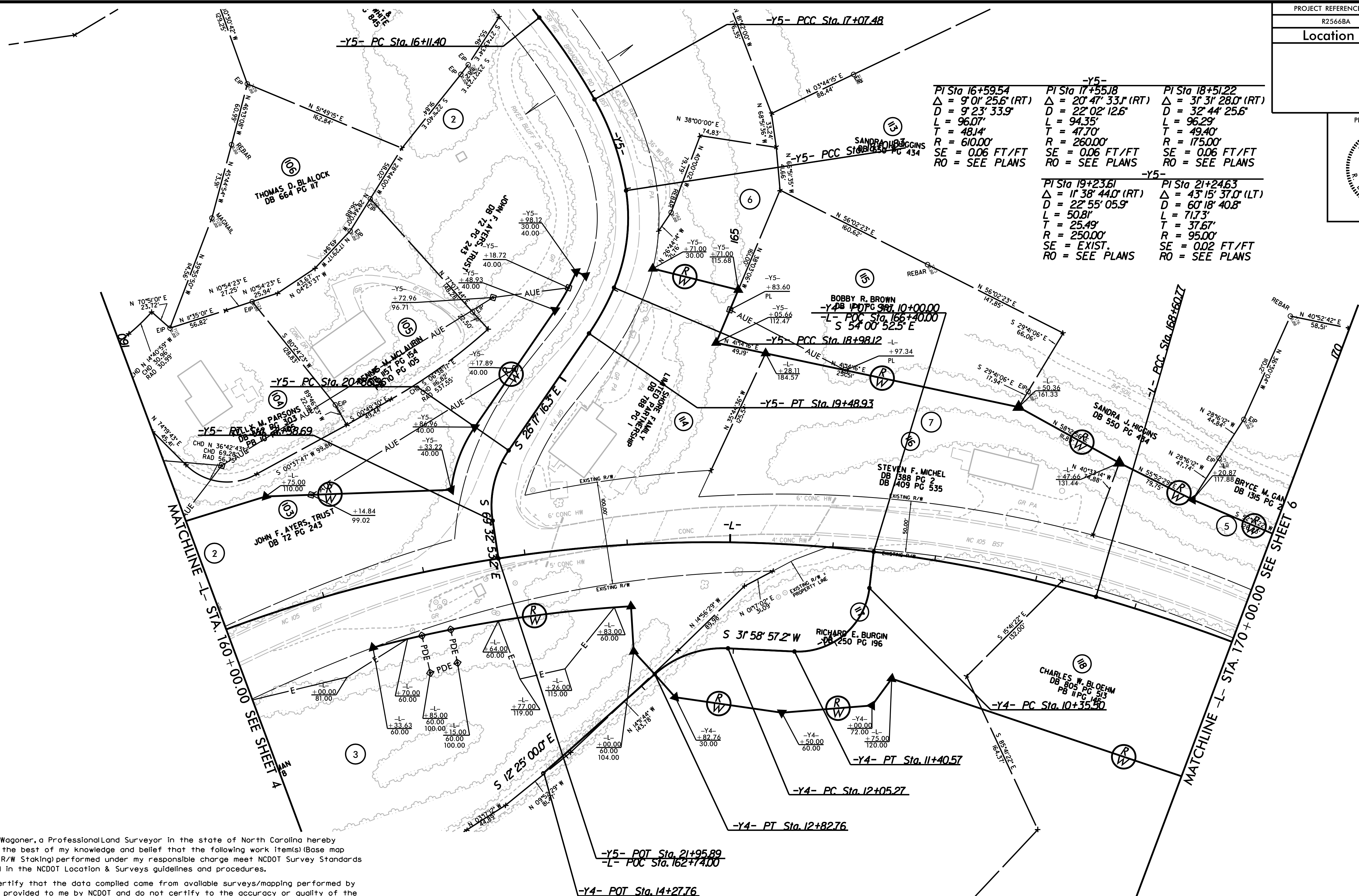
←-- FELL IN RIVER- STAKE SET

4-- FELL IN RIVER- NOT SET

I. IF FURTHER INFORMATION REGARDING PROJECT CONTROL
IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

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

PROJECT SURVEYOR



I, R. Landon Wagoner, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 29th day of November, 2018.

DocuSigned by:
R. Landon Wagner 12/6/2018
94068137FD3042D...
Professional Land Surveyor

L-430I
PLS #

Seal

PI Sta 163+46.06
 $\Delta = 46^\circ 24' 19.4" (RT)$
 $D = 4^\circ 14' 38.9"$
 $L = 1,093.40'$
 $T = 578.69'$
 $R = 1,350.00'$
 $SE = 0.06 \text{ FT/FT}$
 $RO = \text{SEE PLANS}$

PI Sta 171+65.43
 $\Delta = 19^{\circ} 12' 46.1''$ (RT)
 $D = 3^{\circ} 10' 59.2''$
 $L = 603.59'$
 $T = 304.65'$
 $R = 1,800.00'$
 $SE = 0.06$ FT/FT
 $RO = SEE$ PLANS

