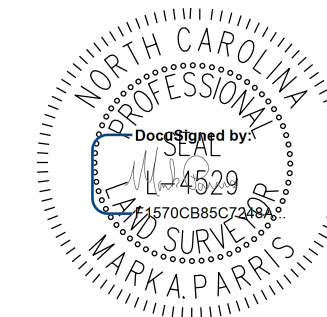


### Location and Surveys



PROJECT SURVEYOR

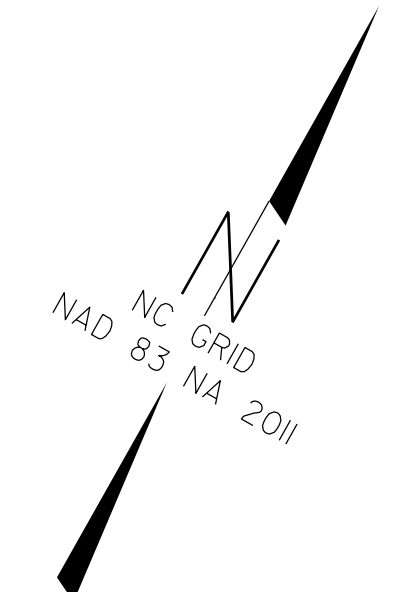


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Mark A. Parris, 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 7/26/21 to 8/27/21, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

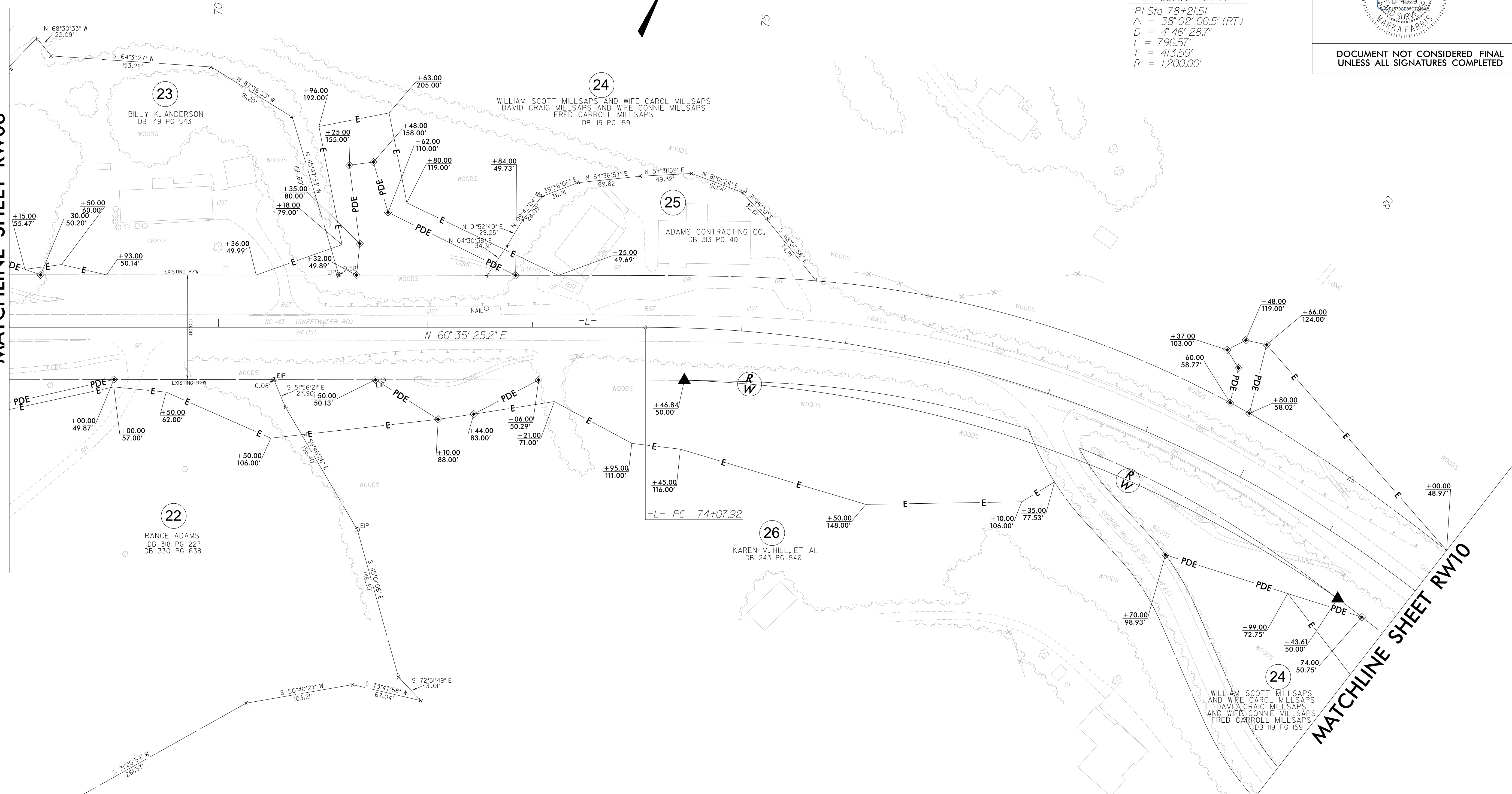
This 1st day of Sept., 2021.  
 Mark A. Parris  
 Professional Land Surveyor L-4529

-L- CURVE DATA  
 PI Sta 78+21.51  
 $\Delta = 38^{\circ} 02' 00.5''$  (RT)  
 $D = 4^{\circ} 46' 28.7''$   
 $L = 796.57'$   
 $T = 413.59'$   
 $R = 1,200.00'$



MATCHLINE SHEET RW08

MATCHLINE SHEET RW10



REVISIONS

7 MAY 2022 10:44  
 I:\NC\5505\112-21-A-0009CA ROW Staking\Survey\RW and Control Sheets\A-0009CA\0009CA-1s-RW09.dgn  
 P40V-2\H1-36  
 Jsgordon

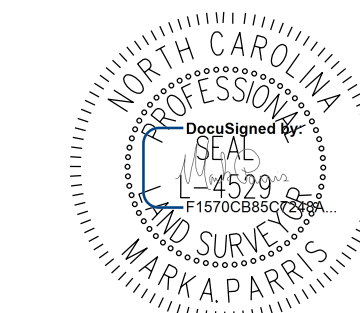
#### NOTES:

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 7/26/21 TO 8/27/21.

