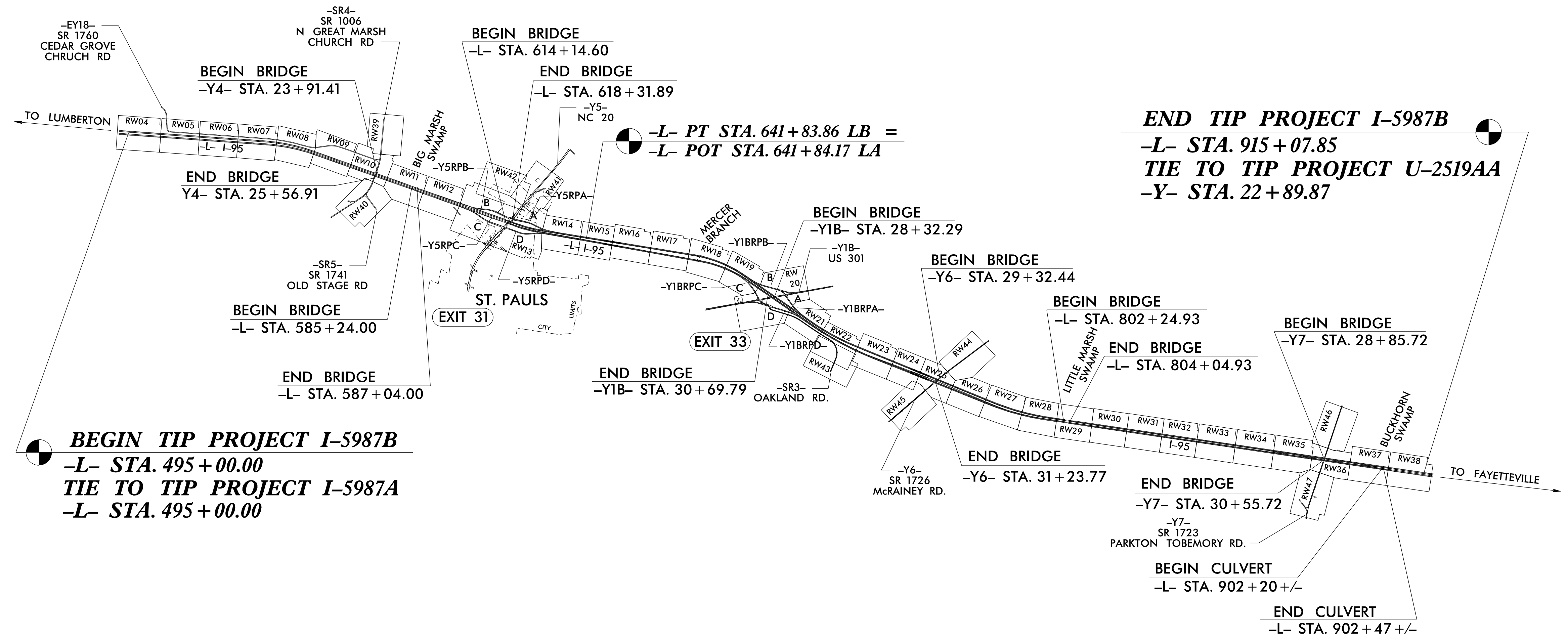
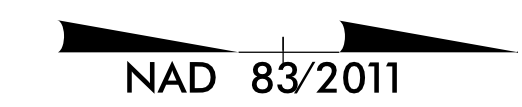


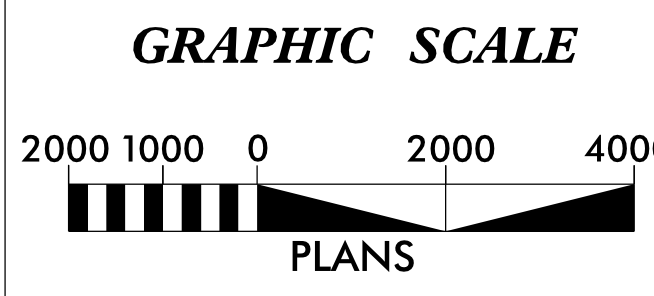
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5987B	RW01	73

**TIP PROJECT: I-5987B**

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
 SURVEY CONTROL, EXISTING CENTERLINES,  
 RIGHT OF WAY, EASEMENTS AND PROPERTY TIES  
**ROBESON COUNTY**



28-FEB-2022 16:21  
 Z:\CAD\2019\190035D\_NCDOT\_I5987B-RW-SURVEY\DCN\WORK\RW\RW SERIES SHEETS 220214\I5987b\_ls\_r\w01.dgn  
 jmatnews AT JKA-042



**DATUM DESCRIPTION**  
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "P-208" WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF NORTHING: 400,482,3114(ft) EASTING: 2,009,472,3791(ft) ELEVATION: 165.80(ft)  
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99990771  
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "P-208" TO -L- STATION 495+00.00 IS S 17-16'29.30" W 29,323.68(ft)  
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:  
**JoynerKeeny, PLLC**  
 1051 N. Winstead Avenue  
 Rocky Mount, NC 27804  
 252-977-3124  
 North Carolina Firm Number P-0551

---

2018 STANDARD SPECIFICATIONS

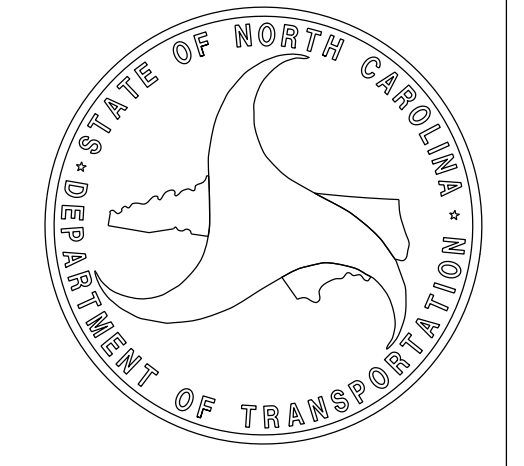
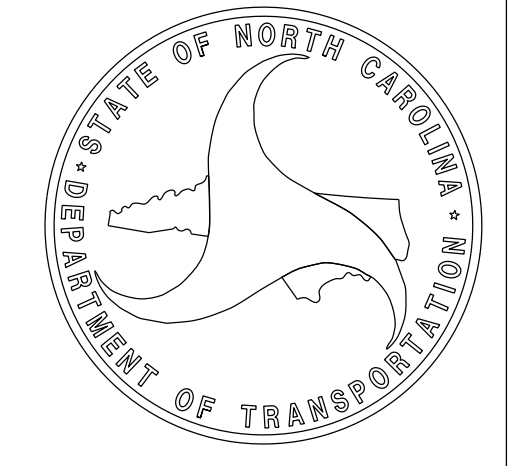
**RIGHT OF WAY DATE:** MAY 28, 2021  
**LETTING DATE:** JULY 17, 2022

**PROFESSIONAL LAND SURVEYOR**

DocuSigned by:  
 Stephen Wolfe  
 20220217090446

28 February 2022


SIGNATURE: \_\_\_\_\_ Date: \_\_\_\_\_

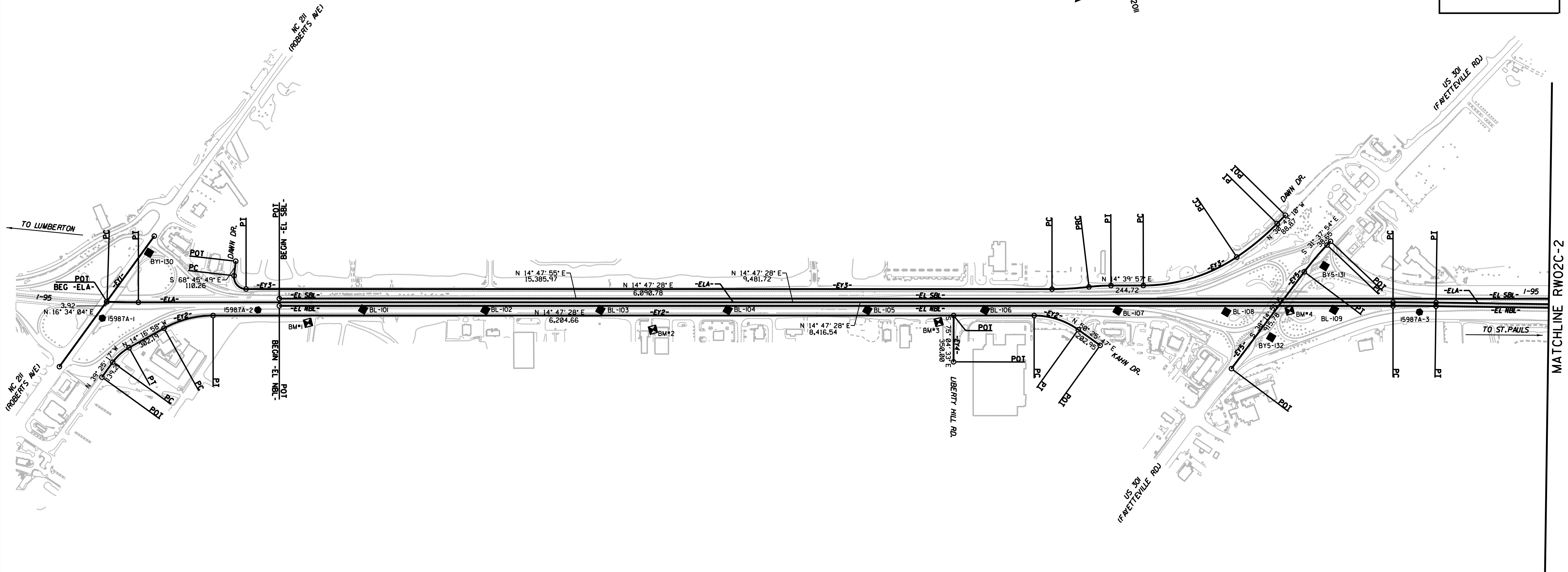
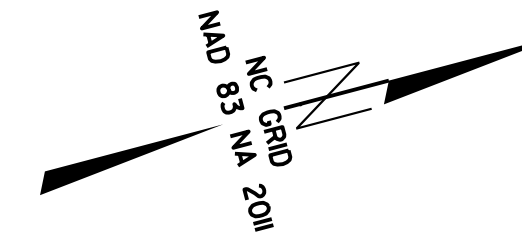


6/2/09

# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. I-5987	SHEET NO. RW02C-1
Location and Surveys	
 <b>CALYX</b> ENGINEERS + CONSULTANTS 6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	



REVISIONS

SEE SHEETS RW02C-13 THRU RW02C-22 FOR FURTHER ALIGNMENT DETAILS


### NOTES:

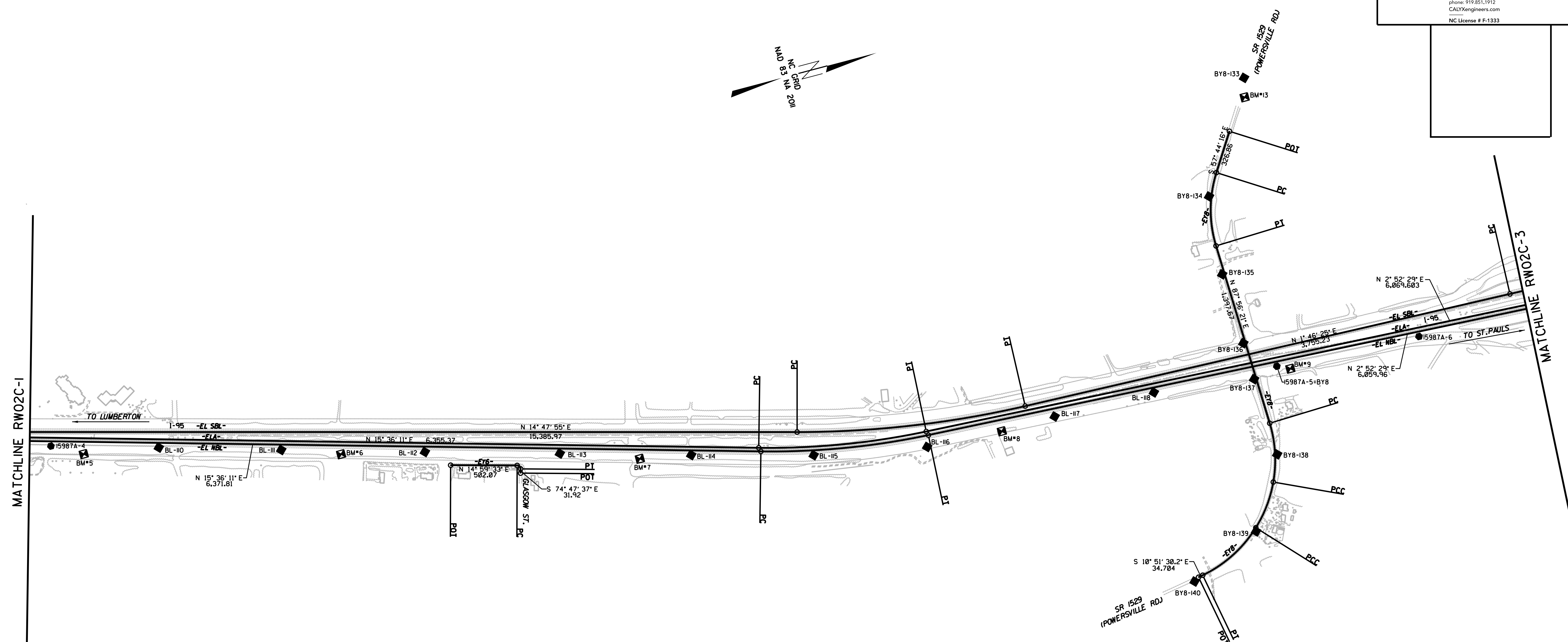
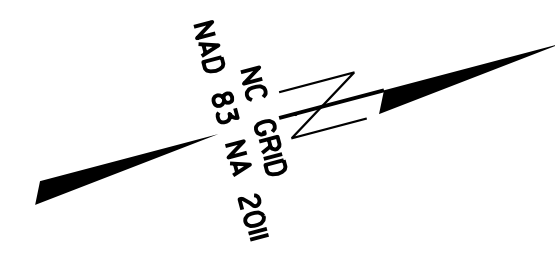
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

28-AUG-2019 15:20  
 G:\Projects\2019\201901534\SUR\Control\_Sheets\5987\_1s\_rw02c-1.dgn  
 essmith

# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-2
Location and Surveys	
 <b>CALYX</b> ENGINEERS & CONSULTANTS 6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	




**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.

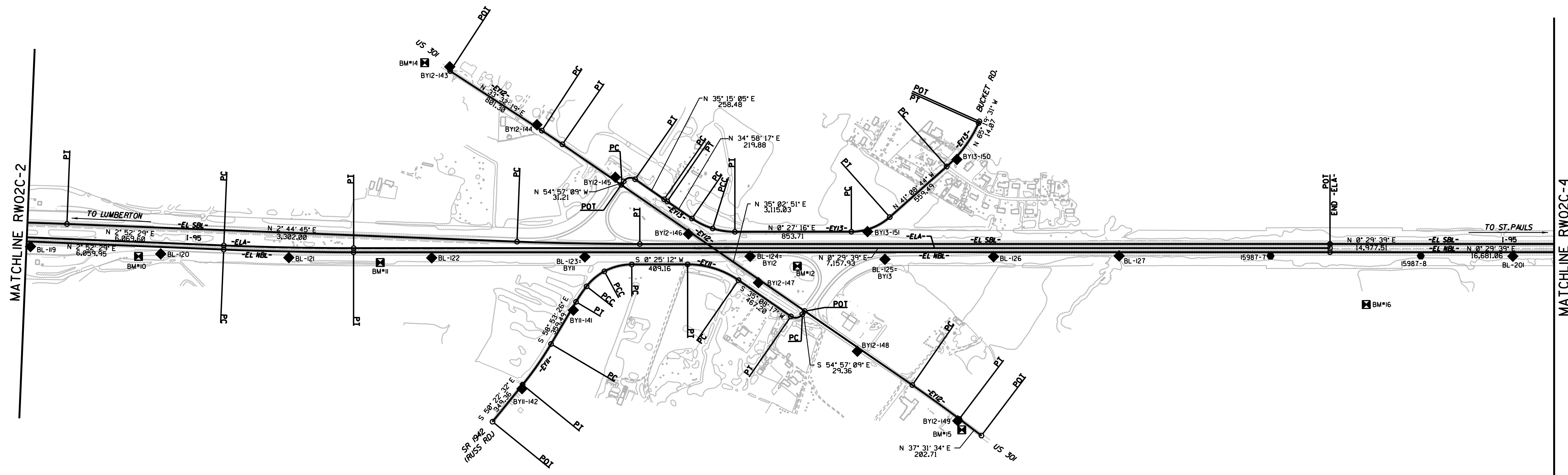
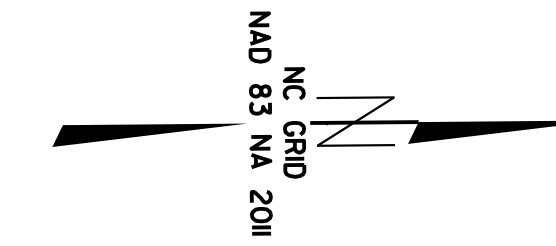
REVISIONS

28-AUG-2019 15:20  
G:\Projects\2019\1534\SUR\Control\_Sheets\5987\_1s\_rw02c-2.dgn  
essmith

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-3
Location and Surveys	
 <b>CALYX</b> <small>ENGINEERS &amp; CONSULTANTS</small>	
<small>6750 TRYON ROAD        CARY, NC 27518        phone: 919.851.1912        CALYXengineers.com        NC License # F-1333</small>	

# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



REVISIONS

28-AUG-2019 15:21  
 C:\Projects\2019\1534\SUR\Control\_Sheets\5987\_1s\_rw02c-3.dgn  
 essmith AT ESSMITH-7-1217

SEE SHEETS RW02C-13 THRU  
 RW02C-22 FOR FURTHER  
 ALIGNMENT DETAILS


**NOTES:**

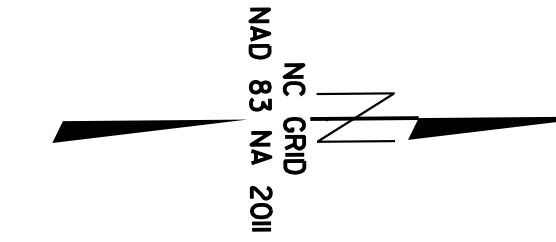
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

