
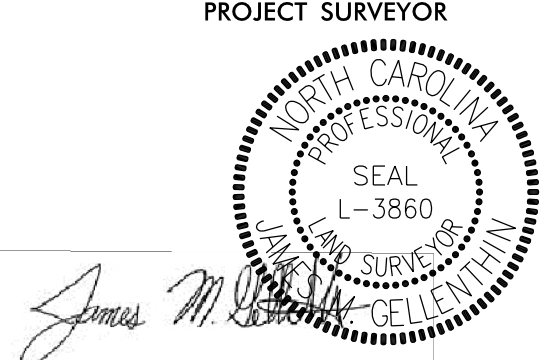


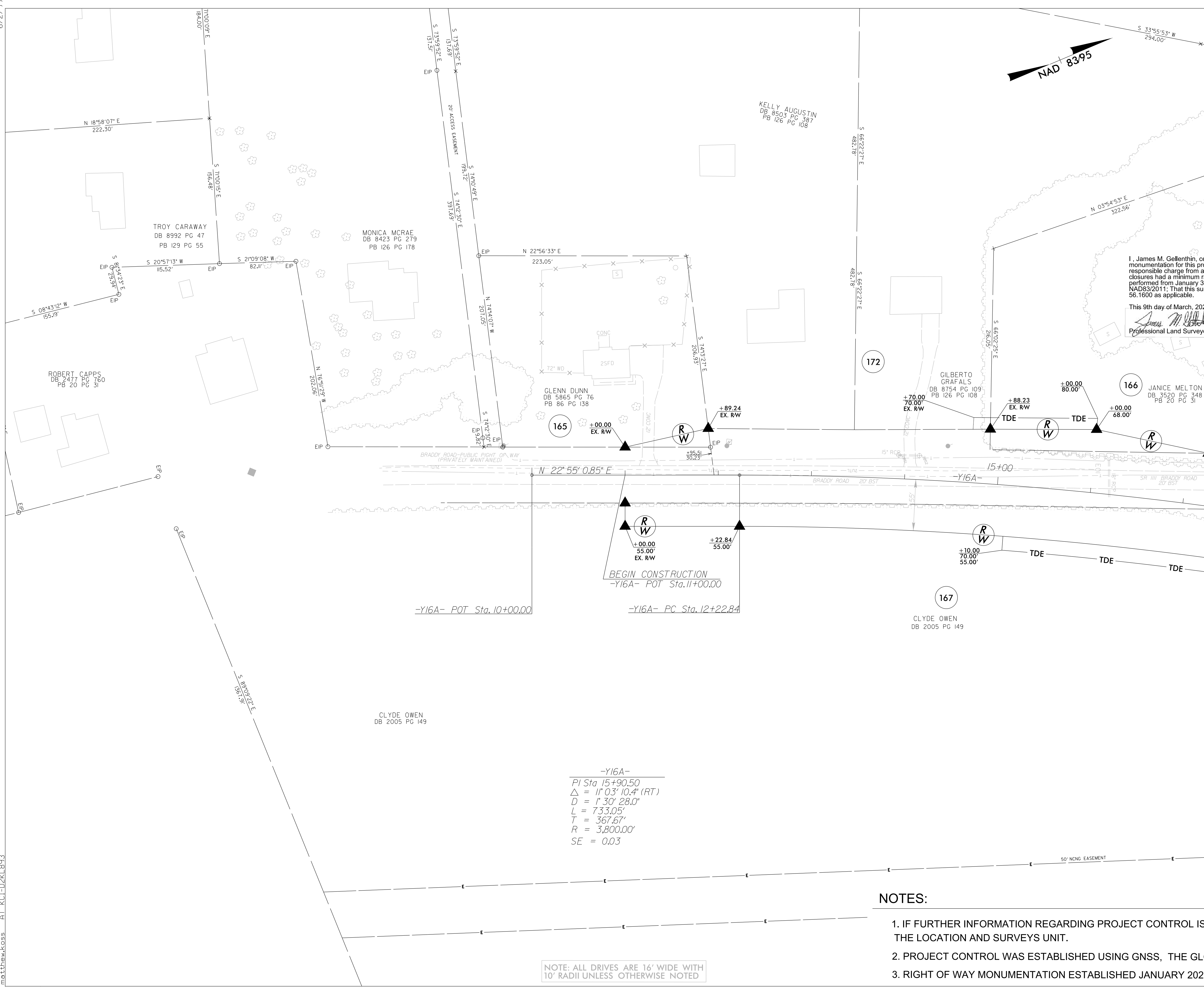
**This electronic collection of documents is provided  
for the convenience of the user  
and is Not a Certified Document –**