Location and Surveys



PROJECT SURVEYOR



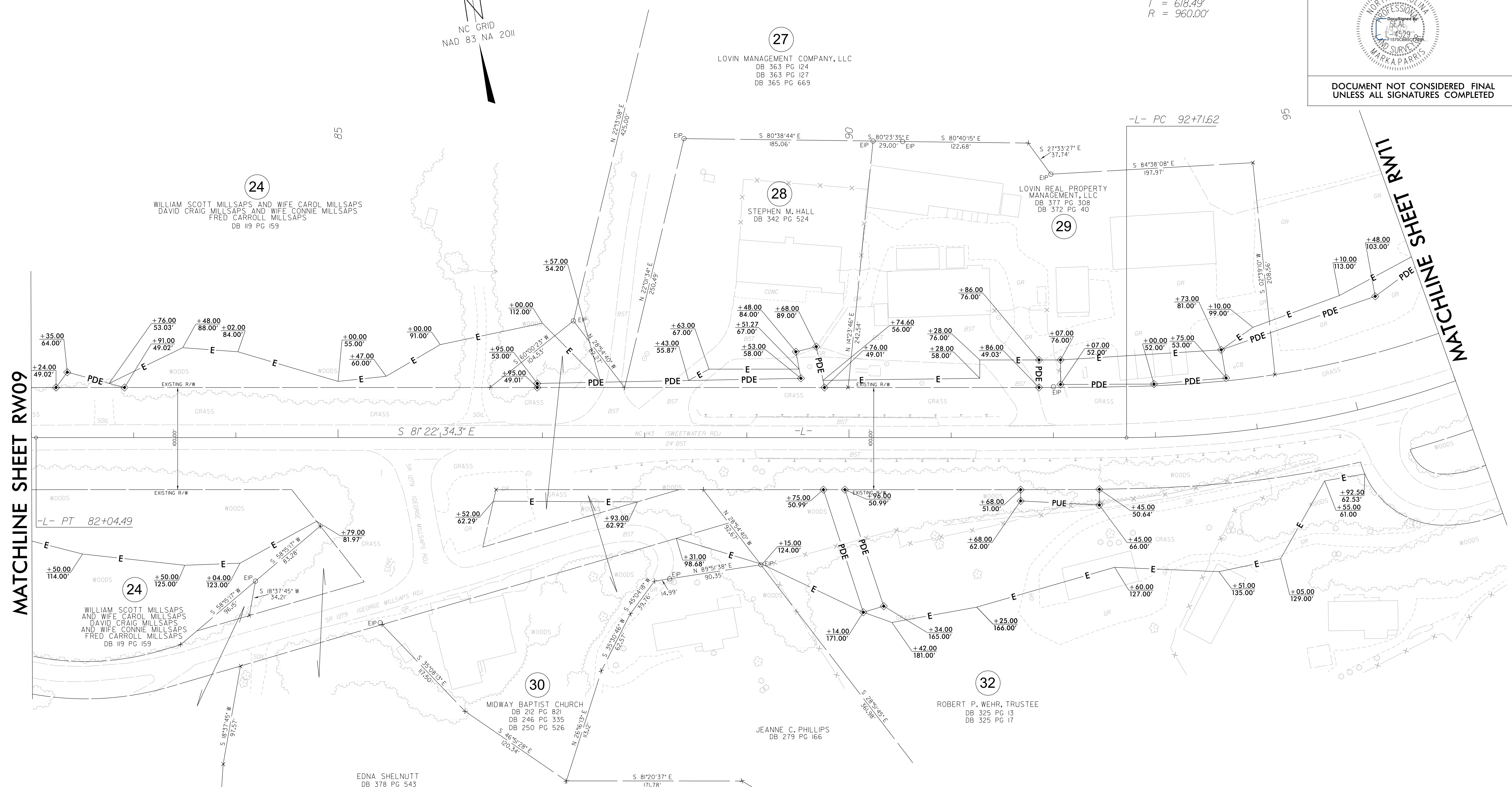
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Mark A. Parris, 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 7/26/21 to 8/27/21, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This is a true and correct copy of the original survey.

Professional Land Surveyor L-4529

-L- CURVE DATA  
 PI Sta 98+90.11  
 $\Delta = 65^{\circ} 35' 01.6" (LT)$   
 $D = 5^{\circ} 58' 05.9"$   
 $L = 1,098.87'$   
 $T = 618.49'$   
 $R = 960.00'$



MATCHLINE SHEET RW09


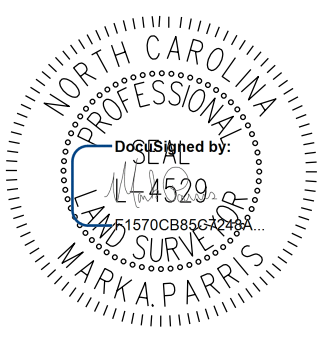
MATCHLINE SHEET RW11

REVISIONS

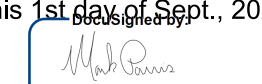
31 MAY 2022 11:10 AM  
 I:\Projects\2022\112-21-A-0009CA ROW Staking\Survey\RW and Control Sheets\A-0009CA\0009CA-1s-RW10.dgn  
 Jlgordon

NOTES:

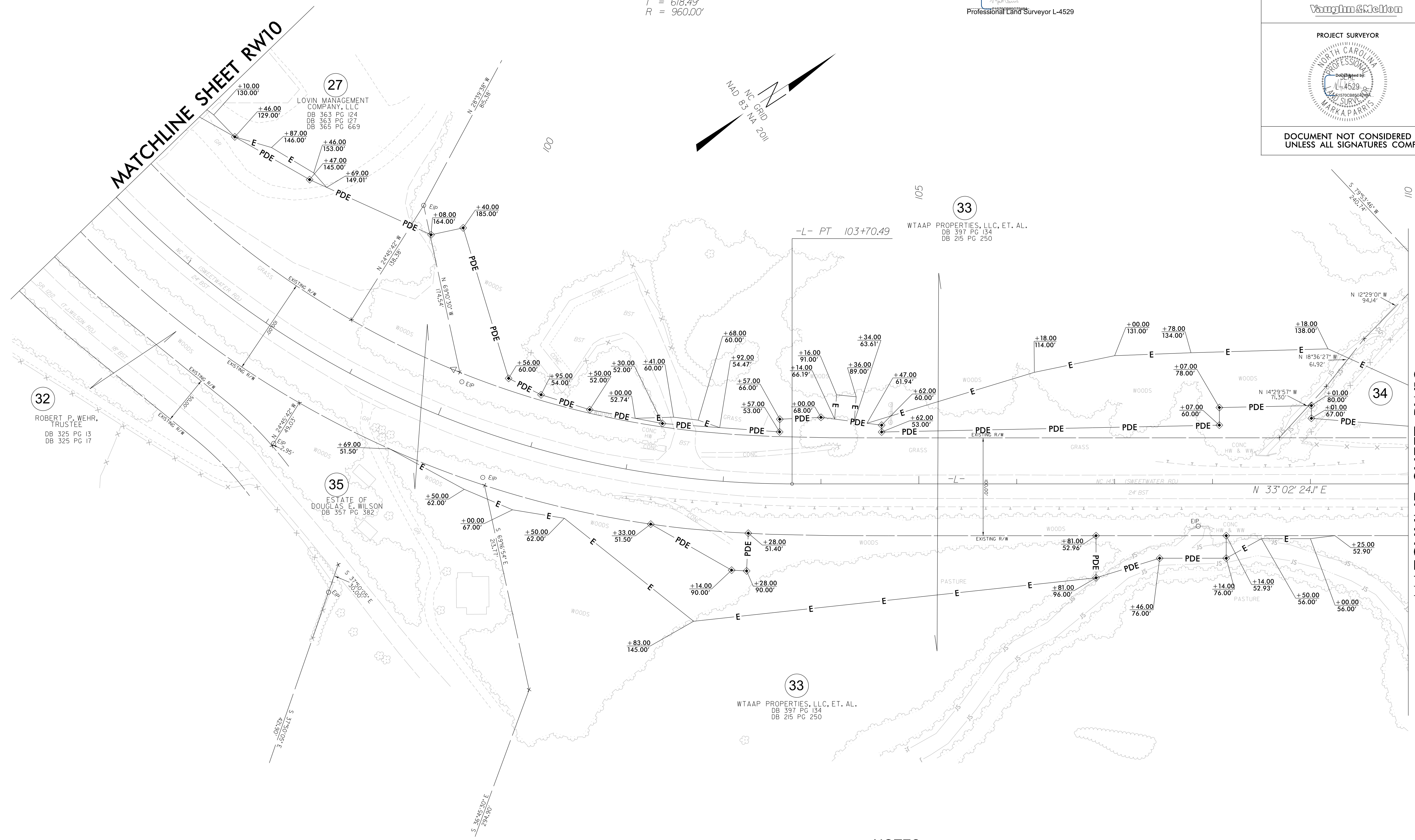
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 7/26/21 TO 8/27/21.