6/2/09

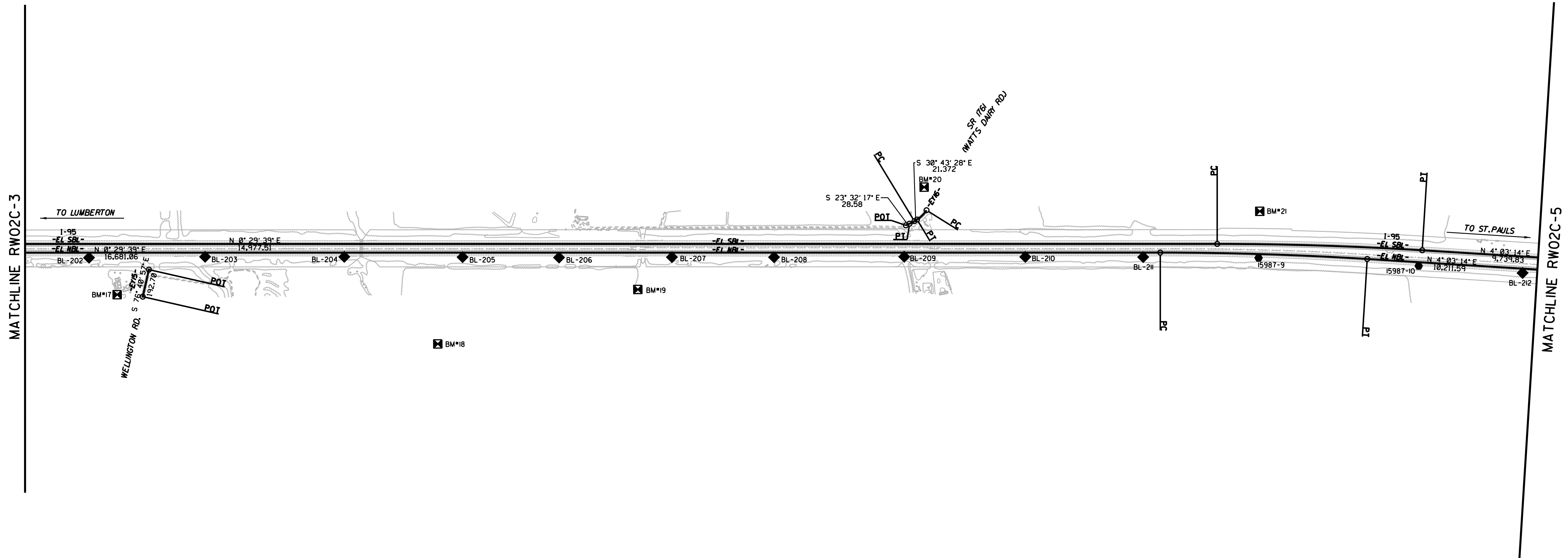
# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-4
Location and Surveys	
 <b>CALYX</b> <small>ENGINEERS + CONSULTANTS</small>	
<small>6750 TRYON ROAD        CARY, NC 27518        phone: 919.851.1912        CALYXengineers.com        NC License # F-1333</small>	



REVISIONS



SEE SHEETS RW02C-13 THRU RW02C-22 FOR FURTHER ALIGNMENT DETAILS


### NOTES:

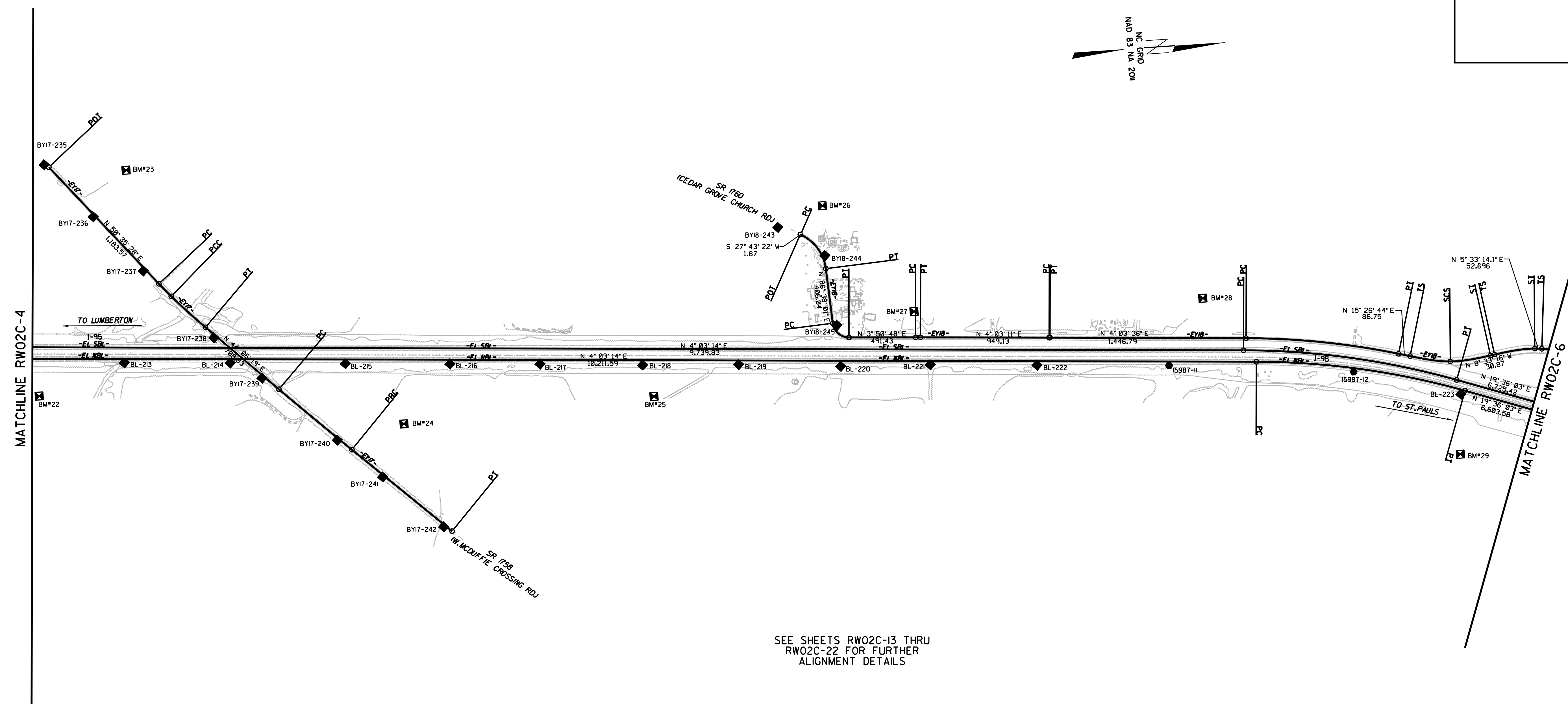
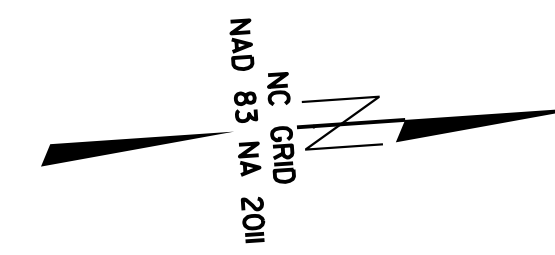
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

28-AUG-2019 15:21  
 G:\Projects\2019\015\_34\_SUR\Control\_Sheets\5987\_1s\_rw02c-4.dgn  
 essmith AT ESSMITH-7-1217

# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-5
Location and Surveys	
 <b>CALYX</b> ENGINEERS + CONSULTANTS 6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	




SEE SHEETS RW02C-13 THRU RW02C-22 FOR FURTHER ALIGNMENT DETAILS

### 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.

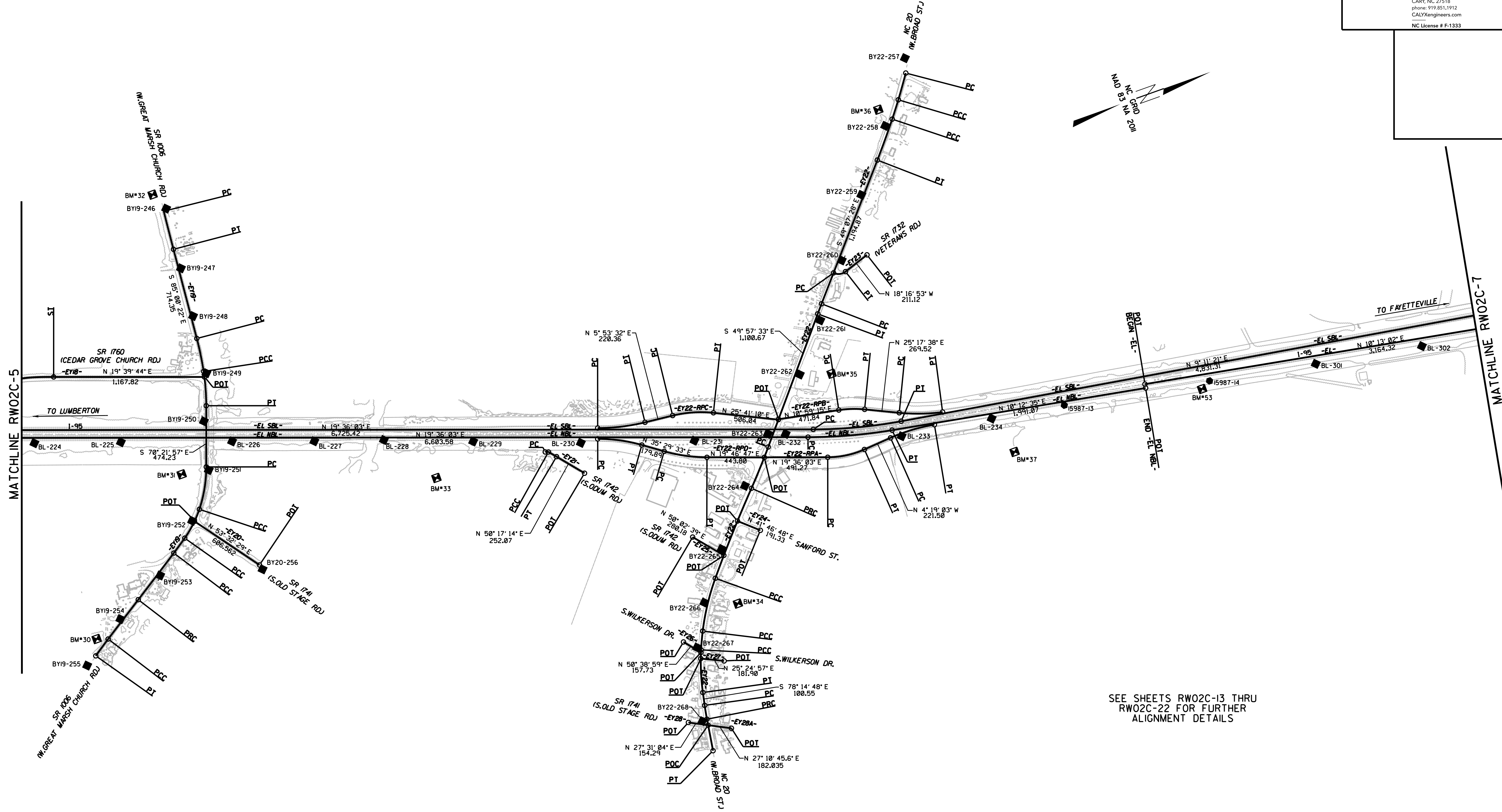
REVISIONS

28-AUG-2019 15:21  
G:\Projects\2019015\_34\_SUR\Control\_Sheets\5987\_1s\_rw02c-5.dgn  
essmith

PROJECT REFERENCE NO. I-5987	SHEET NO. RW02C-6
Location and Surveys	
 <small>ENGINEERS &amp; CONSULTANTS</small> 6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	

# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION




SEE SHEETS RW02C-13 THRU RW02C-22 FOR FURTHER ALIGNMENT DETAILS

**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.

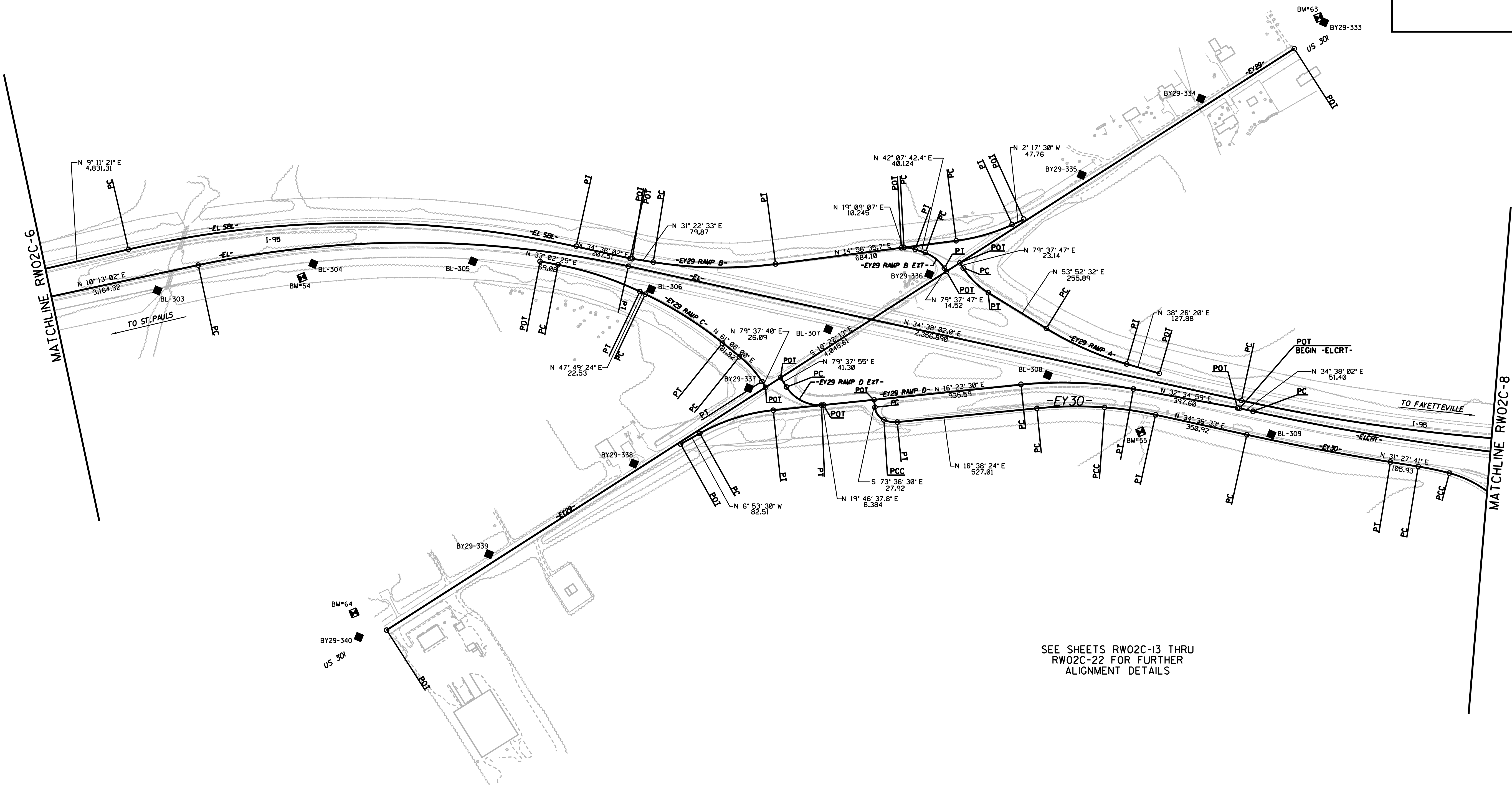
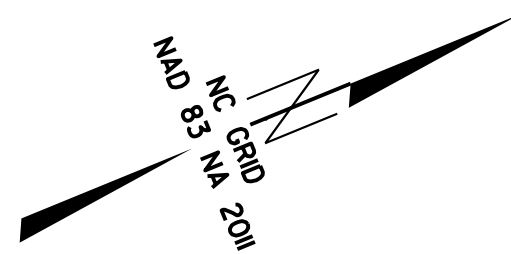
REVISIONS

28-AUG-2019 15:21  
 G:\P\0\sect\2019\2019015\_34\_SUR\Control\_Sheets\5987\_1s\_rw02c-6.dgn  
 essmith

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-7
Location and Surveys	
 <b>CALYX</b> ENGINEERS & CONSULTANTS 6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	

# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



REVISIONS

28-AUG-2019 15:22  
 G:\Projects\2019\1534\SUR\Control\_Sheets\5987\_1s.rw02c-7.dgn  
 essmith

SEE SHEETS RW02C-13 THRU  
RW02C-22 FOR FURTHER  
ALIGNMENT DETAILS


- 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.