**The documents contained herein were originally issued  
and sealed by the individuals whose names and license  
numbers appear on each page, on the dates appearing  
with their signature on that page.**

**This file or an individual page  
shall not be considered a certified document.**

6/2/2019

PROJECT REFERENCE NO.	SHEET NO.
U-2519BA	RW27
<b>Location and Surveys</b>	
 KCI Associates of N.C., P.A. 4505 Falls of Neuse Rd, Suite 400 Raleigh, NC 27609 Phone (919) 783-9214 <a href="http://www.kci.com">http://www.kci.com</a>	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



I, James M. Gellenthin, 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 January 31, 2022 to March 9, 2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 9th day of March, 2022,  
 James M. Gellenthin  
 Professional Land Surveyor L-3860

MATCHLINE -Y16A- STA. 18+00 SEE SHEET RW28


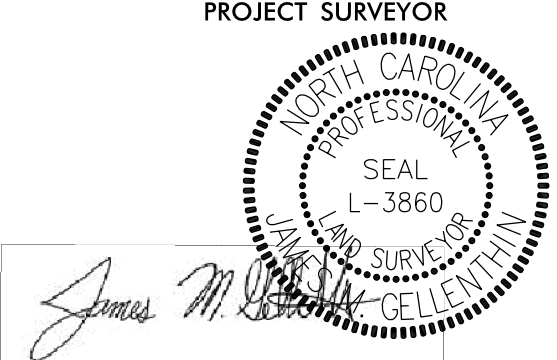
-Y16A-  
 PI Sta 15+90.50  
 $\Delta = 11^{\circ}03'10.4''$  (RT)  
 $D = 1^{\circ}30'28.0''$   
 $L = 733.05'$   
 $T = 367.67'$   
 $R = 3,800.00'$   
 $SE = 0.03$