PROJECT REFERENCE NO.	SHEET NO.
A-0009CA	RW11
<b>Location and Surveys</b>	
	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

**-L- CURVE DATA**  
 PI Sta 98+90.11  
 $\Delta = 65^{\circ} 35' 01.6" (LT)$   
 $D = 5^{\circ} 58' 05.9"$   
 $L = 1,098.87'$   
 $T = 618.49'$   
 $R = 960.00'$

I, Mark A. Parris, 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 7/26/21 to 8/27/21, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.  
 This 1st day of Sept., 2021.  
  
 Professional Land Surveyor L-4529

REVISIONS

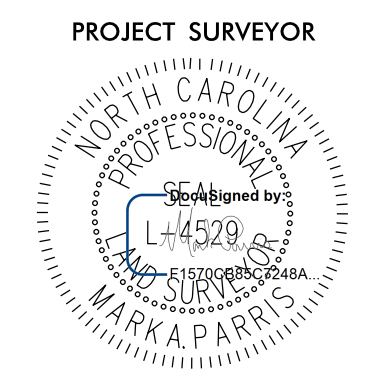


**NOTES:**

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 7/26/21 TO 8/27/21.

7 MAY 2022 10:45  
 I:\NC\502\112-21-A-0009CA ROW Staking\Survey\RW and Control Sheets\A-0009CA\0009CA-1s-RW11.dgn  
 Jlgordon

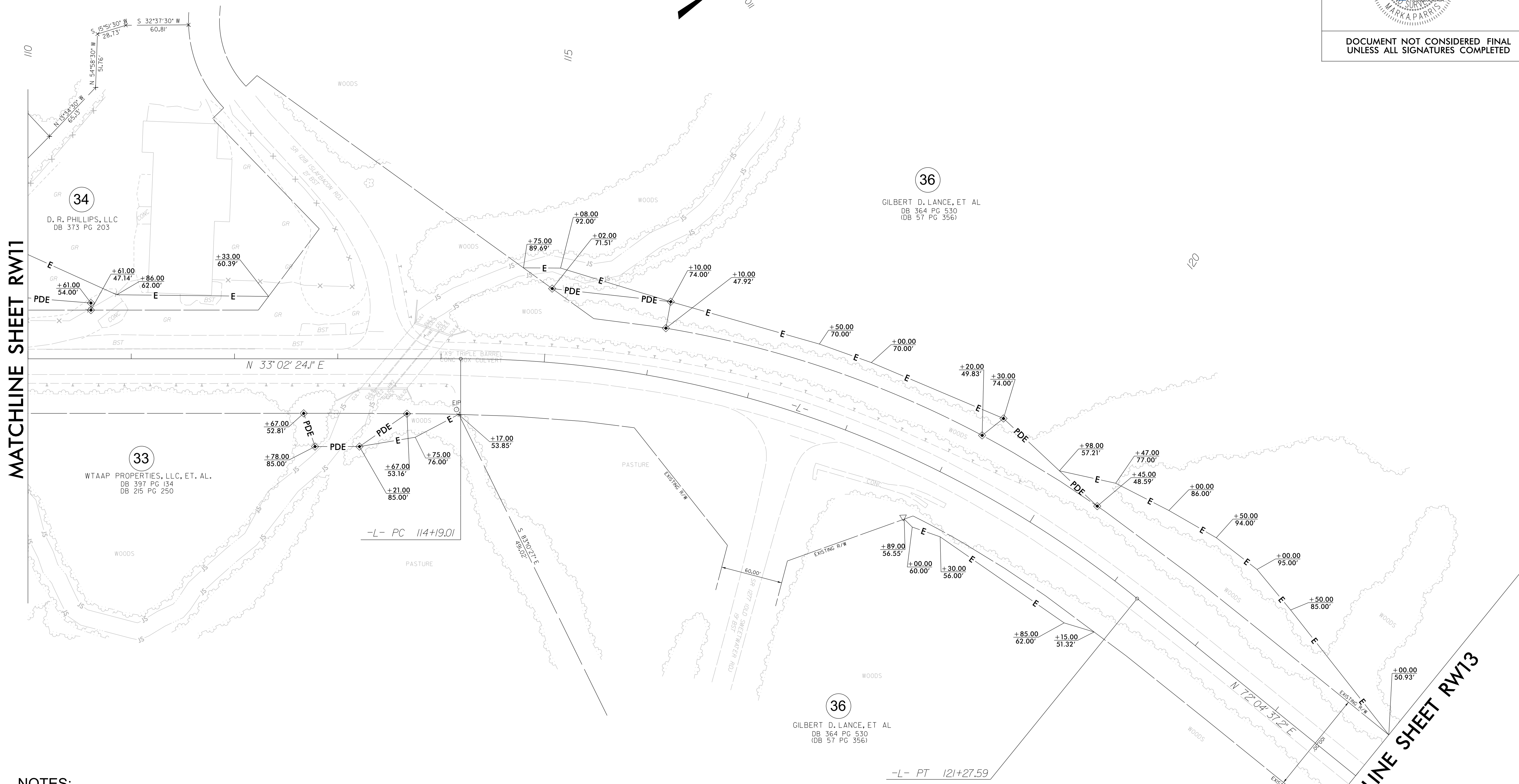
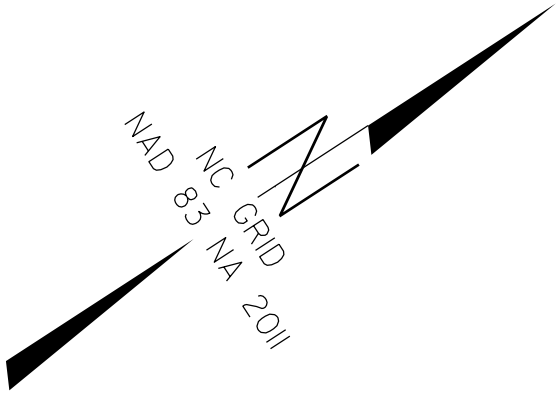
Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Mark A. Parris, 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 7/26/21 to 8/27/21, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This is a true and correct copy of the original survey as of Sept., 2021.  
 Professional Land Surveyor L-4529



- 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 7/26/21 TO 8/27/21.