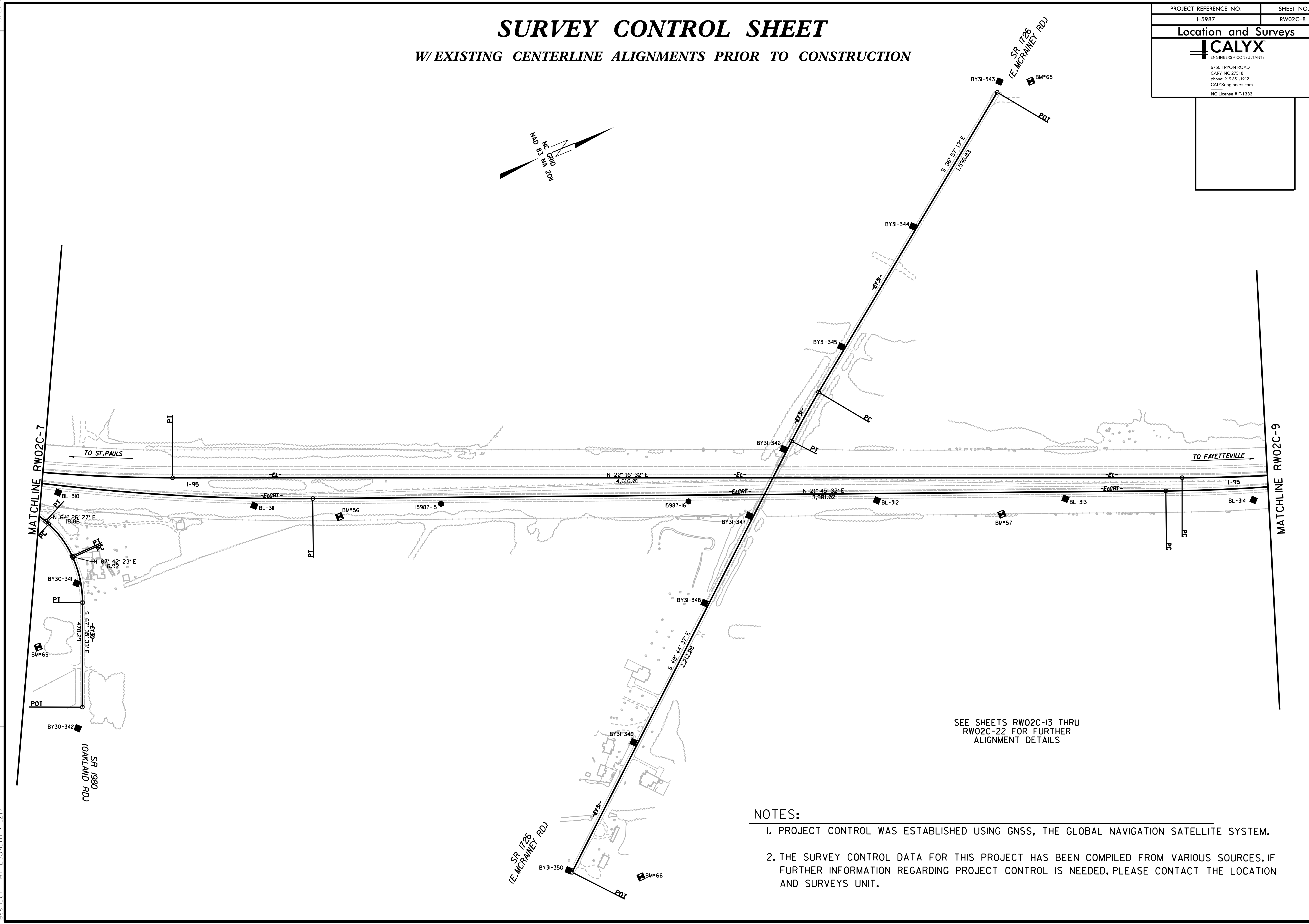
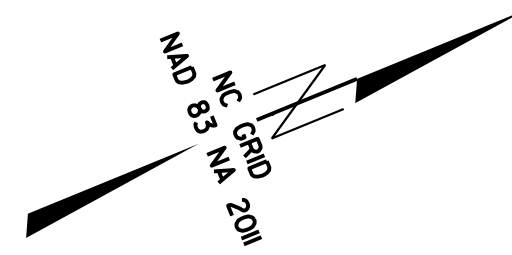


6/2/09

# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-8
Location and Surveys	
 <b>CALYX</b> ENGINEERS + CONSULTANTS 6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	



SEE SHEETS RW02C-13 THRU RW02C-22 FOR FURTHER ALIGNMENT DETAILS

### 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

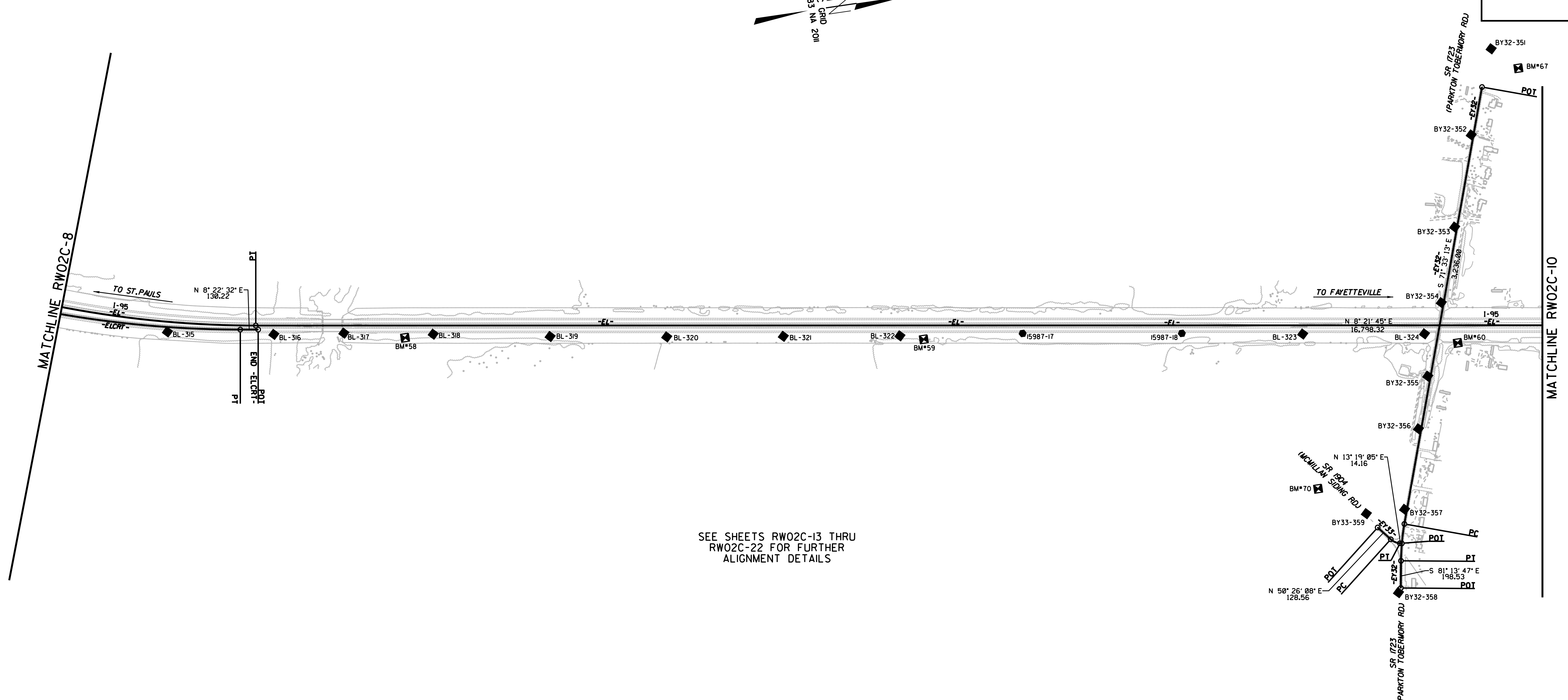
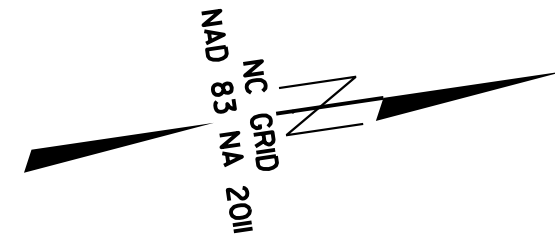
28-AUG-2019 15:22  
 G:\Projects\2019\1534\SUR\Control\_Sheets\5987\_1s\_rw02c-8.dgn  
 esmith AT ESSMITH-7-1217

6/2/09

# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-9
Location and Surveys	
 <b>CALYX</b> ENGINEERS & CONSULTANTS 6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	



SEE SHEETS RW02C-13 THRU RW02C-22 FOR FURTHER ALIGNMENT DETAILS

### 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

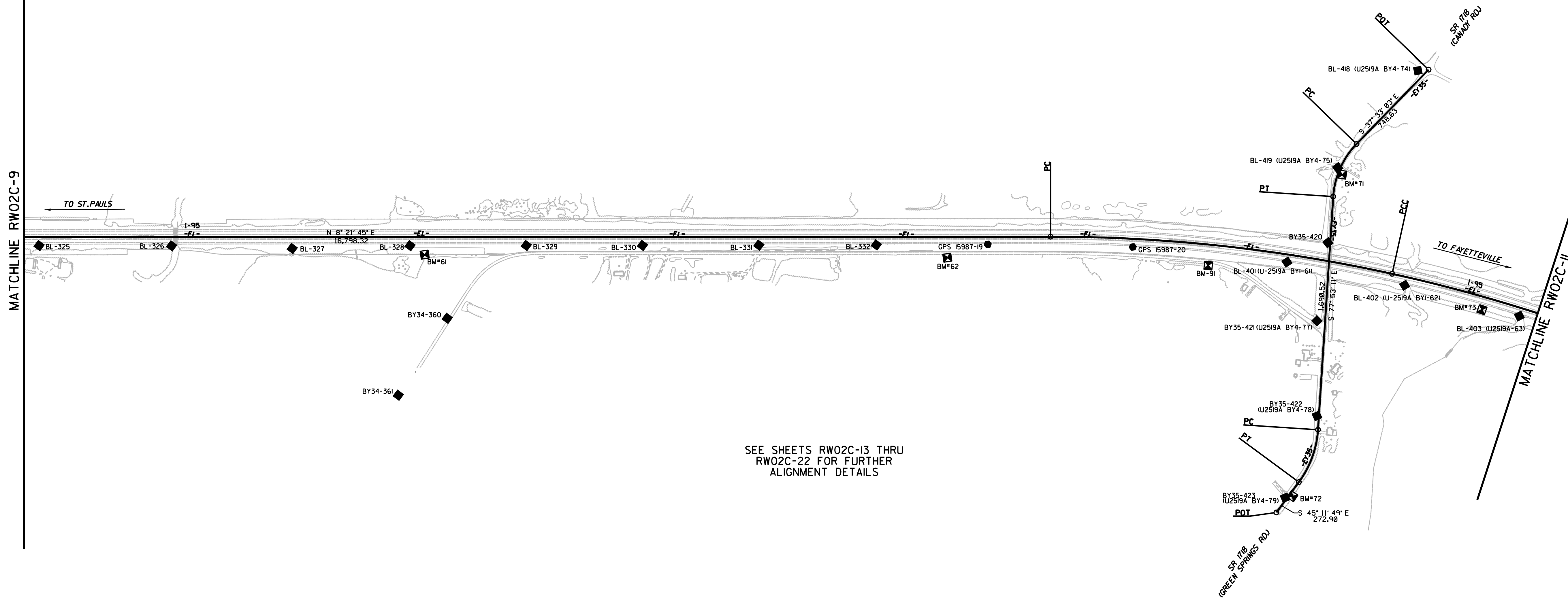
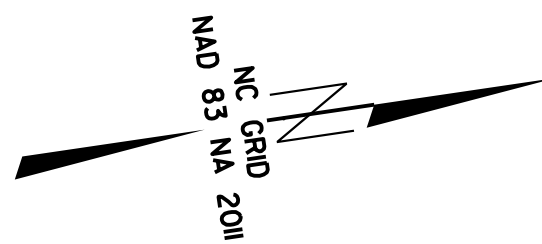
28-AUG-2019 15:22  
 G:\Projects\2019\015\_34\_SUR\Control\_Sheets\5987\_1s\_rw02c-9.dgn  
 esmith

6/2/09

# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-10
Location and Surveys	
 <b>CALYX</b> ENGINEERS + CONSULTANTS 6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	




SEE SHEETS RW02C-13 THRU RW02C-22 FOR FURTHER ALIGNMENT DETAILS

### 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.

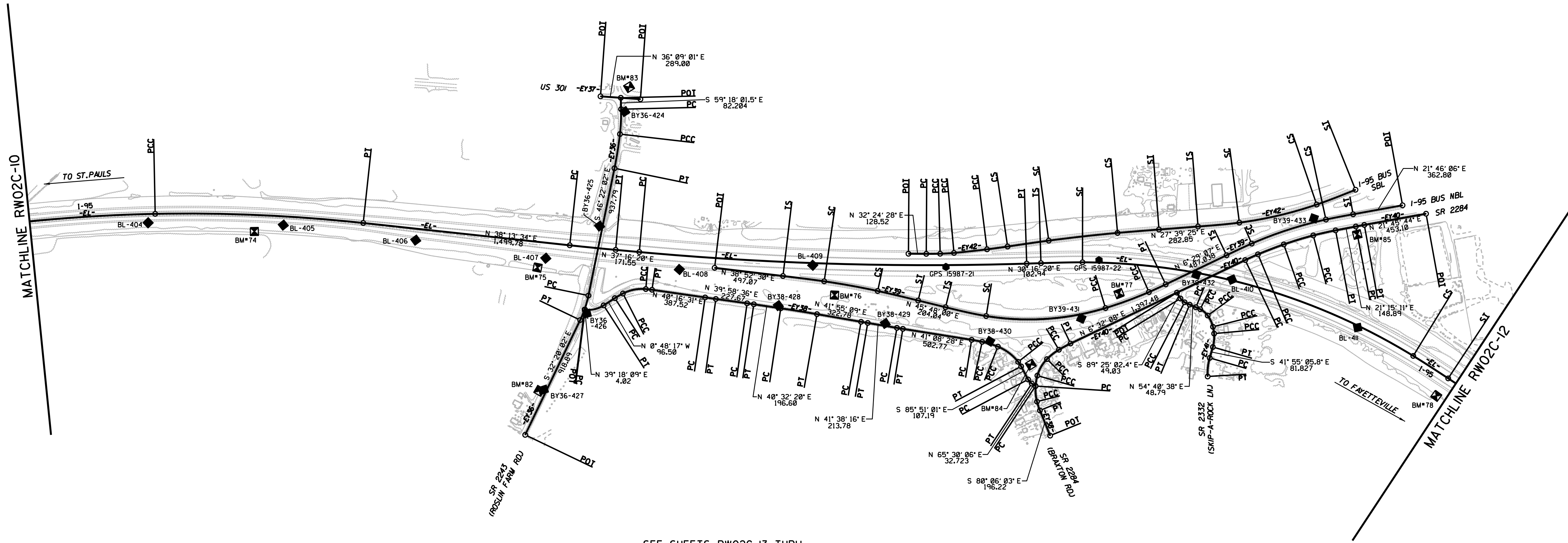
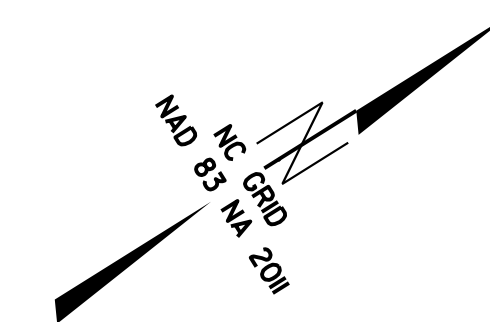
REVISIONS

28-AUG-2019 15:22  
 G:\Project\2019\1534\SUR\Control\_Sheets\5987\_1s\_rw02c-10.dgn  
 essmith

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-11
Location and Surveys	
 <b>CALYX</b> ENGINEERS • CONSULTANTS 6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	

# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



SEE SHEETS RW02C-13 THRU  
RW02C-22 FOR FURTHER  
ALIGNMENT DETAILS

**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.

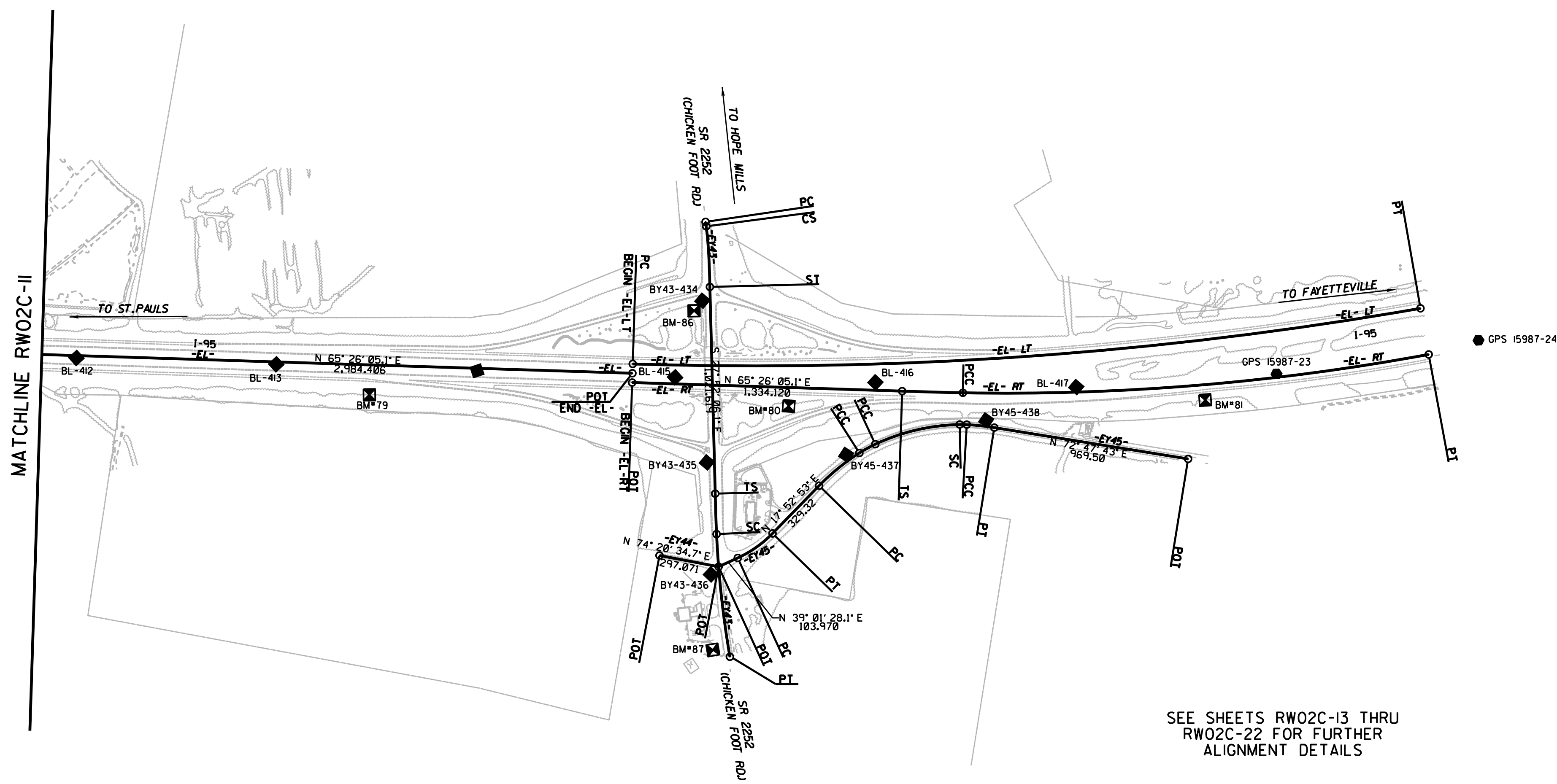
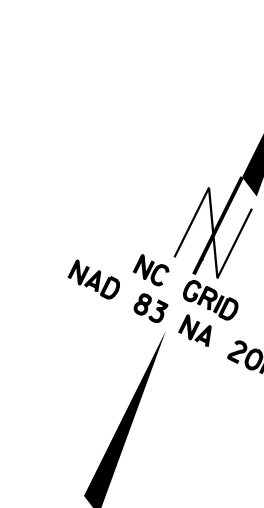
REVISIONS