NOTE: ALL DRIVES ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

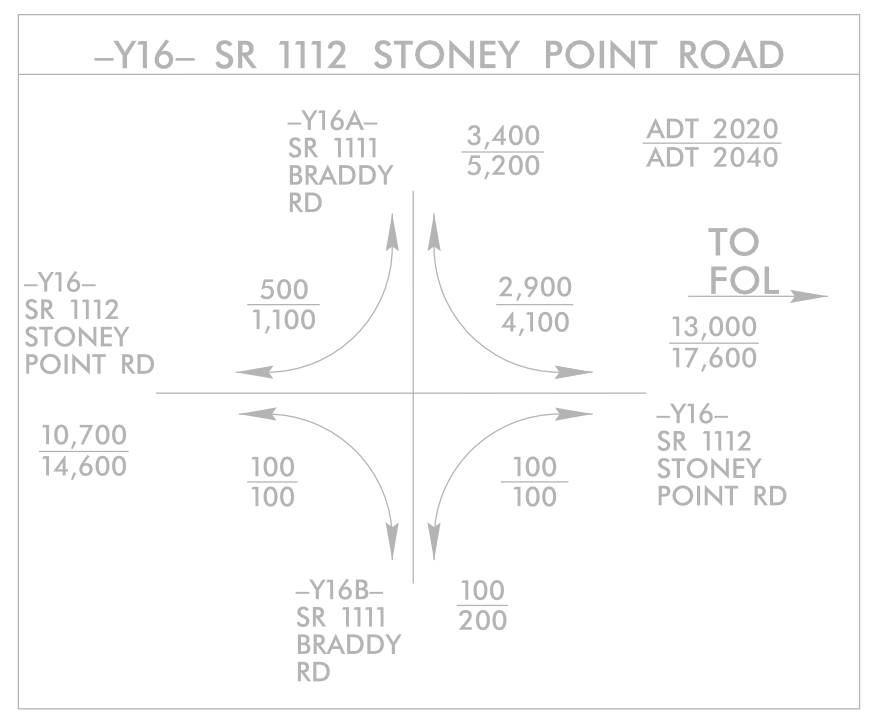
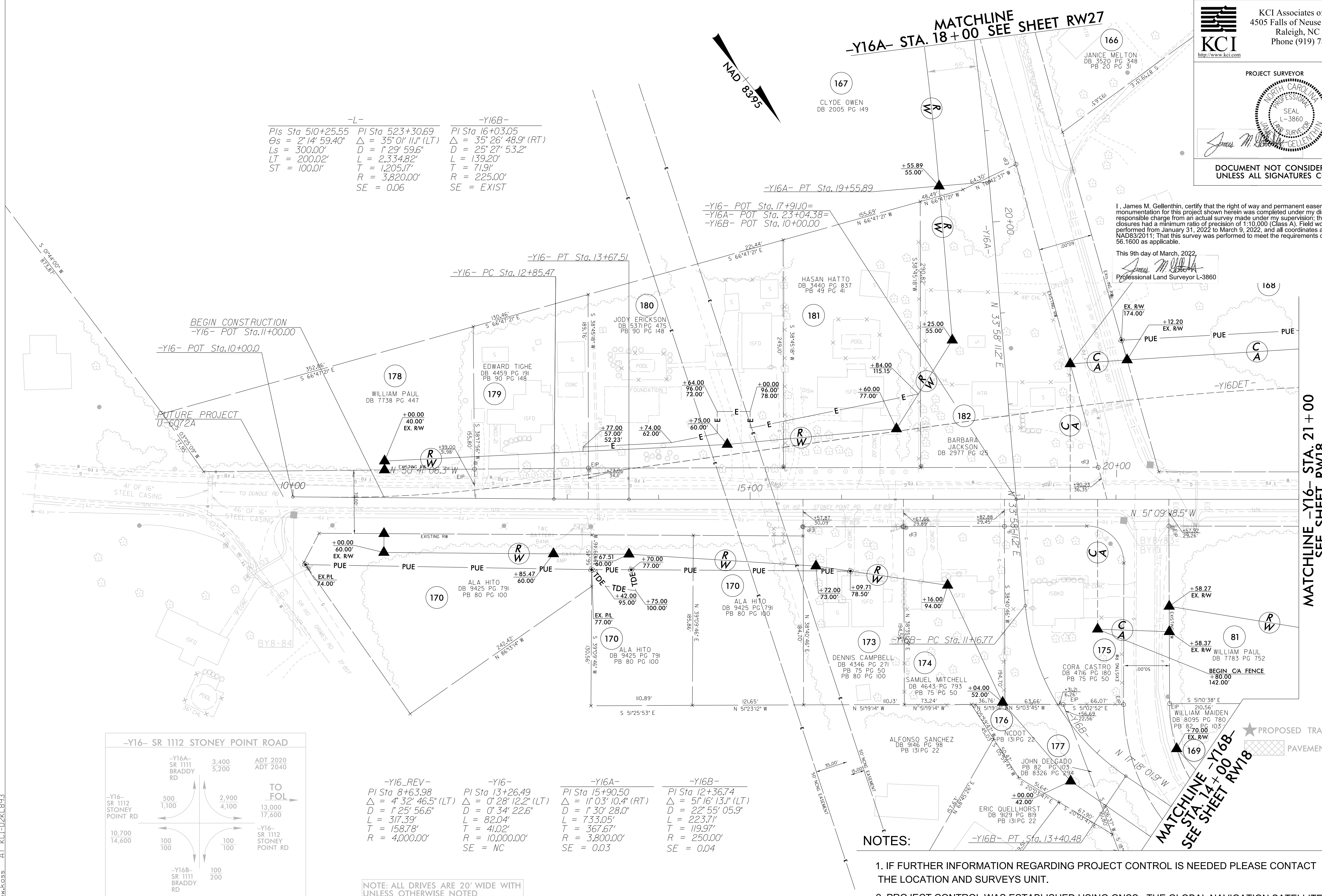
**NOTES:**

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 JANUARY 2022 TO MARCH 2022.