REVISIONS

MATCHLINE SHEET RW11

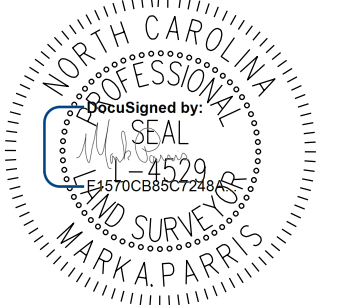
MATCHLINE SHEET RW13

7 MAY 2022 10:45  
 W:\NC\1502\112-21-A-0009CA ROW Staking\Survey\RW and Control Sheets\A-0009CA\0009CA-1s-RW12.dgn  
 J. Gordon

### Location and Surveys



PROJECT SURVEYOR

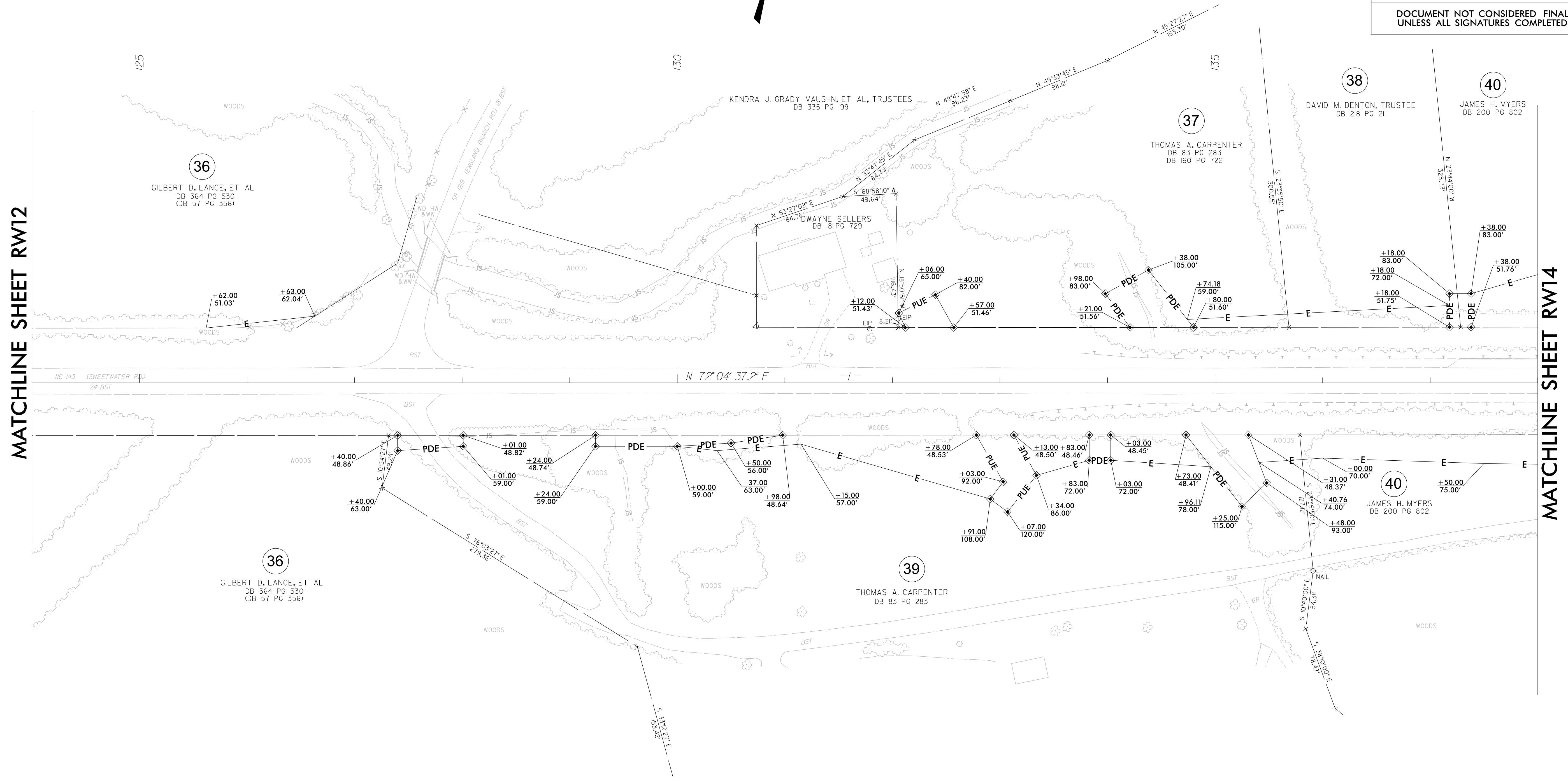


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Mark A. Parris, 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 7/26/21 to 8/27/21, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of Sept., 2021.

Mark A. Parris  
Professional Land Surveyor L-4529



MATCHLINE SHEET RW12

MATCHLINE SHEET RW14

REVISIONS

7 MAY 2022 10:45  
 I:\NC\552\112-21-A-0009CA ROW Staking\Survey\RW and Control Sheets\A-0009CA\0009CA-1s-RW13.dgn  
 jsgordon