28-AUG-2019 15:23  
G:\Projects\2019\01534\SUR\Control\_Sheets\5987\_1s\_rw02c-11.dgn  
essmith

# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-12
Location and Surveys	
 <b>CALYX</b> ENGINEERS • CONSULTANTS 6750 TRYON ROAD CARY, NC 27518 phone: 919.851.1912 CALYXengineers.com NC License # F-1333	




### 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.



# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-14
<b>Location and Surveys</b>	
	
<small>6750 TRYON ROAD CARY, NC 27518 phone: 919.851.9112 CALYXengineers.com NC License # F-1333</small>	

BY22	POINT	DESC.	NORTH	EAST	ELEVATION
257	BY22-257		388121.3520	2001725.0390	165.44
258	BY22-258		387800.6500	2002167.6880	165.33
259	BY22-259		387447.1670	2002609.5000	169.62
260	BY22-260		387133.4950	2003036.4200	167.36
261	BY22-261		386820.8810	2003418.3010	162.80
262	BY22-262		386530.0010	2003760.1870	163.46
263	BY22-263		386142.6680	2004110.4440	163.93
E00BY22	EO NOT SET		386134.4427	2004119.1080	UNKNOWN
264	BY22-264		385839.4230	2004429.8620	166.63
265	BY22-265		385504.6650	2004830.0130	168.49
266	BY22-266		385239.6960	2005175.8100	167.59
267	BY22-267		385069.1780	2005484.8840	162.25
268	BY22-268		384916.0450	2006036.1810	162.78

BY36	POINT	DESC.	NORTH	EAST	ELEVATION
424	BY36-424		427027.1415	2015322.5329	177.24
425	BY36-425		426433.3988	2015925.9923	202.86
426	BY36-426		426020.8982	2016412.5485	198.62
427	BY36-427		425466.2560	2016713.2885	176.02
JKA407	BL-407		425981.2438	2015916.6466	178.76

BY38	POINT	DESC.	NORTH	EAST	ELEVATION
JKA408	BL-408		426755.2341	2016497.3931	180.28
428	BY38-428		427222.2071	2017097.3760	177.72
429	BY38-429		427808.0721	2017616.9519	178.95
430	BY38-430		428380.1450	2018126.8532	178.16

BY29	POINT	DESC.	NORTH	EAST	ELEVATION
333	BY29-333		396395.8740	2006049.5370	170.47
334	BY29-334		395859.1810	2006139.7840	166.47
335	BY29-335		395335.8750	2006235.2000	169.90
336	BY29-336		394664.8950	2006363.6230	189.93
WD600	BL-307		394235.4320	2006411.2820	173.27
337	BY29-337		393875.5720	2006502.4550	183.30
338	BY29-338		393368.3850	2006601.0220	170.19
339	BY29-339		392735.9440	2006709.7900	167.33
340	BY29-340		392165.7680	2006812.4850	165.56

BY39	POINT	DESC.	NORTH	EAST	ELEVATION
JKA430	BY38-430		428380.1450	2018126.8532	178.16
431	BY39-431		429026.8384	2018337.6208	182.53
432	BY39-432		429899.2022	2018510.0854	177.94
433	BY39-433		430833.2266	2018616.8997	181.82

BY43	POINT	DESC.	NORTH	EAST	ELEVATION
434	BY43-434		432757.9449	2022974.8732	174.93
435	BY43-435		432051.9408	2023349.5673	177.35
436	BY43-436		431564.6550	2023613.5845	170.88

BY30	POINT	DESC.	NORTH	EAST	ELEVATION
WD601	BL-310		396415.4790	2007845.5790	171.66
341	BY30-341		396336.0350	2008261.6770	170.99
342	BY30-342		396089.9660	2008877.1840	171.96

BY45	POINT	DESC.	NORTH	EAST	ELEVATION
JKA436	BY43-436		431564.6550	2023613.5845	170.88
437	BY45-437		432391.3495	2023948.9188	166.92
438	BY45-438		432850.7420	2024493.1231	155.00

BY31	POINT	DESC.	NORTH	EAST	ELEVATION
343	BY31-343		401110.9710	2007738.0500	169.84
344	BY31-344		400493.5460	2008200.7980	166.66
345	BY31-345		399982.1570	2008584.7570	165.34
346	BY31-346		399559.9000	2008918.4880	186.19
WD602	15987-16		399067.1086	2008975.7270	167.12
347	BY31-347		399299.4910	2009141.0540	185.68
348	BY31-348		398959.2650	2009433.3500	167.87
349	BY31-349		398417.4820	2009899.3240	168.60
350	BY31-350		397920.6160	2010329.1600	168.70

BY32	POINT	DESC.	NORTH	EAST	ELEVATION
351	BY32-351		412142.8950	2009523.6630	173.36
352	BY32-352		411907.8910	2010123.6940	173.35
353	BY32-353		411690.5470	2010770.7500	173.03
354	BY32-354		411513.7470	2011301.8880	188.18
WD603	BL-324		411359.4080	2011509.1670	170.28
355	BY32-355		411337.7070	2011818.0130	180.65
356	BY32-356		411215.3670	2012188.0750	168.22
357	BY32-357		411029.3200	2012754.1940	166.94
358	BY32-358		410896.9320	2013348.9160	165.99

BY33	POINT	DESC.	NORTH	EAST	ELEVATION
359	BY33-359		410749.0220	2012744.9590	167.39
WD604	BY32-357		411029.3200	2012754.1940	166.94

BY34	POINT	DESC.	NORTH	EAST	ELEVATION
361	BY34-361		414729.0370	2013099.7360	167.58
360	BY34-360		415160.0620	2012600.9480	169.65
WD605	BL-329		415802.0060	2012162.8700	174.11

BY35	POINT	DESC.	NORTH	EAST	ELEVATION
418	BY35-418	STAMPE	422361.8194	2011850.2085	171.28
419	BY35-419	STAMPE	421685.9367	2012460.3719	170.42
420	BY35-420		421537.4068	2012986.3019	187.50
421	BY35-421	STAMPE	421376.4284	2013534.6262	173.83
422	BY35-422	STAMPE	421276.6872	2014214.6524	168.74
423	BY35-423	STAMPE	420962.4929	2014767.4036	167.12


**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.

REVISIONS

# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-15
<b>Location and Surveys</b>	
	
<small>6750 TRYON ROAD CARY, NC 27518 phone: 919.851.9112 CALYXengineers.com NC License # F-1333</small>	

REVISIONS

.....  
 BM1 ELEVATION • 119.54  
 N 327713 E 1996478  
 BENCH NAIL SET IN BASE OF 18' OAK  
 .....

.....  
 BM2 ELEVATION • 126.03  
 N 330220 E 1997194  
 BENCH NAIL SET IN BASE OF 18' BRADFORDPEAR  
 .....

.....  
 BM3 ELEVATION • 129.50  
 N 332322 E 1997688  
 BENCH NAIL SET IN BASE OF 12' OAK  
 .....

.....  
 BM4 ELEVATION • 128.58  
 N 334909 E 1998282  
 PK NAIL IN BST SOUTH OF CONC DITCH  
 .....

.....  
 BM5 ELEVATION • 134.06  
 N 337177 E 1998961  
 BENCH NAIL SET IN BASE OF 24' OAK  
 .....

.....  
 BM6 ELEVATION • 139.14  
 N 339055 E 1999458  
 BENCH NAIL SET IN BASE OF 36' PINE  
 .....

.....  
 BM7 ELEVATION • 143.25  
 N 341227 E 2000067  
 BENCH NAIL SET IN BASE OF 24' PINE  
 .....

.....  
 BM8 ELEVATION • 145.19  
 N 343921 E 2000564  
 BENCH NAIL SET IN BASE OF 36' PINE  
 .....

.....  
 BM9 ELEVATION • 146.42  
 N 346147 E 2000663  
 BENCH NAIL SET IN BASE OF 18' SWEET GUM  
 .....

.....  
 BM10 ELEVATION • 148.49  
 N 348905 E 2000799  
 BENCH NAIL SET IN BASE OF 24' PINE  
 .....

.....  
 BM11 ELEVATION • 146.32  
 N 350577 E 2000859  
 BENCH NAIL SET IN BASE OF 18' SWEET GUM  
 .....

.....  
 BM12 ELEVATION • 149.61  
 N 353635 E 2000912  
 BENCH NAIL SET IN BASE OF 18' PINE  
 .....

.....  
 BM13 ELEVATION • 147.86  
 N 346336 E 1998596  
 BENCH NAIL SET IN BASE 15' PINE  
 .....

.....  
 BM14 ELEVATION • 149.52  
 N 350915 E 1999396  
 BENCH NAIL SET IN BASE 15' PINE  
 .....

.....  
 BM15 ELEVATION • 147.07  
 N 354830 E 2002124  
 BENCH NAIL SET IN BASE OF 28' SWEET GUM  
 .....

.....  
 BM16 ELEVATION • 155.96  
 N 357803 E 2001230  
 RRS IN 12' PINE  
 .....

.....  
 BM17 ELEVATION • 152.37  
 N 359820 E 2001156  
 RRS IN 24' PINE  
 .....

.....  
 BM18 ELEVATION • 149.74  
 N 362043 E 2001517  
 RRS IN 14' OAK  
 .....

.....  
 BM19 ELEVATION • 153.20  
 N 363434 E 2001151  
 RRS IN 24' PINE  
 .....

.....  
 BM20 ELEVATION • 161.36  
 N 365427 E 2000457  
 RRS IN 12' PINE  
 .....

.....  
 BM21 ELEVATION • 164.09  
 N 367755 E 2000645  
 RRS IN 12' PINE  
 .....

.....  
 BM22 ELEVATION • 162.95  
 N 369710 E 2001345  
 RRS IN 10' HICKORY  
 .....

.....  
 BM23 ELEVATION • 167.58  
 N 370463 E 1999725  
 RRS IN 12' PINE  
 .....

.....  
 BM24 ELEVATION • 167.54  
 N 372380 E 2001734  
 RRS IN 11' PINE  
 .....

.....  
 BM25 ELEVATION • 165.11  
 N 374234 E 2001658  
 RRS IN 20' PINE  
 .....

.....  
 BM26 ELEVATION • 169.71  
 N 375569 E 2000337  
 RRS IN 24' PINE  
 .....

.....  
 BM27 ELEVATION • 167.06  
 N 376191 E 2001163  
 RRS IN 24' PINE  
 .....

.....  
 BM28 ELEVATION • 166.56  
 N 378322 E 2001210  
 RRS IN 36' OAK  
 .....

.....  
 BM29 ELEVATION • 166.91  
 N 380140 E 2002489  
 RRS IN 20' PINE  
 .....

.....  
 BM30 ELEVATION • 159.46  
 N 380712 E 2003858  
 RRS IN 12' OAK  
 .....

.....  
 BM31 ELEVATION • 155.00  
 N 381761 E 2002878  
 RRS IN 12' OAK  
 .....

.....  
 BM32 ELEVATION • 161.03  
 N 382278 E 2000761  
 RRS IN 24' PINE  
 .....

.....  
 BM33 ELEVATION • 149.44  
 N 383610 E 2003568  
 RRS IN 14' PINE  
 .....

.....  
 BM34 ELEVATION • 167.91  
 N 385482 E 2005271  
 RRS IN 12' PINE  
 .....

.....  
 BM35 ELEVATION • 164.21  
 N 386765 E 2003837  
 RRS IN 24' PINE  
 .....

.....  
 BM36 ELEVATION • 164.13  
 N 387793 E 2002032  
 RRS IN 18' PINE  
 .....

.....  
 BM37 ELEVATION • 162.39  
 N 387896 E 2004885  
 RRS IN 24' PINE  
 .....

.....  
 BM53 ELEVATION • 165.96  
 N 389428 E 2004914  
 TIE SPIKE SET IN 20' OAK  
 .....

.....  
 BM54 ELEVATION • 170.46  
 N 392480 E 2005482  
 TIE SPIKE SET IN 19' OAK  
 .....

.....  
 BM55 ELEVATION • 173.31  
 N 395176 E 2007212  
 TIE SPIKE SET IN 20' OAK  
 .....

.....  
 BM56 ELEVATION • 167.60  
 N 397564 E 2008436  
 TIE SPIKE SET IN 15' GUM  
 .....

.....  
 BM57 ELEVATION • 171.31  
 N 400371 E 2009573  
 TIE SPIKE SET IN 22' PINE  
 .....

.....  
 BM58 ELEVATION • 146.16  
 N 404004 E 2010455  
 TIE SPIKE SET IN 20' OAK  
 .....

.....  
 BM59 ELEVATION • 174.25  
 N 407743 E 2011017  
 TIE SPIKE SET IN 14' OAK  
 .....

.....  
 BM60 ELEVATION • 174.61  
 N 411590 E 2011611  
 TIE SPIKE SET IN 20' OAK  
 .....

.....  
 BM61 ELEVATION • 175.23  
 N 415066 E 2012122  
 TIE SPIKE SET IN 19' GUM  
 .....

.....  
 BM62 ELEVATION • 170.92  
 N 418800 E 2012694  
 TIE SPIKE SET IN 20' GUM  
 .....

.....  
 BM63 ELEVATION • 174.93  
 N 396384 E 2006026  
 TIE SPIKE SET IN 35' OAK  
 .....

.....  
 BM64 ELEVATION • 167.11  
 N 392184 E 2006722  
 TIE SPIKE SET IN 18' BIRCH  
 .....

.....  
 BM65 ELEVATION • 171.21  
 N 401245 E 2007791  
 TIE SPIKE SET IN 36' PECAN  
 .....

.....  
 BM66 ELEVATION • 171.01  
 N 398216 E 2010483  
 TIE SPIKE SET IN 16' PINE  
 .....

.....  
 BM67 ELEVATION • 175.43  
 N 412319 E 2009693  
 TIE SPIKE SET IN 40' PECAN  
 .....

.....  
 BM68 ELEVATION • 165.26  
 N 410879 E 2014020  
 TIE SPIKE SET IN 30' BIRCH  
 .....

.....  
 BM69 ELEVATION • 176.70  
 N 396064 E 2008465  
 TIE SPIKE SET IN 22' PINE  
 .....

.....  
 BM70 ELEVATION • 167.98  
 N 410428 E 2012514  
 TIE SPIKE SET IN 17' OAK  
 .....

.....  
 BM71 ELEVATION • 171.34  
 N 421712 E 2012515  
 BM71 FILED 'X' IN BONNET BOLT ON FIREHYDRANT  
 .....

.....  
 BM72 ELEVATION • 167.73  
 N 421016 E 2014764  
 BM72 RR SPIKE IN BASE OF 14' GUM  
 .....

.....  
 BM73 ELEVATION • 164.89  
 N 422568 E 2013628  
 BM73 RR SPIKE IN BASE OF 20' PINE  
 .....

.....  
 BM74 ELEVATION • 175.09  
 N 424301 E 2014637  
 BM74 RR SPIKE IN BASE OF 24' PINE  
 .....

.....  
 BM75 ELEVATION • 176.21  
 N 425896 E 2015942  
 BM75 RR SPIKE IN BASE OF 10' PINE  
 .....

.....  
 BM76 ELEVATION • 181.16  
 N 427607 E 2017249  
 BM76 RR SPIKE IN BASE OF 18' PINE  
 .....

.....  
 BM77 ELEVATION • 178.07  
 N 429353 E 2018330  
 BM77 RR SPIKE IN BASE OF 24' PINE  
 .....

.....  
 BM78 ELEVATION • 173.15  
 N 430902 E 2020171  
 BM78 RR SPIKE IN BASE OF 18' PINE  
 .....

.....  
 BM79 ELEVATION • 166.35  
 N 431610 E 2021708  
 BM79 RR SPIKE IN BASE OF 16' PINE  
 .....

.....  
 BM80 ELEVATION • 156.99  
 N 432481 E 2023588  
 BM80 RR SPIKE IN BASE OF 12' PINE  
 .....

.....  
 BM81 ELEVATION • 145.19  
 N 433421 E 2025417  
 BM81 RR SPIKE IN BASE OF 24' PINE  
 .....

.....  
 BM82 ELEVATION • 174.11  
 N 425433 E 2016703  
 BM82 RR SPIKE IN BASE OF 12' PINE  
 .....

.....  
 BM83 ELEVATION • 175.83  
 N 427146 E 2015189  
 BM83 RR SPIKE IN BASE OF 12' PINE  
 .....

.....  
 BM84 ELEVATION • 179.02  
 N 428541 E 2018427  
 BM84 RR SPIKE IN BASE OF 12' PINE  
 .....

.....  
 BM85 ELEVATION • 174.15  
 N 431037 E 2018881  
 BM85 RR SPIKE IN BASE OF 12' PINE  
 .....

.....  
 BM86 ELEVATION • 171.70  
 N 432695 E 2022960  
 BM86 RR SPIKE IN BASE OF 18' PINE  
 .....

.....  
 BM87 ELEVATION • 172.53  
 N 431235 E 2023788  
 BM87 FILED 'X' IN BONNET BOLT ON FIREHYDRANT  
 .....

.....  
 BM91 ELEVATION • 171.89  
 N 420658 E 2013025  
 BM91 RR SPIKE IN BASE OF 32' PINE  
 .....