-Y4-	
PI Sta 11+00.77	PI Sta 12+46.08
Δ = 85° 59' 49.7" (RT)	Δ = 44° 23' 57.2" (LT)
D = 81° 51' 04.0"	D = 57° 17' 44.8"
L = 105.07'	L = 77.49'
T = 65.27'	T = 40.81'
R = 70.00'	R = 100.00'
SE = 0.04 FT/FT	SE = 0.04 FT/FT
RO = SEE PLANS	RO = SEE PLANS
-1-	NOTE

NOTES:

I. IF FURTHER INFORMATION REGARDING PROJECT CONTROL
IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

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

6/2/2019

30-JUN-2018 08:20 R-25666BA.RW CONTROL SHEET.rpt-25666BA.Rdw_psh_06.dgn
25666BA.DWG
25666BA.DWG

REVISIONS

I, R. Landon Wagoner, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work items (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

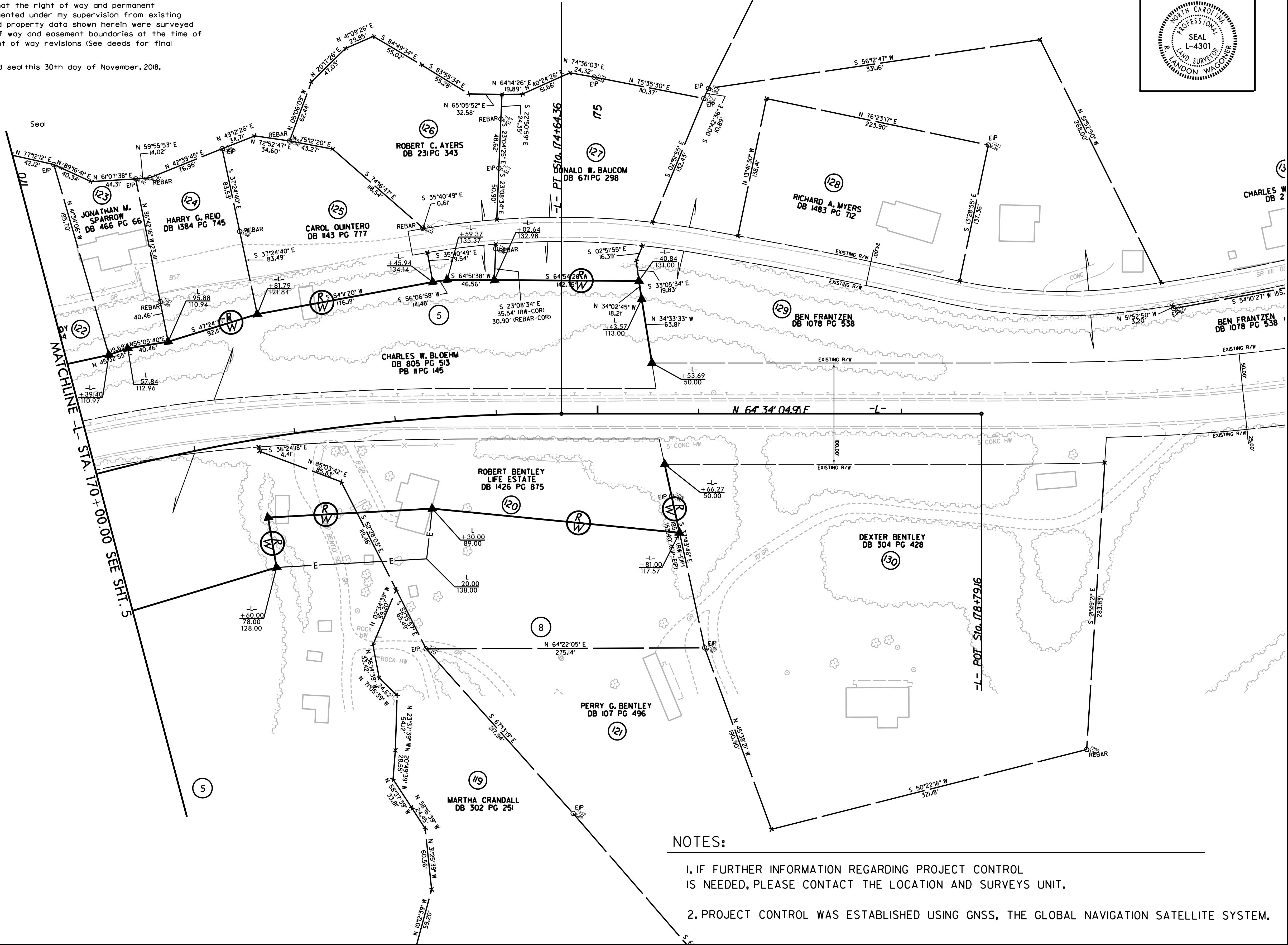
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Witness my original signature, registration number and seal this 30th day of November, 2018.

DocuSigned by:
R. Landon Wagoner 12/6/2018
Professional Land Surveyor

L-4301
PLS *



PROJECT REFERENCE NO.	SHEET NO.
R25666BA	RW06
Location and Surveys	
PROJECT SURVEYOR	
NORTH CAROLINA PROFESSIONAL LAND SURVEYOR SEAL L-4301 R. LANDON WAGONER	

NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.