### 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 7/26/21 TO 8/27/21.

Location and Surveys



PROJECT SURVEYOR



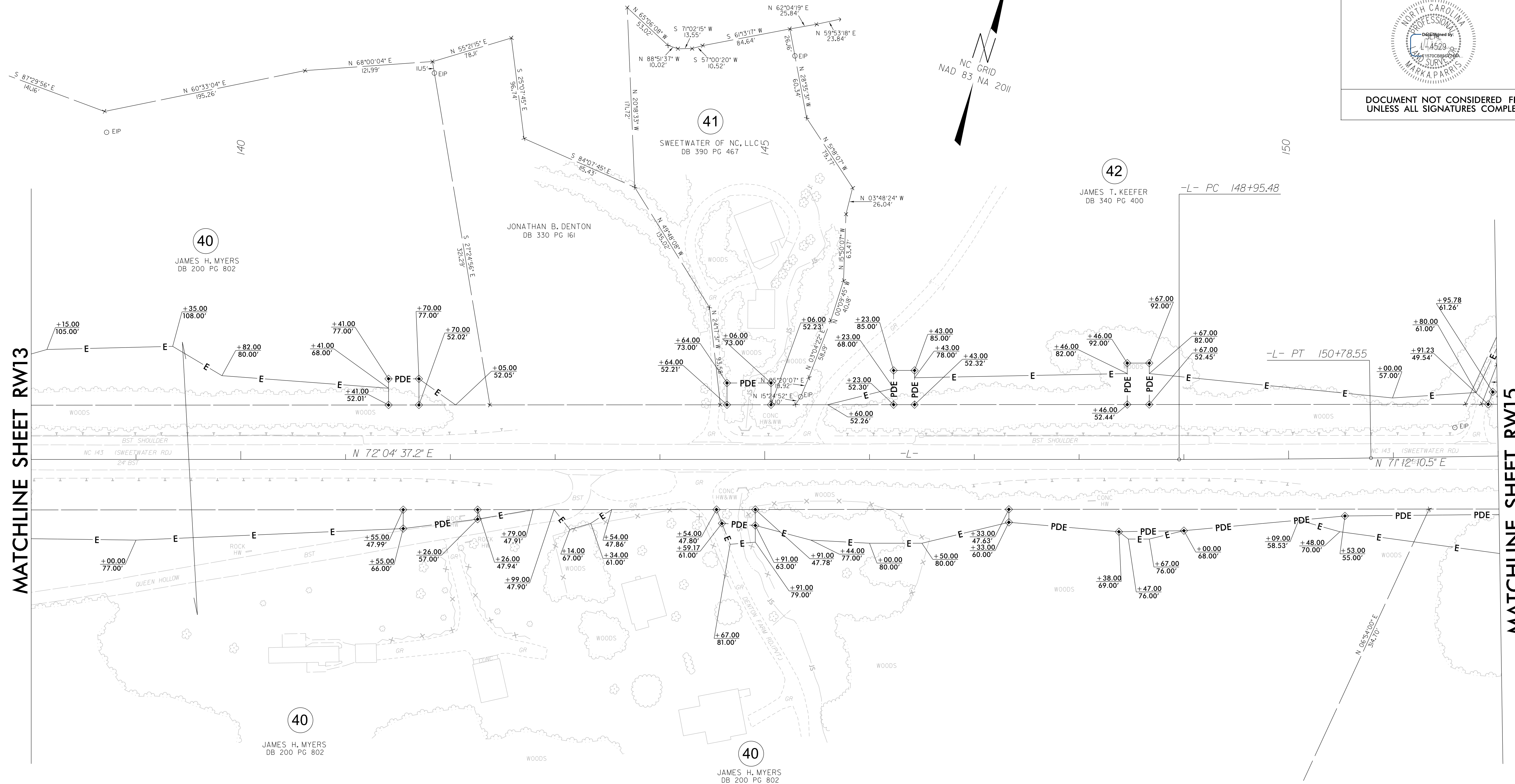
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Mark A. Paris, 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 7/26/21 to 8/27/21, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of Sept., 2021.

*[Signature]*  
Professional Land Surveyor L-4529

-L- CURVE DATA  
 PI Sta 149+87.02  
 $\Delta = 0^\circ 52' 26.7''$  (LT)  
 $D = 0^\circ 28' 38.9''$   
 $L = 183.07'$   
 $T = 91.54'$   
 $R = 12,000.00'$



REVISIONS

MATCHLINE SHEET RW13

MATCHLINE SHEET RW15

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 7/26/21 TO 8/27/21.

7 MAY 2022 10:45  
 I:\NC\552\112-21\A-0009CA ROW Staking\Survey\RW and Control Sheets\A-0009CA\0009CA-1s-RW14.dgn  
 Jsgordon  
 11/1/21

I, Mark A. Parris, 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 7/26/21 to 8/27/21, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of Sept., 2021.

Professional Land Surveyor L-4529

-L- CURVE DATA

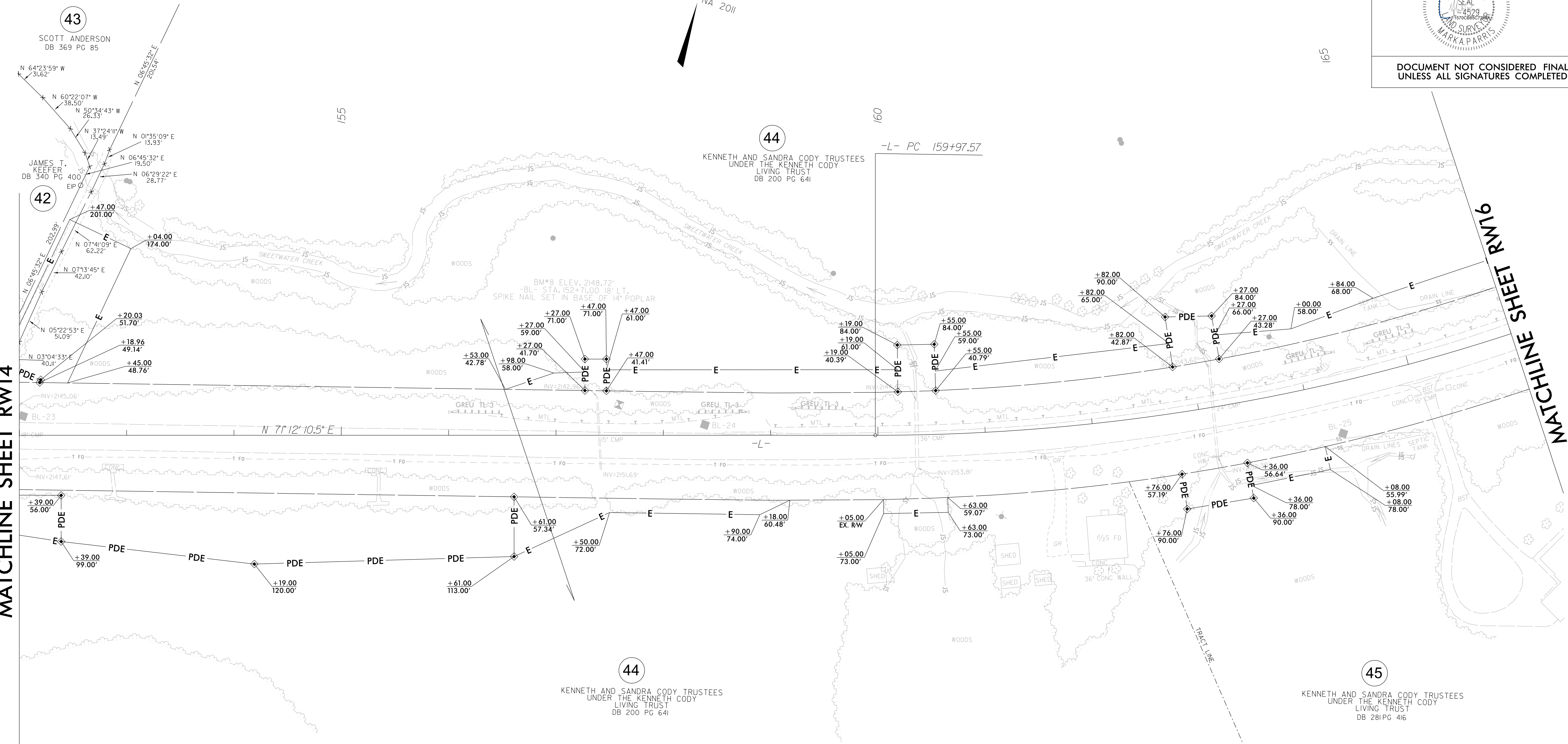
PI Sta 166+10.36  
Δ = 35° 44' 58.6" (LT)  
D = 3' 00" 56.0"  
L = 1,185.50'  
T = 612.76'  
R = 1,900.00'