### 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.
















# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-22
<b>Location and Surveys</b>	
	
<small>6750 TRYON ROAD                  CARY, NC 27518                  phone: 919.851.1912                  CALYXengineers.com                  NC License # F-1333</small>	

EY42

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	428217.405	2017279.410											
LINE			N 32°24'28.3" E	128.52									
PC	428325.908	2017348.289											
CURVE			N 31°32'18.2" E	100.27	0°44'20.2"(L T)	0°44'03.3"	100.27	50.14	3303.80				
PCC	428411.364	2017400.735											
CURVE			N 28°45'32.6" E	99.98	0°49'11.0"(L T)	0°3'49'11.0"	100.00	50.02	1500.00				
PCC	428499.013	2017448.839											
CURVE			N 25°52'01.2" E	239.99	0°57'51.9"(L T)	0°49'06.6"	240.00	120.01	7000.00				
PCC	428714.957	2017553.542											
CURVE			N 24°16'15.2" E	150.00	0°13'40.0"(L T)	0°49'06.6"	150.00	75.00	7000.00				
CS	428851.696	2017615.199											
SPIRAL			N 23°54'25.2" E	299.98						00°44'59.8"(RT)	299.98	199.99	99.99
SC	429125.937	2017736.765											
CURVE			N 25°39'25.1" E	499.96	0°30'00.0"(RT)	0°30'00.0"	500.00	250.04	11459.16				
CS	429576.604	2017953.240											
SPIRAL			N 27°24'25.0" E	299.98						00°44'59.8"(RT)	299.98	199.99	99.99
ST	429842.912	2018091.322											
LINE			N 27°39'24.9" E	282.85									
TS	430093.442	2018222.613											
SPIRAL			N 26°39'25.0" E	299.96						0°3'00'00.0"(L T)	300.00	200.03	100.03
SC	430361.522	2018357.191											
CURVE			N 18°54'59.2" E	573.09	1°28'51.4"(L T)	0°2'00'00.0"	574.05	287.99	2864.79				
CS	430903.658	2018542.980											
SPIRAL			N 11°10'33.4" E	299.96						0°3'00'00.0"(L T)	300.00	200.03	100.03
ST	430903.658	2018542.980											

EY43

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
PC	433113.570	2022815.760											
CURVE			S 34°18'55.2" E	22.34	00°53'36.7"(RT)	0°4'00'00.0"	22.34	11.17	1432.39				
CS	433095.120	2022828.353											
SPIRAL			S 29°52'05.7" E	299.86						06°00'00.8"(RT)	300.01	200.12	100.11
ST	432835.086	2022977.687											
LINE			S 27°52'06.1" E	1021.62									
TS	431931.950	2023455.234											
SPIRAL			S 28°15'26.3" E	200.04						0°10'00.8"(L T)	200.04	133.36	66.68
SC	431755.752	2023549.938											
CURVE			S 32°35'37.7" E	609.65	0°07'01.6"(L T)	0°10'00.0"	610.04	305.41	4911.07				
PT	431242.119	2023878.342											

EY44

POINT	N	E	BEARING	DIST
POT	431535.764	2023344.537		
LINE			N 74°20'34.7" E	297.07
POT	431615.937	2023630.585		

EY45

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	431615.937	2023630.585							
LINE			N 39°01'28.1" E	103.97					
PC	431696.709	2023696.050							
CURVE			N 28°27'10.6" E	210.23	21°08'35.0"(L T)	09°59'59.9"	211.43	106.93	572.96
PT	431881.548	2023796.213							
LINE			N 17°52'53.1" E	329.32					
PC	432194.960	2023897.330							
CURVE			N 24°28'34.7" E	256.29	13°11'23.2"(RT)	05°08'06.3"	256.86	129.00	1115.77
PCC	432428.217	2024003.515							
CURVE			N 34°48'28.3" E	89.94	0°28'24.1"(RT)	08°18'13.5"	90.00	45.06	690.00
PCC	432502.061	2024054.853							
CURVE			N 50°27'40.7" E	427.75	23°50'00.7"(RT)	05°31'54.2"	430.85	218.59	1035.77
PCC	432774.368	2024384.734							
CURVE			N 64°36'22.5" E	34.99	04°27'22.8"(RT)	12°43'56.6"	35.00	17.51	450.00
PCC	432789.374	2024416.345							
CURVE			N 69°48'53.5" E	136.89	05°57'39.2"(RT)	04°21'09.4"	136.95	68.54	1316.35
PT	432836.608	2024544.825							
LINE			N 72°47'43.2" E	969.50					
POT	433123.371	2025470.941							

**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

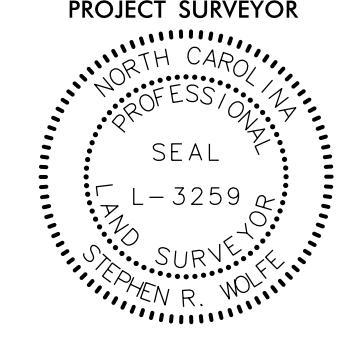




REVISIONS


2:\CADD\2019\190035C\_NCDOT\_15987B.RW\_Robeson\SURVEY\DCNN\WORK\RW series sheets\15987b\_1s\_rw02d-2.dgn  
AT JK-A-042  
jmatthews

# PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
I-5987B	RW02D-2
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

I, Stephen R. Wolfe, PLS, 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.

This 1st day of September, 2021.

DocuSigned by:  
  
 3086875F3945446... 02 November 2021  
 Professional Land Surveyor L-3259

Y5RPC

TYPE	STATION	NORTH	EAST
POT	10+00.00	384526.1580	2003615.2324
TS	13+00.00	384804.5075	2003727.1332
SC	14+25.00	384920.1976	2003774.4655
CS	17+86.17	385244.7018	2003932.6334
ST	19+11.15	385353.2407	2003994.5917
PC	20+45.41	385469.4299	2004061.8615
PT	23+41.94	385741.6744	2004177.4993
PC	25+28.83	385921.3582	2004228.8803
PT	25+86.38	385968.8324	2004259.8656

Y5RPD

TYPE	STATION	NORTH	EAST
TS	10+00.00	387609.7546	2004553.6788
SC	11+50.00	387461.0424	2004534.1048
CS	14+12.41	387199.2768	2004517.3271
SRS	15+62.41	387049.2825	2004517.7557
SC	17+12.41	386899.3112	2004516.5684
CS	20+05.13	386611.2181	2004468.5944
ST	21+55.13	386468.9550	2004421.1180
PC	22+93.43	386338.6692	2004374.7230
PT	25+33.54	386102.6316	2004340.0311

Y5\_2

TYPE	STATION	NORTH	EAST
PC	10+95.06	388089.0877	2001836.3448
PCC	13+10.25	387964.9516	2002012.1095
PCC	14+67.44	387869.9113	2002137.3053
PT	18+04.76	387655.2009	2002397.4237
PC	29+99.64	386873.2512	2003300.9075
PT	33+38.20	386659.3820	2003563.2974
PC	34+90.04	386566.9639	2003683.7825
PT	35+79.25	386510.0910	2003752.4819
PC	36+84.68	386439.8886	2003831.1389
PRC	38+05.79	386370.7718	2003930.2442
PT	38+77.53	386326.5372	2003986.2329
POT	39+51.18	386271.3036	2004034.9508
POT	42+73.08	386054.8105	2004273.1694
PC	43+41.69	386001.4845	2004316.3422
PRC	44+19.45	385951.9499	2004375.6535
PT	45+64.42	385865.1316	2004491.1329
PC	47+05.52	385765.1144	2004590.6493
PCC	47+65.63	385723.5827	2004634.0966
PT	52+85.70	385383.0843	2005027.1375

Y6

TYPE	STATION	NORTH	EAST
POT	10+00.00	401075.0375	2007785.3901
PC	15+43.60	400640.6351	2008112.1833
PRC	25+07.57	399896.4206	2008724.3887
PT	28+78.11	399616.6696	2008967.3408
PC	31+78.11	399386.9123	2009160.2439
PRC	38+12.16	398889.9414	2009553.8588
PT	45+87.03	398285.6991	2010038.7047
POT	48+96.70	398051.0827	2010240.8169

Y7

TYPE	STATION	NORTH	EAST
POT	9+99.10	412098.4324	2009603.8564
PC	19+12.98	411809.2644	2010470.7850
PT	22+83.04	411673.2647	2010814.7443
PC	23+79.04	411633.1483	2010901.9606
PT	27+54.30	411495.5045	2011250.8616
PC	40+00.30	411103.0655	2012433.4474
PT	45+67.60	410970.1691	2012984.2779
POT	50+50.00	410896.6166	2013461.0379

### NOTES:

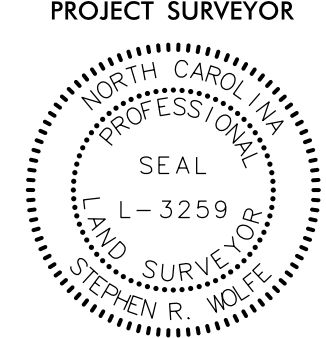
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE PROPOSED ALIGNMENT CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.







6/2/19

PROJECT REFERENCE NO.	SHEET NO.
I-5987B	RW04
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 12JUL2021 to 23AUG2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2021.

DocuSigned by:  
**Stephen Wolfe**  
3088875F3940446  
 02 November 2021  
 Professional Land Surveyor L-3259

**Begin TIP Project I-5987B**  
**-L- Sta. 495 + 00.00**  
**Tie To TIP Project I-5987A**  
**-L- Sta. 495 + 00.00**

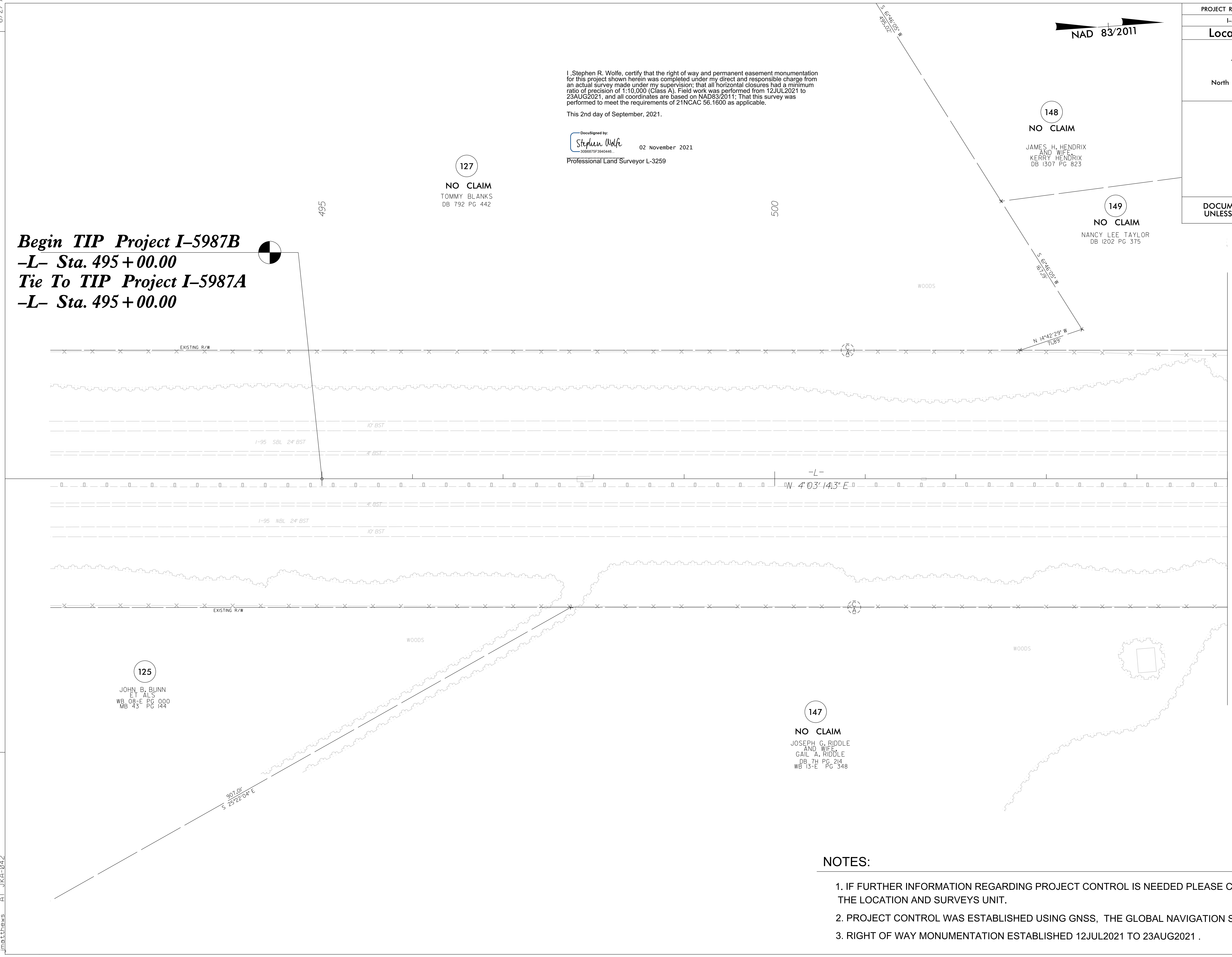
127  
 NO CLAIM  
 TOMMY BLANKS  
 DB 792 PG 442

148  
 NO CLAIM  
 JAMES H. HENDRIX  
 AND WIFE  
 KERRY HENDRIX  
 DB 1307 PG 823

149  
 NO CLAIM  
 NANCY LEE TAYLOR  
 DB 1202 PG 375

147  
 NO CLAIM  
 JOSEPH G. RIDDLE  
 AND WIFE  
 GAIL A. RIDDLE  
 DB 7H PG 214  
 WB 13-E PG 348

125  
 JOHN B. BUNN  
 ET ALS  
 WB 08-E PG 000  
 MB 45 PG 144



REVISIONS

MATCHLINE -L- STA. 505 + 00.00 SEE SHEET NO. RW05

**NOTES:**

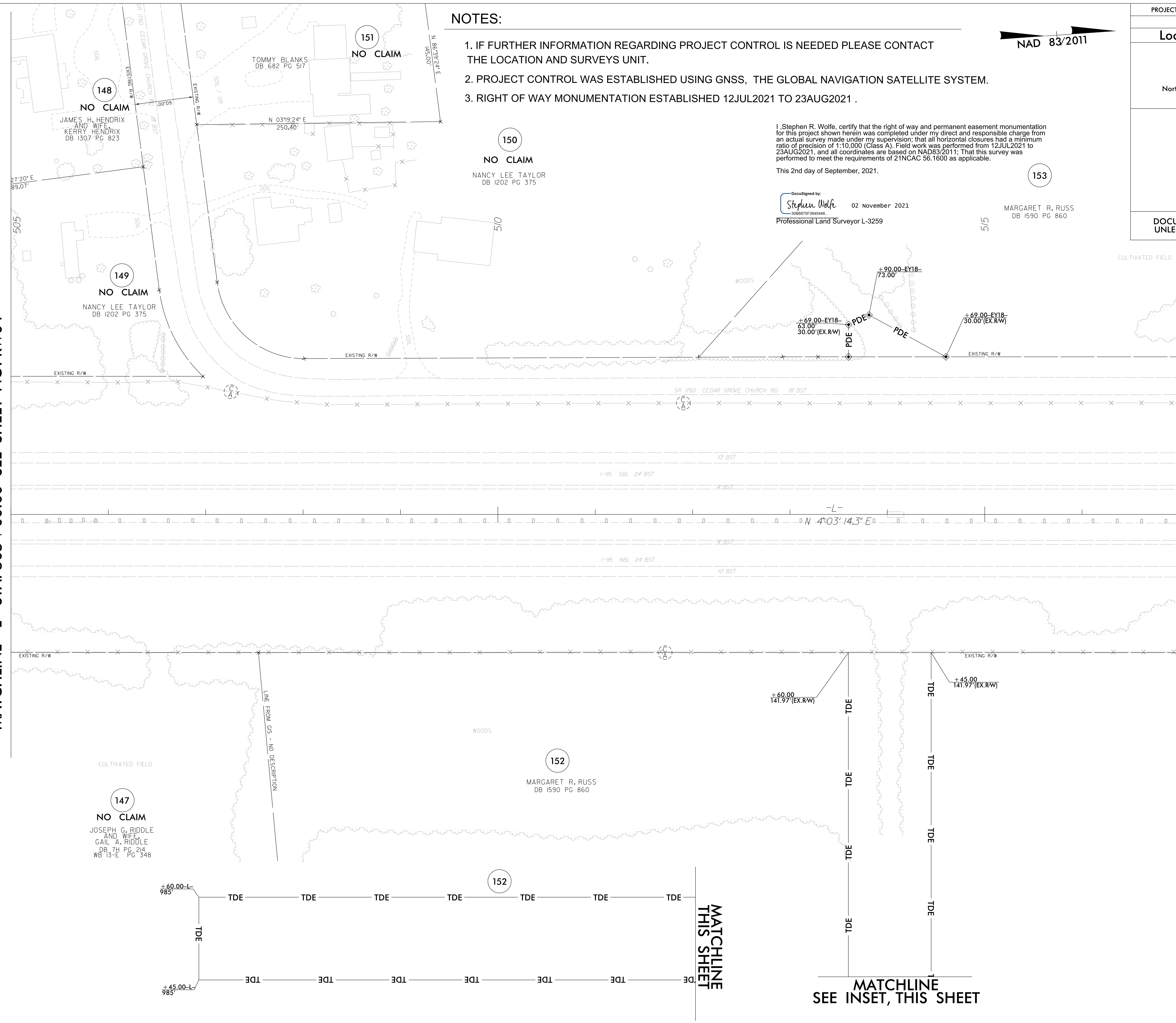
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 12JUL2021 TO 23AUG2021 .

21-OCT-2021 10:07 AM 90035C\_NGDDOT\_I5987B\_RW\_Robeson\SURVEY\DCNN\WORK\RW series sheets\I5987b\_1s\_rw04.dgn  
 jmatthews AT JK4-042

REVISIONS

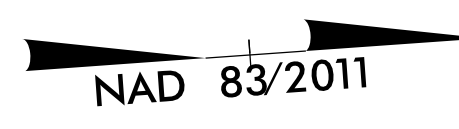
2-OCT-2021 11:17 190035C\_NCDOT\_15987B\_RW\_Robeson\SURVEY\DCN\WORK\RW\RW\_series\_sheets\15987b\_1s\_rw05.dgn  
21-OCT-2021 11:17 190035C\_NCDOT\_15987B\_AT\_JKA-042  
jmatthews

MATCHLINE -L- STA. 505 + 00.00 SEE SHEET NO. RW04



NOTES:

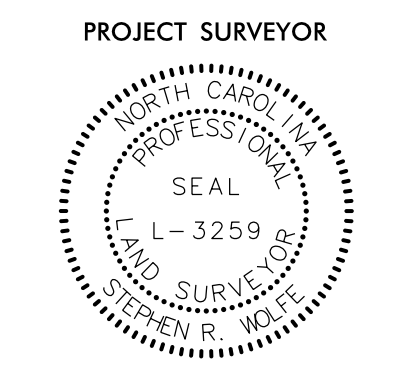
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 12JUL2021 TO 23AUG2021 .



I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 12JUL2021 to 23AUG2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

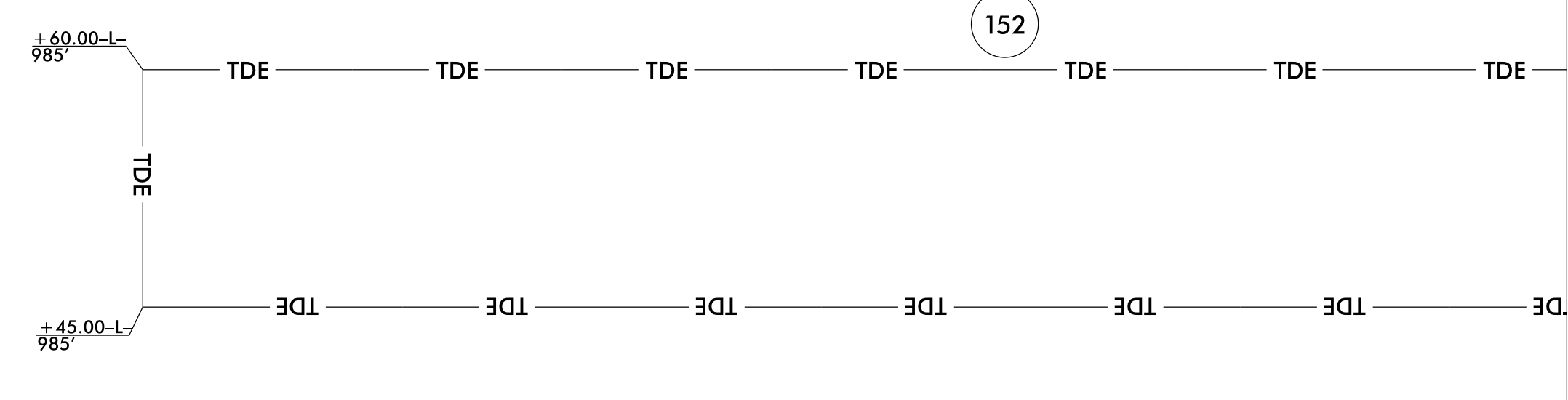
This 2nd day of September, 2021.

DocuSigned by:  
*Stephen Wolfe*  
02 November 2021  
3006657F3940446  
Professional Land Surveyor L-3259



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MATCHLINE -L- STA. 517 + 00.00 SEE SHEET NO. RW06

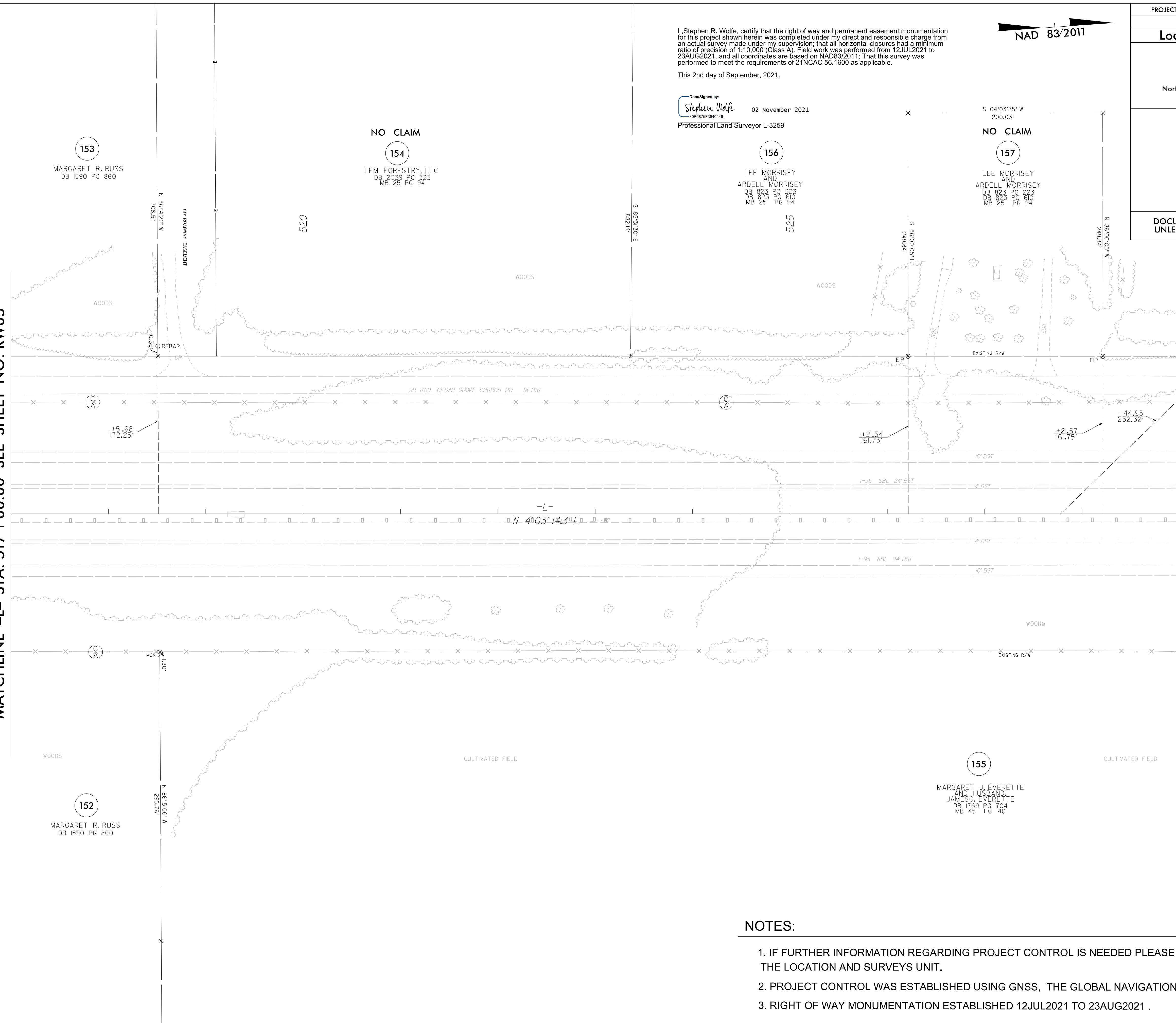


REVISIONS

2:\CADD\2019\190035C\_NCDOT\_15987B\_LRW\_Robeson\SURVEY\DCNN\WORK\RW\series sheets\15987b\_ls\_rw06.dgn  
jmatthews

MATCHLINE -L- STA. 517 + 00.00 SEE SHEET NO. RW05

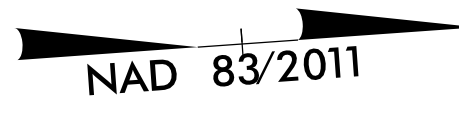
MATCHLINE -L- STA. 529 + 00.00 SEE SHEET NO. RW07



I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 12JUL2021 to 23AUG2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCA 56.1600 as applicable.

This 2nd day of September, 2021.

DocuSigned by:  
**Stephen Wolfe**  
02 November 2021  
Professional Land Surveyor L-3259



PROJECT REFERENCE NO.	SHEET NO.
L-5987B	RW06
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

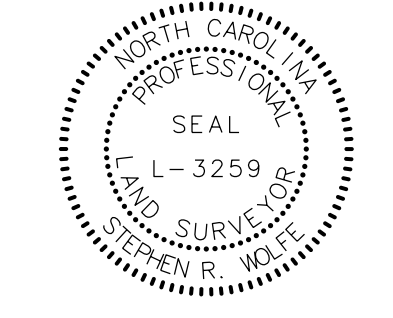
**NOTES:**

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 12JUL2021 TO 23AUG2021 .

Location and Surveys

JoynerKeeny, PLLC  
 1051 N. Winstead Avenue  
 Rocky Mount, NC 27804  
 252-977-3124  
 North Carolina Firm Number P-0551

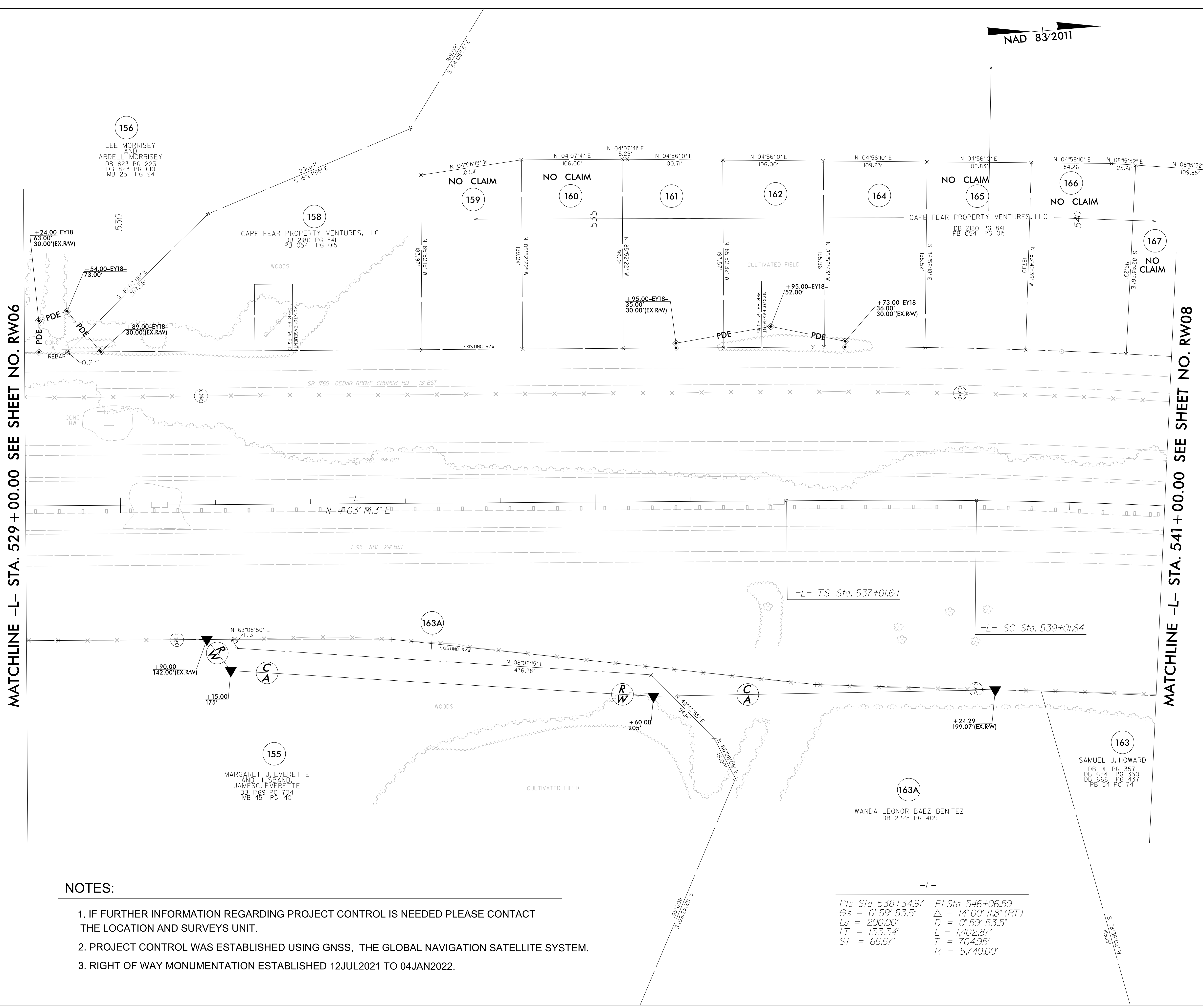
PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 12JUL2021 to 04JAN2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.  
 This 14th day of February, 2022.

Designed by:  
  
 Professional Land Surveyor L-3259



MATCHLINE -L- STA. 529 + 00.00 SEE SHEET NO. RW06

MATCHLINE -L- STA. 541 + 00.00 SEE SHEET NO. RW08

NOTES:

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 12JUL2021 TO 04JAN2022.

-L-  
 $PIs Sta 538+34.97$      $PI Sta 546+06.59$   
 $\theta_s = 0^\circ 59' 53.5''$      $\Delta = 14^\circ 00' 11.8'' (RT)$   
 $Ls = 200.00'$      $D = 0^\circ 59' 53.5''$   
 $LT = 133.34'$      $L = 1,402.87'$   
 $ST = 66.67'$      $T = 704.95'$   
 $R = 5,740.00'$

REVISIONS

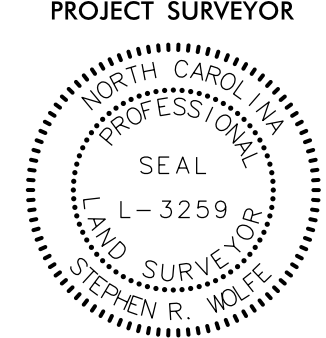
22-FEB-2022, 07:55  
 25-FEB-2022, 15:00  
 25-FEB-2022, 15:00  
 jmatthews

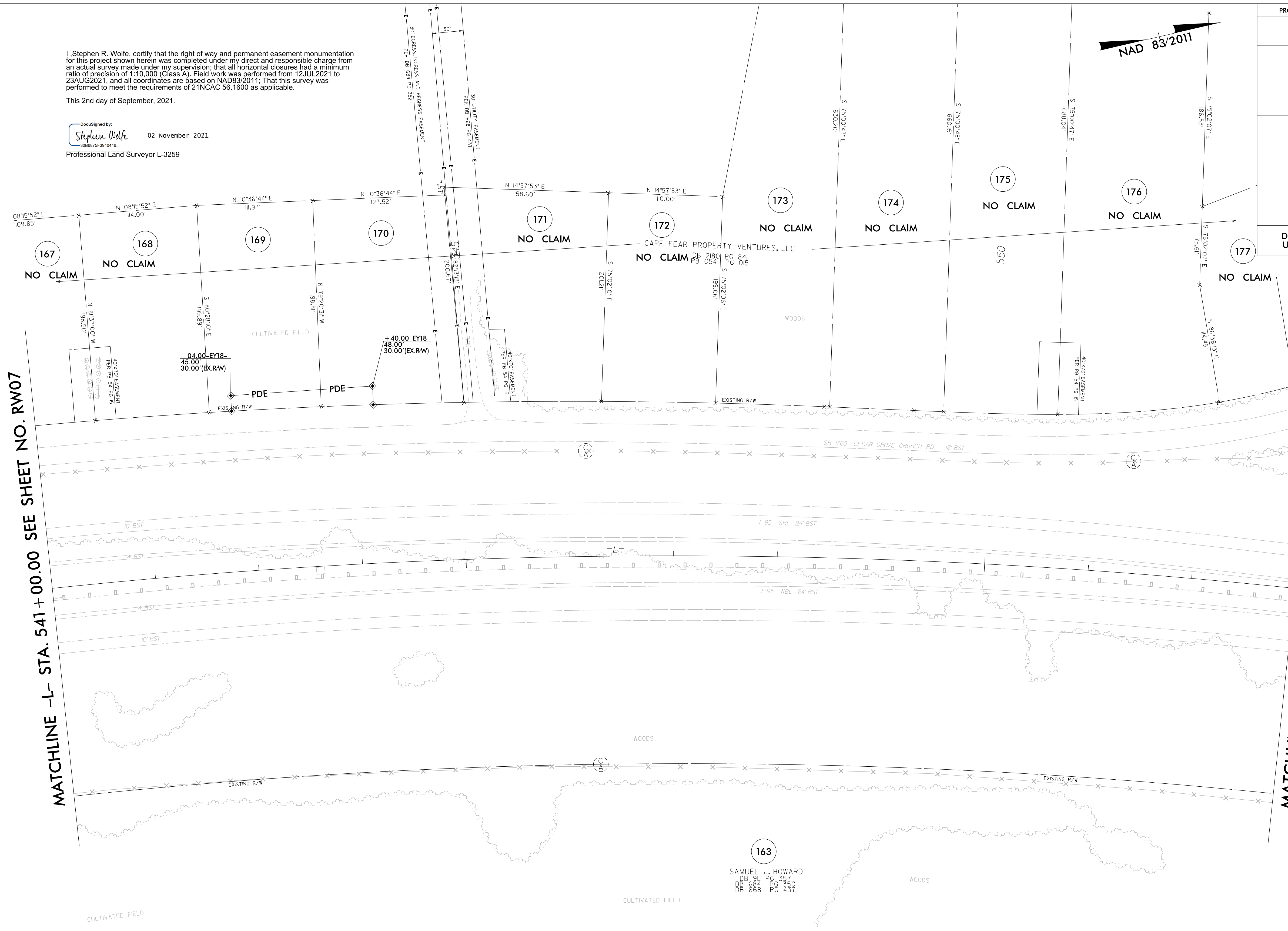
22-FEB-2022, 07:55  
 25-FEB-2022, 15:00  
 25-FEB-2022, 15:00  
 jmatthews



I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 12JUL2021 to 23AUG2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.  
This 2nd day of September, 2021.