PROJECT REFERENCE NO.	SHEET NO.
A-0009CA	RW15
<b>Location and Surveys</b>	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS

MATCHLINE SHEET RW14

MATCHLINE SHEET RW16



7 MAY 2022 11:08 AM  
C:\NC\557\Projects\2112-21\_A-0009CA\_ROW\_Staking\Survey\RW\_and\_Control\_Sheets\A-0009CA\0009CA-1s\_RW15.dgn  
jcgarlon

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 7/26/21 TO 8/27/21.

PROJECT REFERENCE NO.	SHEET NO.
A-0009CA	RW16
<b>Location and Surveys</b>	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

**-L- CURVE DATA**  
 PI Sta 166+10.36  
 $\Delta = 35^{\circ} 44' 58.6" (LT)$   
 $D = 3^{\circ} 00' 56.0"$   
 $L = 1,85.50'$   
 $T = 612.76'$   
 $R = 1,900.00'$

**-DRIA- CURVE DATA**  
 PI Sta 11+63.67  
 $\Delta = 87^{\circ} 17' 14.8" (LT)$   
 $D = 114^{\circ} 35' 29.6"$   
 $L = 76.17'$   
 $T = 47.69'$   
 $R = 50.00'$

① -DRIA- PC 11+15.98  
 ② -DRIA- PT 11+92.15  
 ③ S 43° 53' 58.3" E

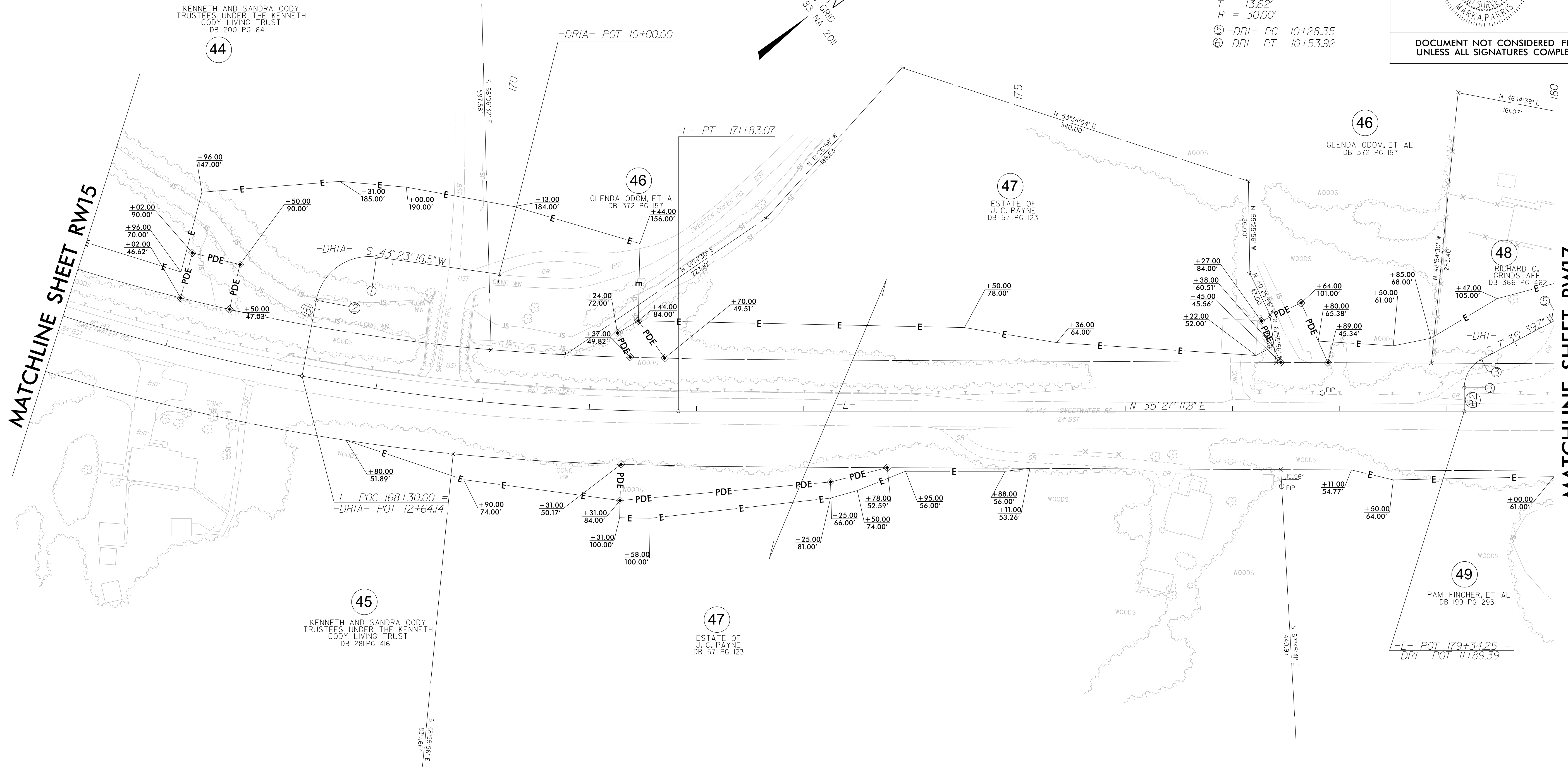
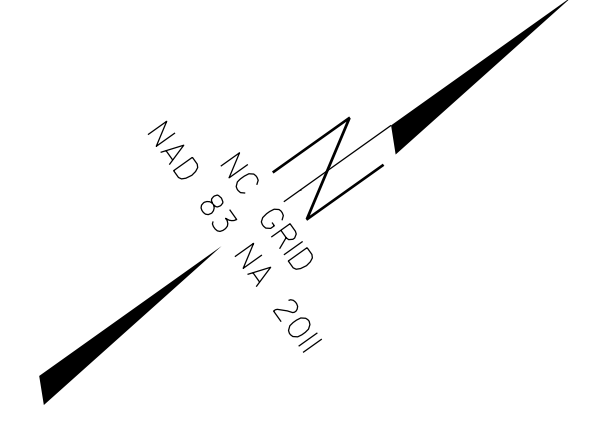
I, Mark A. Parris, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision, that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 7/26/21 to 8/27/21, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of Sept., 2021.  
 [Signature]  
 Professional Land Surveyor L-4529