DocuSigned by:  
**Stephen Wolfe**  
3086875F3940446E  
02 November 2021  
Professional Land Surveyor L-3259

PROJECT REFERENCE NO. I-5987B	SHEET NO. RW08
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



MATCHLINE -L- STA. 541 + 00.00 SEE SHEET NO. RW07

MATCHLINE -L- STA. 553 + 00.00 SEE SHEET NO. RW09

REVISIONS

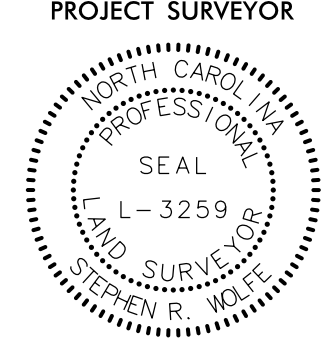
2:\CADD\2021\10\19\0035C\_NCDOT\_I5987B\_RW\_Robeson\SURVEY\DCNN\WORK\RW\_series\_sheets\I5987B\_Ls\_rw08.dgn  
jmatthews AT JKA-042

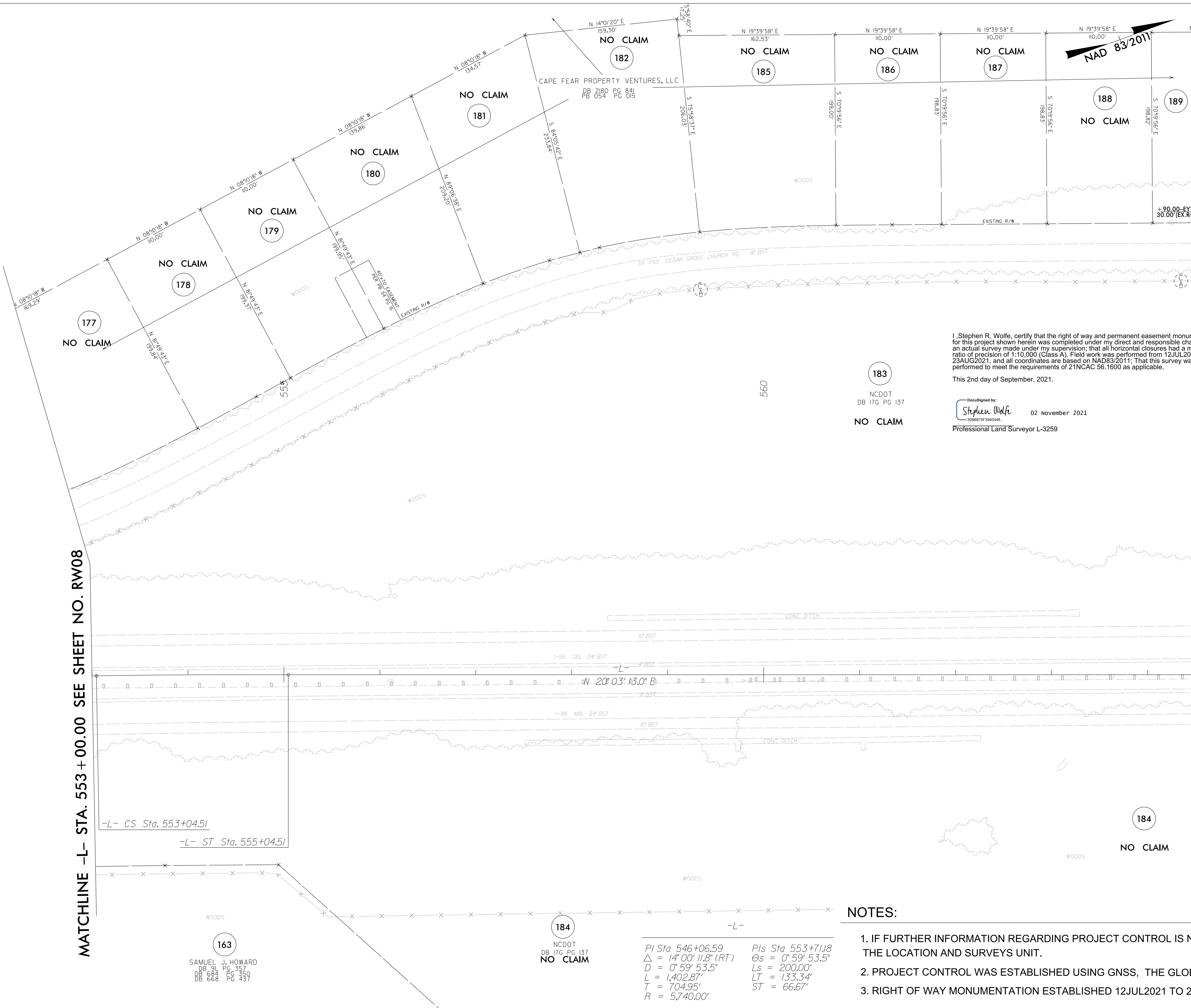
-L-  
PI Sta 546+06.59  
Δ = 14° 00' 11.8" (RT)  
D = 0' 59' 53.5"  
L = 1,402.87'  
T = 704.95'  
R = 5,740.00'

**NOTES:**

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 12JUL2021 TO 23AUG2021 .

6/2/19

PROJECT REFERENCE NO. I-5987B	SHEET NO. RW09
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



REVISIONS

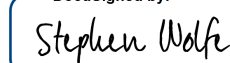
2:\CAD\2019\11\31\00035C\_NCDOT\_I5987B\_RW\_Robeson\SURVEY\DCNN\WORK\RW\_series\_sheets\I5987B\_Ls\_rw09.dgn  
jmatthews AT JKA-042

MATCHLINE -L- STA. 553 + 00.00 SEE SHEET NO. RW08

MATCHLINE -L- STA. 565 + 00.00 SEE SHEET NO. RW10

I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 12JUL2021 to 23AUG2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2021.

DocuSigned by:  
  
 02 November 2021  
 308875F3940440...  
 Professional Land Surveyor L-3259

183  
 NCDOT  
 DB 17G PG 137  
 NO CLAIM

163  
 SAMUEL J. HOWARD  
 DB 9L PG 357  
 DB 668 PG 437

184  
 NCDOT  
 DB 17G PG 137  
 NO CLAIM

PI Sta 546+06.59  
 $\Delta = 14' 00'' 11.8'' (RT)$   
 $D = 0' 59' 53.5''$   
 $L = 1,402.87'$   
 $T = 704.95'$   
 $R = 5,740.00'$

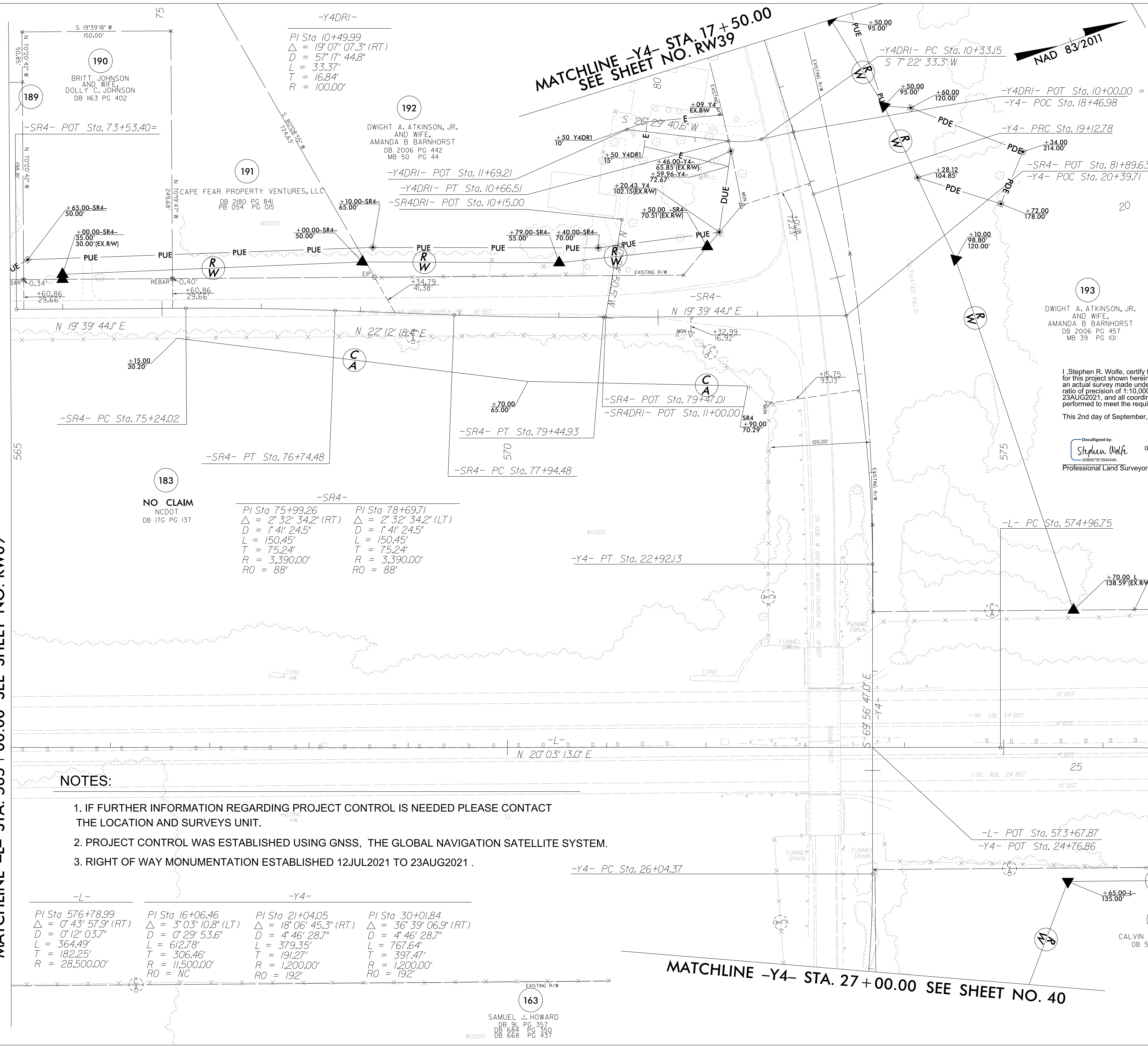
PIs Sta 553+71.18  
 $\Theta_s = 0' 59' 53.5''$   
 $L_s = 200.00'$   
 $LT = 133.34'$   
 $ST = 66.67'$

NOTES:

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 12JUL2021 TO 23AUG2021 .

6/2/19

PROJECT REFERENCE NO. I-5987B	SHEET NO. RW10
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



**-Y4DRI-**  
 PI Sta 10+49.99  
 $\Delta = 19^{\circ} 07' 07.3''$  (RT)  
 $D = 57' 17'' 44.8''$   
 $L = 33.37'$   
 $T = 16.84'$   
 $R = 100.00'$

**-SR4-**  
 PI Sta 75+99.26  
 $\Delta = 2^{\circ} 32' 34.2''$  (RT)  
 $D = 1' 41'' 24.5''$   
 $L = 150.45'$   
 $T = 75.24'$   
 $R = 3,390.00'$   
 $RO = 88'$

<b>-L-</b>	<b>-Y4-</b>
PI Sta 576+78.99	PI Sta 16+06.46
$\Delta = 0^{\circ} 43' 57.9''$ (RT)	$\Delta = 3^{\circ} 03' 10.8''$ (LT)
$D = 0^{\circ} 12' 03.7''$	$D = 0^{\circ} 29' 53.6''$
$L = 364.49'$	$L = 612.78'$
$T = 182.25'$	$T = 306.46'$
$R = 28,500.00'$	$R = 11,500.00'$
	$RO = NC$

**NOTES:**

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 12JUL2021 TO 23AUG2021 .

I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 12JUL2021 to 23AUG2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2021.

DocuSigned by:  
 Stephen Wolfe  
 3068875F3840446...  
 02 November 2021  
 Professional Land Surveyor L-3259

REVISIONS

21-OCT-2021 15:19:00 35C\_NCDOT\_I5987B\_RW\_Robeson\SURVEY\DCN\WORK\RW series sheets\I5987b\_1s\_rw10.dgn  
 jmatthews

163  
 SAMUEL J. HOWARD  
 DB 9L PG 357  
 DB 684 PG 350  
 DB 668 PG 437

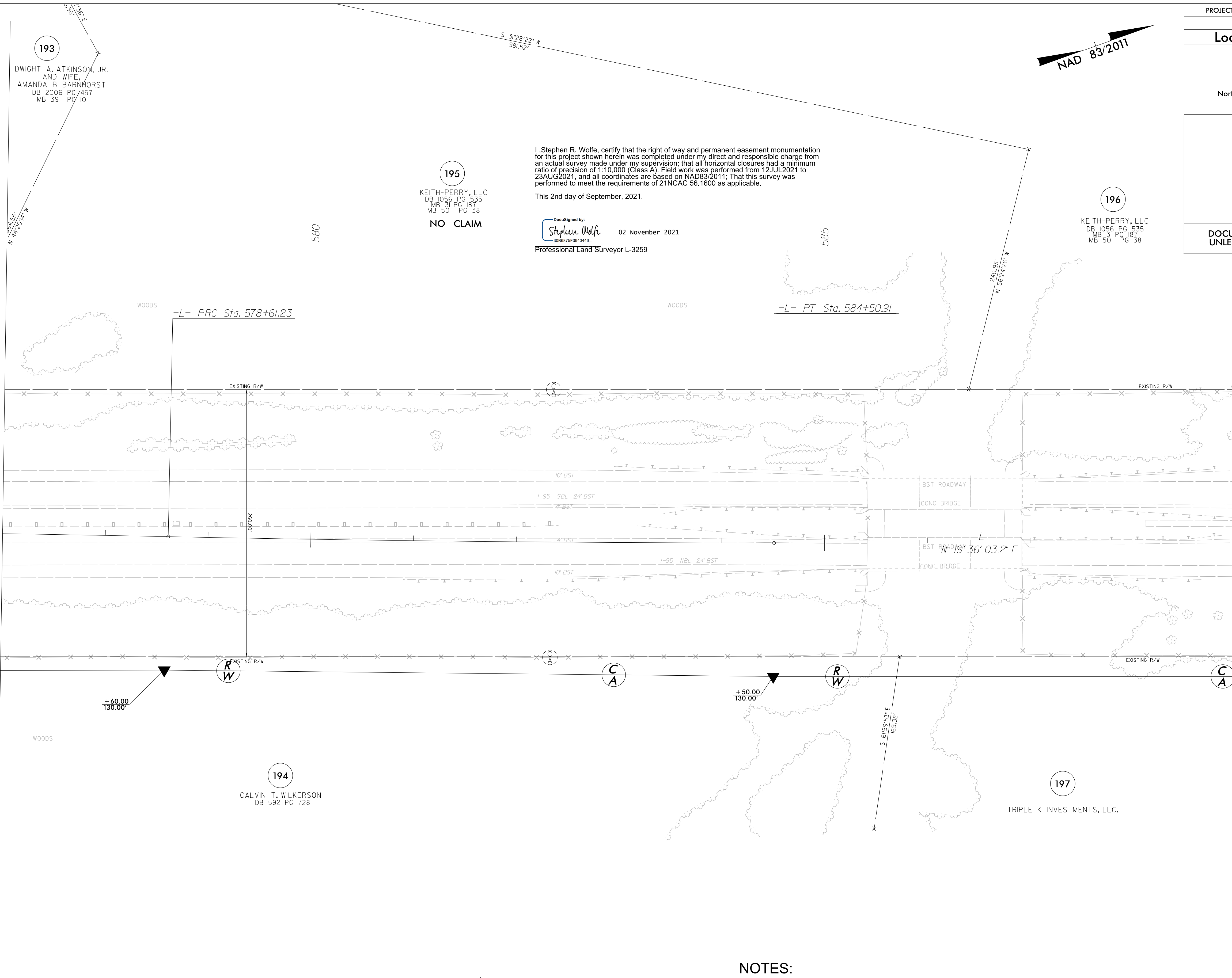
6/2/19

REVISIONS

2:\CADD\2019\190035C\_NCDOT\_15987B\_RW\_Robeson\SURVEY\DCN\WORK\RW\_series\_sheets\15987b\_1s\_rw11.dgn  
jmatthews

MATCHLINE -L- STA. 577 + 00.00 SEE SHEET NO. RW10

MATCHLINE -L- STA. 589 + 00.00 SEE SHEET NO. RW12



193  
 DWIGHT A. ATKINSON, JR.  
 AND WIFE  
 AMANDA B. BARNHORST  
 DB 2006 PG 457  
 MB 39 PG 101

195  
 KEITH-PERRY, LLC  
 DB 1056 PG 535  
 MB 31 PG 187  
 MB 50 PG 38  
**NO CLAIM**

196  
 KEITH-PERRY, LLC  
 DB 1056 PG 535  
 MB 31 PG 187  
 MB 50 PG 38

194  
 CALVIN T. WILKERSON  
 DB 592 PG 728

197  
 TRIPLE K INVESTMENTS, LLC.

I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 12JUL2021 to 23AUG2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.  
 This 2nd day of September, 2021.

DocuSigned by:  
 Stephen Wolfe  
 02 November 2021  
 Professional Land Surveyor L-3259



PROJECT REFERENCE NO.	SHEET NO.
I-5987B	RW11
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-L-

PI Sta 576+78.99	PI Sta 581+56.08
Δ = 0° 43' 57.9" (RT)	Δ = 1° 11' 07.7" (LT)
D = 0° 12' 03.7"	D = 0° 12' 03.7"
L = 364.49'	L = 589.68'
T = 100.00'	T = 200.00'

**NOTES:**

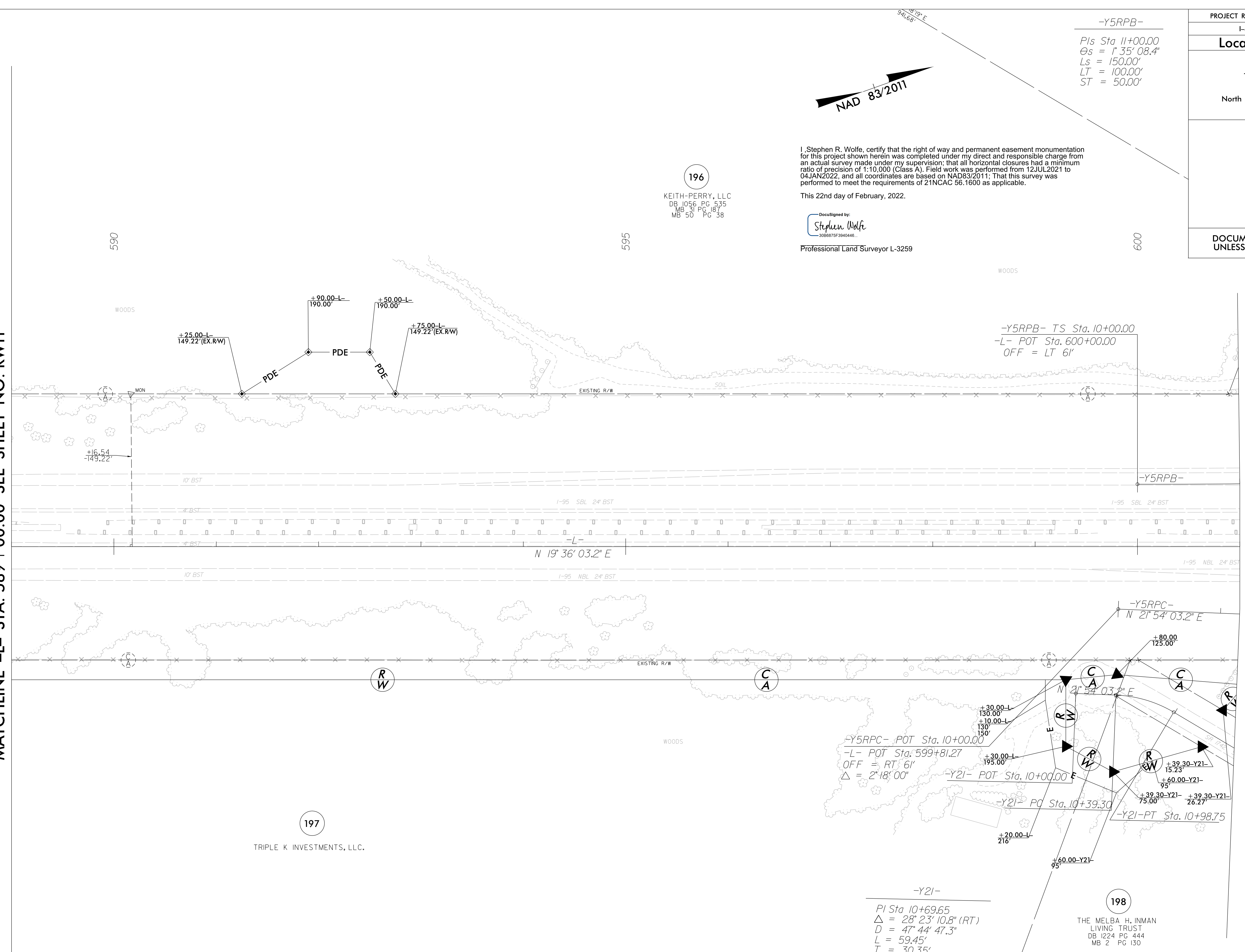
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 12JUL2021 TO 23AUG2021 .

REVISIONS

22-FEB-2022 08:30  
25-FEB-2022 13:00  
25-FEB-2022 13:00  
jmatthews AT jk4-042

MATCHLINE -L- STA. 589 + 00.00 SEE SHEET NO. RW11

MATCHLINE -L- STA. 601 + 00.00 SEE SHEET NO. RW13



I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 12JUL2021 to 04JAN2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 22nd day of February, 2022.

DocuSigned by:  
**Stephen Wolfe**  
3056875F3840446...  
Professional Land Surveyor L-3259

-Y5RPB-  
Pls Sta 11+00.00  
Cs = 1' 35' 08.4"  
Ls = 150.00'  
LT = 100.00'  
ST = 50.00'

-Y5RPB- TS Sta. 10+00.00  
-L- POT Sta. 600+00.00  
OFF = LT 6'

-Y5RPC- POT Sta. 10+00.00  
-L- POT Sta. 599+81.27  
OFF = RT 6'  
Δ = 2' 18' 00"

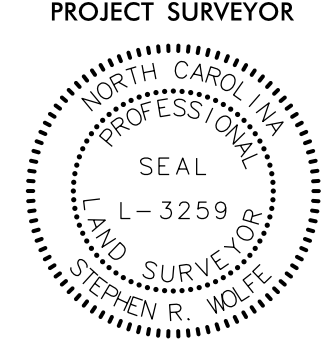
-Y21-  
PI Sta 10+69.65  
Δ = 28' 23' 10.8" (RT)  
D = 47' 44' 47.3"  
L = 59.45'  
T = 30.35'  
R = 120.00'

198  
THE MELBA H. INMAN  
LIVING TRUST  
DB 1224 PG 444  
MB 2 PG 130

PROJECT REFERENCE NO. I-5987B	SHEET NO. RW12
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

NOTES:

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 12JUL2021 TO 04JAN2022.

PROJECT REFERENCE NO.	SHEET NO.
I-5987B	RW13
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

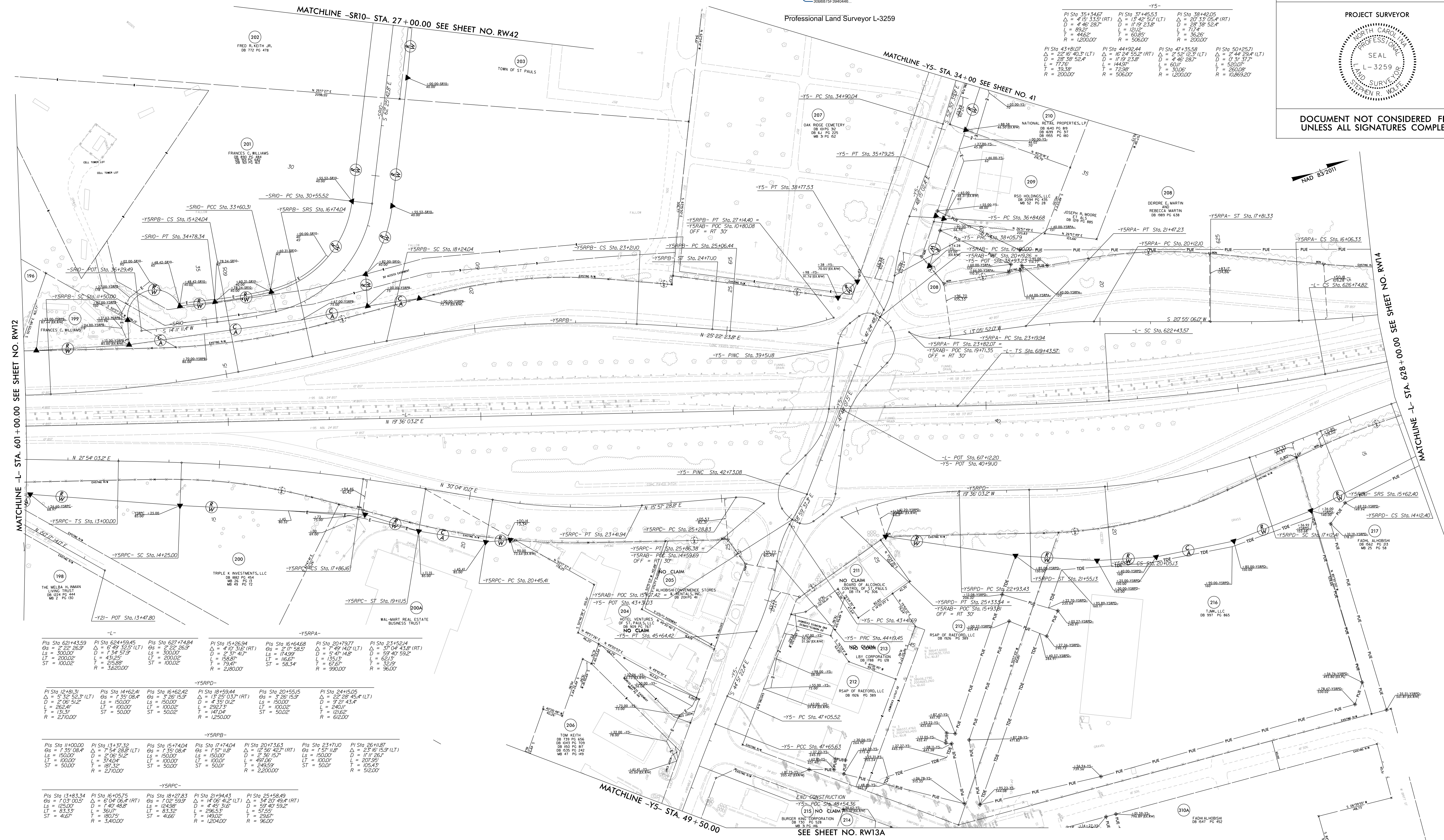
I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 12JUL2021 to 04JAN2022, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 14th day of February, 2022.

DocuSigned by:  
  
 3056875F3640446

Professional Land Surveyor L-3259

-SR10-			
PI Sta 35+30.09 Δ = 69°31'07.9" (RT) D = 22°55'05.9" L = 3047.9 T = 174.57 R = 250.00	PI Sta 34+10.39 Δ = 6°45'46.9" (RT) D = 5°43'46.5" L = 1803.9 T = 50.00 R = 1000.00		
-Y5-			
PI Sta 35+34.67 Δ = 4°19'33.9" (RT) D = 4°46'28.7" L = 89.2 T = 1205.00 R = 1200.00	PI Sta 37+45.53 Δ = 13°42'51.4" (LT) D = 17°19'23.8" L = 181.2 T = 60.58 R = 506.00	PI Sta 38+42.05 Δ = 20°33'05.4" (RT) D = 28°39'52.4" L = 717.4 T = 36.28 R = 200.00	
PI Sta 43+81.07 Δ = 22°16'40.3" (LT) D = 28°39'52.4" L = 773.6 T = 30.06 R = 200.00	PI Sta 44+92.44 Δ = 16°24'53.2" (RT) D = 17°19'23.8" L = 144.97 T = 72.98 R = 506.00	PI Sta 47+35.58 Δ = 2°36'12.3" (LT) D = 4°46'28.7" L = 60.1 T = 30.06 R = 1200.00	PI Sta 50+25.71 Δ = 2°44'29.4" (LT) D = 2°34'37.7" L = 520.07 T = 260.08 R = 10,869.20




-L-		-YSRPA-	
PI Sta 62+43.59 Δ = 2°22'26.9" D = 3000.0 L = 431.25 T = 215.88 R = 3280.00	PI Sta 62+43.59 Δ = 6°49'32.5" (LT) D = 1°34'57.9" L = 1500.0 T = 30.00 R = 1000.0	PI Sta 62+47.84 Δ = 3°28'15.9" D = 1500.0 L = 1500.0 T = 50.00 R = 50.00	PI Sta 15+26.94 Δ = 4°10'31.6" (RT) D = 2°37'41.7" L = 156.87 T = 79.47 R = 280.00
-YSRPA-		-YSRPA-	
PI Sta 15+26.94 Δ = 4°10'31.6" (RT) D = 2°37'41.7" L = 156.87 T = 79.47 R = 280.00	PI Sta 15+26.94 Δ = 7°49'14.0" (LT) D = 5°47'14.8" L = 135.1 T = 67.67 R = 99.00	PI Sta 20+79.77 Δ = 3°04'43.8" (RT) D = 59'40'59.2" L = 62.13 T = 32.9 R = 96.00	PI Sta 23+52.4 Δ = 22°38'45.4" (LT) D = 23°16'15.9" (RT) L = 240.1 T = 105.43 R = 612.00
-YSRPA-		-YSRPA-	
PI Sta 12+81.31 Δ = 5°32'52.1" (LT) D = 2°06'51.2" L = 262.4 T = 131.3 R = 270.00	PI Sta 14+62.41 Δ = 1°39'08.4" L = 1500.0 T = 1000.0 R = 3000.0	PI Sta 16+22.42 Δ = 3°28'15.9" D = 4°38'01.2" L = 2427.3 T = 147.04 R = 1250.00	PI Sta 20+55.15 Δ = 3°28'15.9" D = 1500.0 L = 1500.0 T = 50.00 R = 50.00
-YSRPA-		-YSRPA-	
PI Sta 11+00.00 Δ = 1°35'08.4" L = 1500.0 T = 1000.0 R = 50.00	PI Sta 13+37.32 Δ = 5°04'08.4" (LT) D = 2°06'51.2" L = 314.04 T = 97.32 R = 270.00	PI Sta 15+74.04 Δ = 1°39'08.4" L = 1500.0 T = 1000.0 R = 50.00	PI Sta 17+41.04 Δ = 1°39'08.4" L = 1500.0 T = 1000.0 R = 50.00
-YSRPA-		-YSRPA-	
PI Sta 13+83.34 Δ = 1°35'08.4" L = 83.33 T = 41.67 R = 340.00	PI Sta 16+05.75 Δ = 5°04'08.4" (LT) D = 1°40'48.8" L = 361.0 T = 180.75 R = 340.00	PI Sta 18+27.83 Δ = 1°39'08.4" L = 124.98 T = 81.33 R = 41.66	PI Sta 21+94.43 Δ = 4°49'31.6" D = 59'40'59.2" L = 57.55 T = 29.67 R = 120.00
-YSRPA-		-YSRPA-	
PI Sta 15+26.94 Δ = 4°10'31.6" (RT) D = 2°37'41.7" L = 156.87 T = 79.47 R = 280.00	PI Sta 15+26.94 Δ = 14°39'41.2" (LT) D = 4°49'31.6" L = 296.53 T = 149.04 R = 120.00	PI Sta 20+79.77 Δ = 3°04'43.8" (RT) D = 59'40'59.2" L = 62.13 T = 32.9 R = 96.00	PI Sta 23+52.4 Δ = 23°16'15.9" (RT) D = 17°11'26.2" L = 1000.0 T = 207.95 R = 105.43

**NOTES:**

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 12JUL2021 TO 04JAN2022.

REVISIONS

25-FEB-2023 10:30:35 I:\300350\350\WORK\RW\RW SERIES SHEETS 220214\15987B\1.s-rw13.dgn  
 AT J.K.A.-642

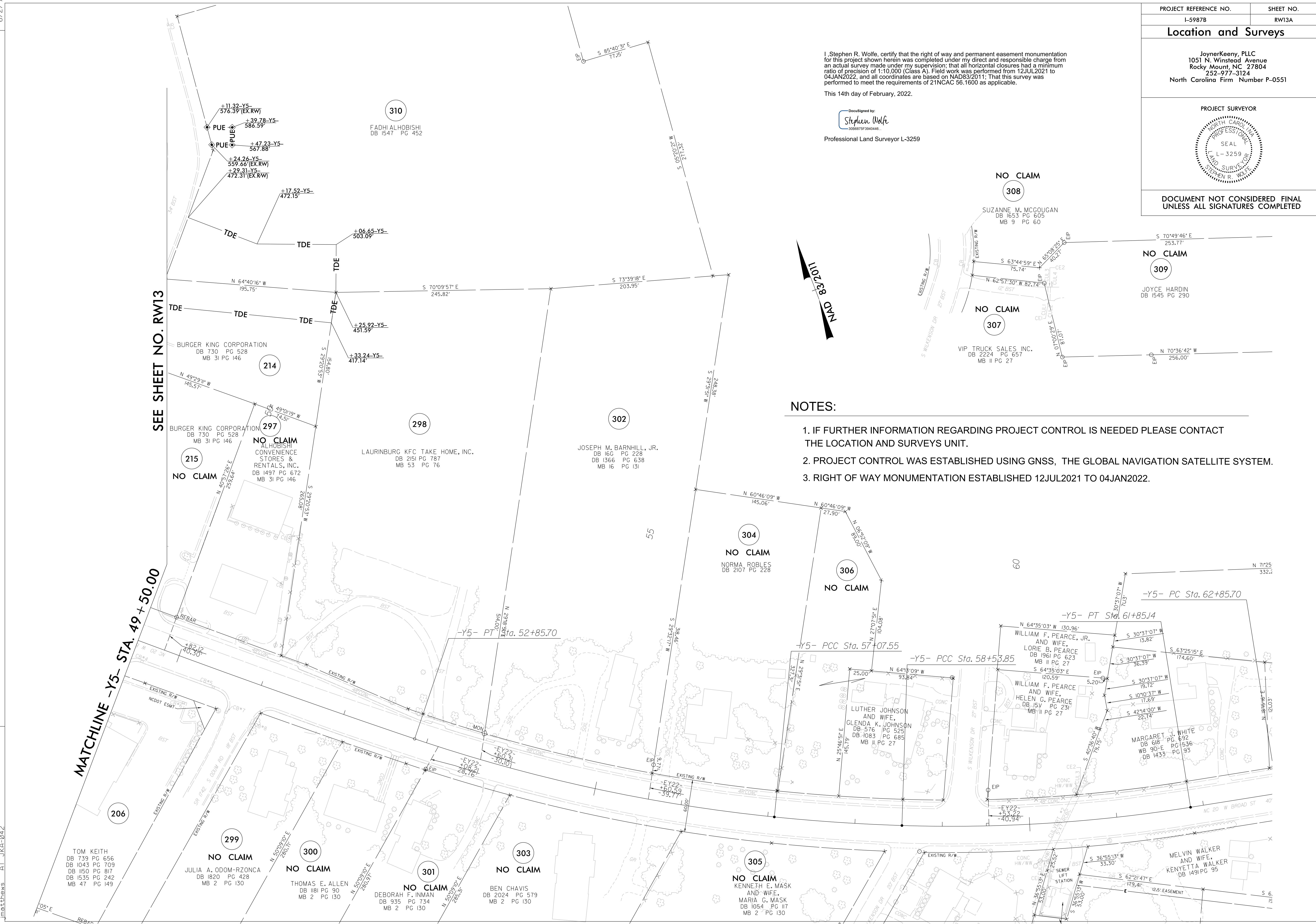
PROJECT REFERENCE NO.	SHEET NO.
I-5987B	RW13A
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 12JUL2021 to 04JAN2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 14th day of February, 2022.

DocuSigned by:  
*Stephen Wolfe*  
3088875F3840446

Professional Land Surveyor L-3259



**NOTES:**

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 12JUL2021 TO 04JAN2022.

SEE SHEET NO. RW13

MATCHLINE -Y5- STA. 49 + 50.00

REVISIONS

25-FEB-2022 15:28 2022-02-25 15:28 350 NCDOT\_I5987B\_RW\_SURVEY.DGN WORK\RM\RM SERIES SHEETS 220214\I5987B\_1.s-rw13A.dgn  
25-FEB-2022 15:28 2022-02-25 15:28 350 NCDOT\_I5987B\_RW\_SURVEY.DGN WORK\RM\RM SERIES SHEETS 220214\I5987B\_1.s-rw13A.dgn  
matthews AT JKA-042