**-DRI- CURVE DATA**  
 PI Sta 10+41.97  
 $\Delta = 48^{\circ} 49' 47.4" (RT)$   
 $D = 190^{\circ} 59' 09.4"$   
 $L = 25.57'$   
 $T = 13.62'$   
 $R = 30.00'$

④ -DRI- PC 10+28.35  
 ⑤ -DRI- PT 10+53.92

② S 54° 32' 48.2" E



REVISIONS

MATCHLINE SHEET RW15


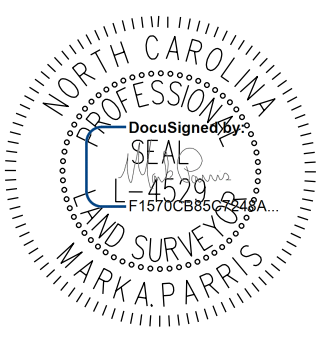
MATCHLINE SHEET RW17

**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 7/26/21 TO 8/27/21.

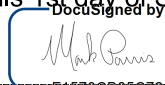
7 MAY 2022 11:04 AM  
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 jsgordon  
 11/21/21

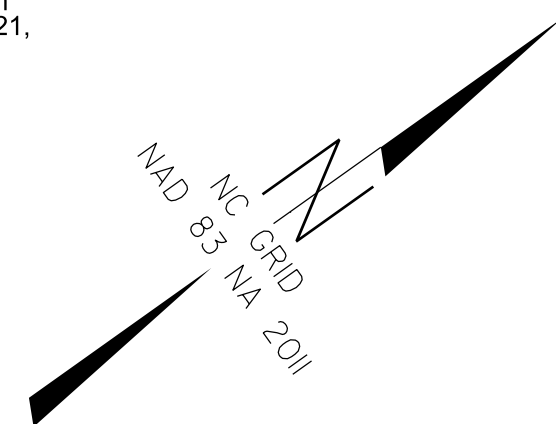


PROJECT REFERENCE NO.	SHEET NO.
A-0009CA	RW17
<b>Location and Surveys</b>	
	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Mark A. Parris, 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 7/26/21 to 8/27/21, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of Sept., 2021.

  
Professional Land Surveyor L-4529

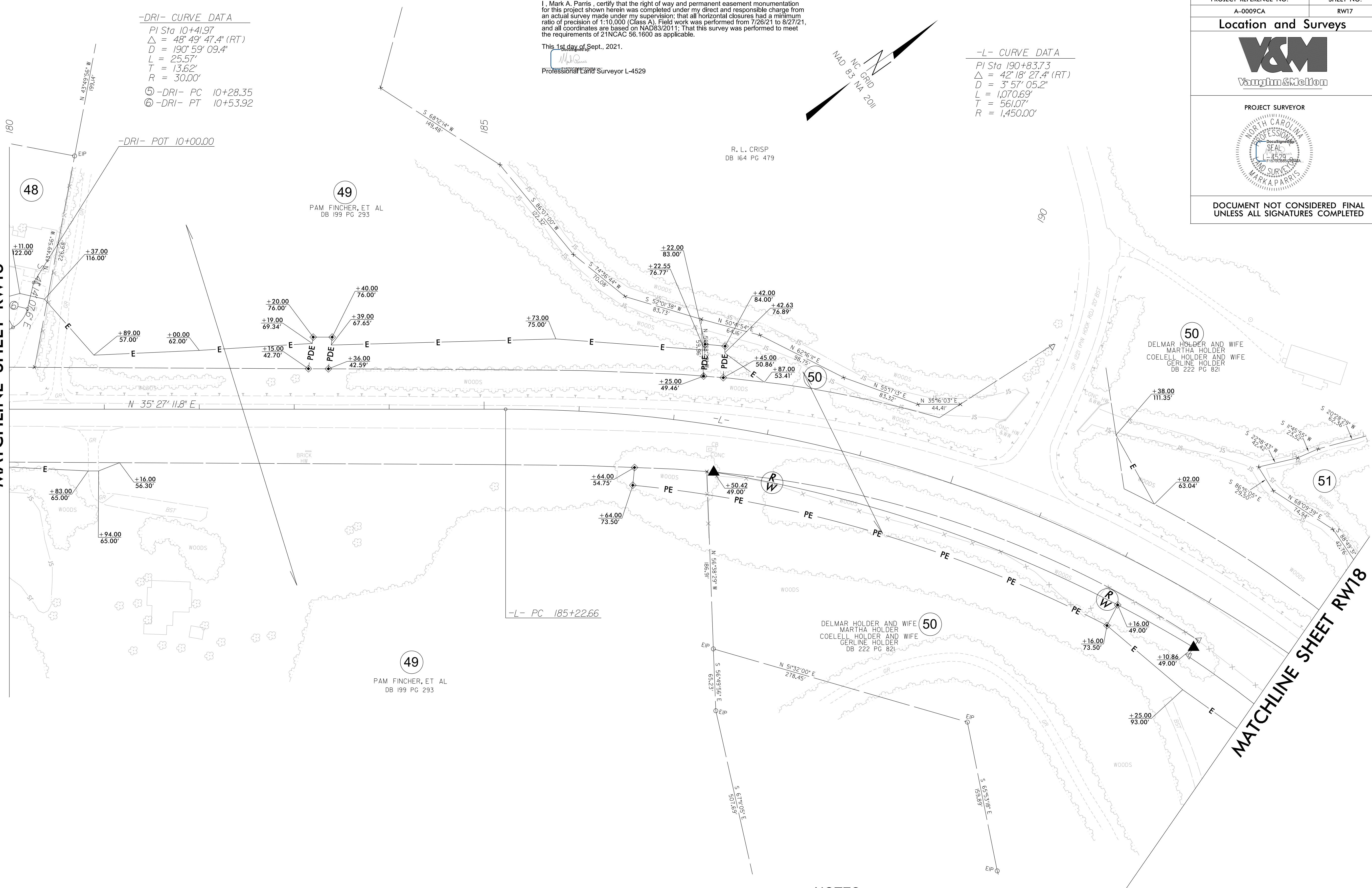


**-L- CURVE DATA**  
 PI Sta 190+83.73  
 $\Delta = 42^\circ 18' 27.4" (RT)$   
 $D = 3^\circ 57' 05.2"$   
 $L = 1,070.69'$   
 $T = 561.07'$   
 $R = 1,450.00'$

**-DRI- CURVE DATA**  
 PI Sta 10+41.97  
 $\Delta = 48^\circ 49' 47.4" (RT)$   
 $D = 190^\circ 59' 09.4"$   
 $L = 25.57'$   
 $T = 13.62'$   
 $R = 30.00'$   
 (5) -DRI- PC 10+28.35  
 (6) -DRI- PT 10+53.92

MATCHLINE SHEET RW16

MATCHLINE SHEET RW18



REVISIONS

7 MAY 2022 10:45  
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 Jsgordon

**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 7/26/21 TO 8/27/21.

REVISIONS

MATCHLINE SHEET RW17

END SECTION A-0009CA

-L- CURVE DATA  
 PI Sta 190+83.73  
 $\Delta = 42^{\circ} 18' 27.4''$  (RT)  
 $D = 3^{\circ} 57' 05.2''$   
 $L = 1,070.69'$   
 $T = 561.07'$   
 $R = 1,450.00'$



I, Mark A. Parris, 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 7/26/21 to 8/27/21, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of Sept., 2021.  
  
 Professional Land Surveyor L-4529

PROJECT REFERENCE NO. A-0009CA	SHEET NO. RW18
<b>Location and Surveys</b>	
 <b>Vaughn &amp; Melton</b>	
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 7/26/21 TO 8/27/21.

I, Mark A. Parris, 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 7/20/21 to 8/27/21, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of Sept., 2021.

Professional Land Surveyor L-4529

-Y1A- CURVE DATA

PI Sta 12+48.39  
Δ = 27° 40' 40.3" (LT)  
D = 10° 31' 56.3"  
L = 262.79'  
T = 134.01'  
R = 544.00'

③ -Y1A- PC 11+14.38

-Y1B- CURVE DATA

PI Sta 10+93.09  
Δ = 07° 33' 52.0" (RT)  
D = 7° 09' 43.1"  
L = 105.62'  
T = 52.89'  
R = 800.00'

-Y1C- CURVE DATA

PI Sta 13+65.73  
Δ = 40° 16' 26.4" (LT)  
D = 57° 17' 44.8"  
L = 70.29'  
T = 36.67'  
R = 100.00'

① -Y1B- PC 13+29.06  
② -Y1B- PT 13+99.35

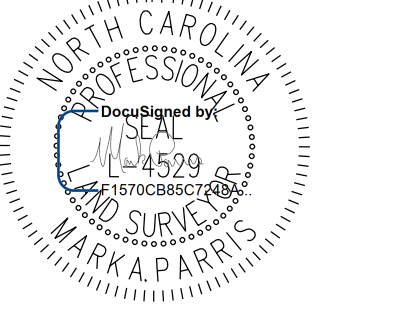
-Y1- CURVE DATA

PI Sta 24+35.36  
Δ = 38° 00' 53.8" (RT)  
D = 3° 10' 59.2"  
L = 1,194.27'  
T = 620.05'  
R = 1,800.00'

Location and Surveys

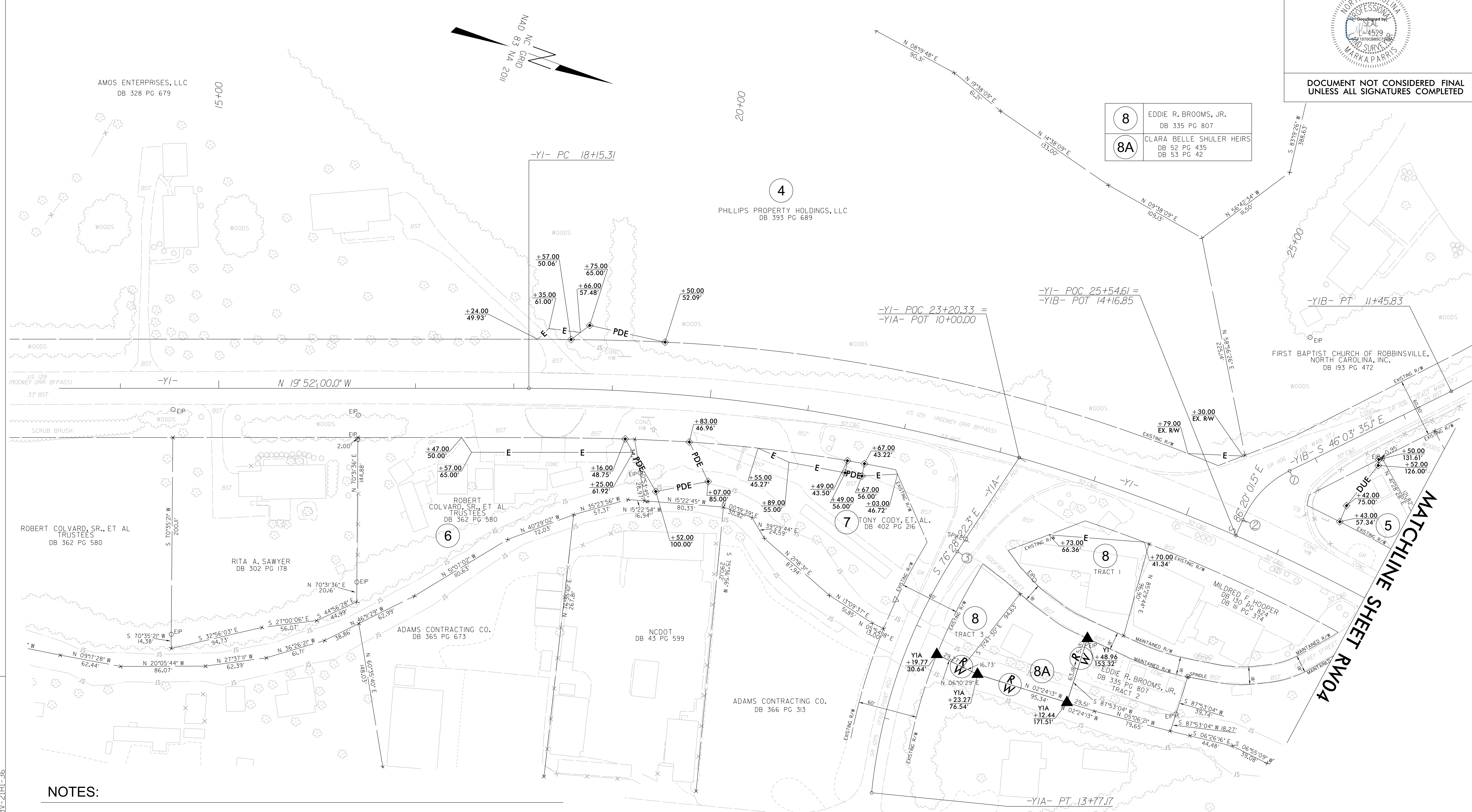


PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

8	EDDIE R. BROOMS, JR. DB 335 PG 807
8A	CLARA BELLE SHULER HEIRS DB 52 PG 435 DB 53 PG 42



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 7/26/21 TO 8/27/21.

REVISIONS

7 MAY 2022 10:55 AM  
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Jegordon

MATCHLINE SHEET RW04