R:\MAR-2022\1138 R1\1025\2519BA\A u2519BA RW Staking\DRAWINGS\U2519BA\_1s\_rw27.dgn  
 KCI-0221893  
 Matthew Koss

PROJECT REFERENCE NO. U-2519BA	SHEET NO. RW28
<b>Location and Surveys</b>	
 KCI Associates of N.C., P.A. 4505 Falls of Neuse Rd, Suite 400 Raleigh, NC 27609 Phone (919) 783-9214 <a href="http://www.kci.com">http://www.kci.com</a>	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

<p style="text-align: center;">-L-</p> <p>PI Sta 510+25.55    PI Sta 523+30.69</p> <p><math>\Delta s = 2' 14" 59.40"</math>    <math>\Delta = 35' 01" 11.1" (LT)</math></p> <p><math>Ls = 300.00'</math>    <math>D = 1' 29" 59.6"</math></p> <p><math>LT = 200.02'</math>    <math>L = 2,334.82'</math></p> <p><math>ST = 100.01'</math>    <math>T = 1,205.17'</math></p> <p>    <math>R = 3,820.00'</math></p> <p>    <math>SE = 0.06</math></p>	<p style="text-align: center;">-Y16B-</p> <p>PI Sta 16+03.05</p> <p><math>\Delta = 35' 26" 48.9" (RT)</math></p> <p><math>D = 25' 27" 53.2"</math></p> <p><math>L = 139.20'</math></p> <p><math>T = 71.91'</math></p> <p><math>R = 225.00'</math></p> <p><math>SE = EXIST</math></p>
---	--



<p style="text-align: center;">-Y16_REV-</p> <p>PI Sta 8+63.98</p> <p><math>\Delta = 4' 32" 46.5" (LT)</math></p> <p><math>D = 1' 25" 56.6"</math></p> <p><math>L = 317.39'</math></p> <p><math>T = 158.78'</math></p> <p><math>R = 4,000.00'</math></p> <p><math>SE = NC</math></p>	<p style="text-align: center;">-Y16-</p> <p>PI Sta 13+26.49</p> <p><math>\Delta = 0' 28" 12.2" (LT)</math></p> <p><math>D = 0' 34" 22.6"</math></p> <p><math>L = 82.04'</math></p> <p><math>T = 41.02'</math></p> <p><math>R = 10,000.00'</math></p> <p><math>SE = NC</math></p>	<p style="text-align: center;">-Y16A-</p> <p>PI Sta 15+90.50</p> <p><math>\Delta = 1' 03" 10.4" (RT)</math></p> <p><math>D = 1' 30" 28.0"</math></p> <p><math>L = 733.05'</math></p> <p><math>T = 367.67'</math></p> <p><math>R = 3,800.00'</math></p> <p><math>SE = 0.03</math></p>	<p style="text-align: center;">-Y16B-</p> <p>PI Sta 12+36.74</p> <p><math>\Delta = 5' 16" 13.1" (LT)</math></p> <p><math>D = 22' 55" 05.9"</math></p> <p><math>L = 223.71'</math></p> <p><math>T = 119.97'</math></p> <p><math>R = 250.00'</math></p> <p><math>SE = 0.04</math></p>
--	--	--	---

NOTE: ALL DRIVES ARE 20' WIDE WITH UNLESS OTHERWISE NOTED

**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.
- RIGHT OF WAY MONUMENTATION ESTABLISHED JANUARY 2022 TO MARCH 2022.

6/2/2022 10:30 AM  
 K:\Projects\2022\U-2519BA\Drawings\U-2519BA-RW-Staking\DRAWINGS\U-2519BA-1s-rw28.dgn  
 KCI-10241833  
 matchaw.koss

MATCHLINE -Y16- STA. 21+00  
SEE SHEET RW18

MATCHLINE -Y16B-  
STA. 14+00  
SEE SHEET RW18

I, James M. Gellenthin, 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 January 31, 2022 to March 9, 2022, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 9th day of March, 2022

*James M. Gellenthin*  
Professional Land Surveyor L-3860

Location and Surveys

KCI Associates of N.C., P.A.  
 4505 Falls of Neuse Rd, Suite 400  
 Raleigh, NC 27609  
 Phone (919) 783-9214

PROJECT SURVEYOR

*James M. Gellenthin*

SEAL  
 L-3860  
 NORTH CAROLINA  
 PROFESSIONAL LAND SURVEYOR

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

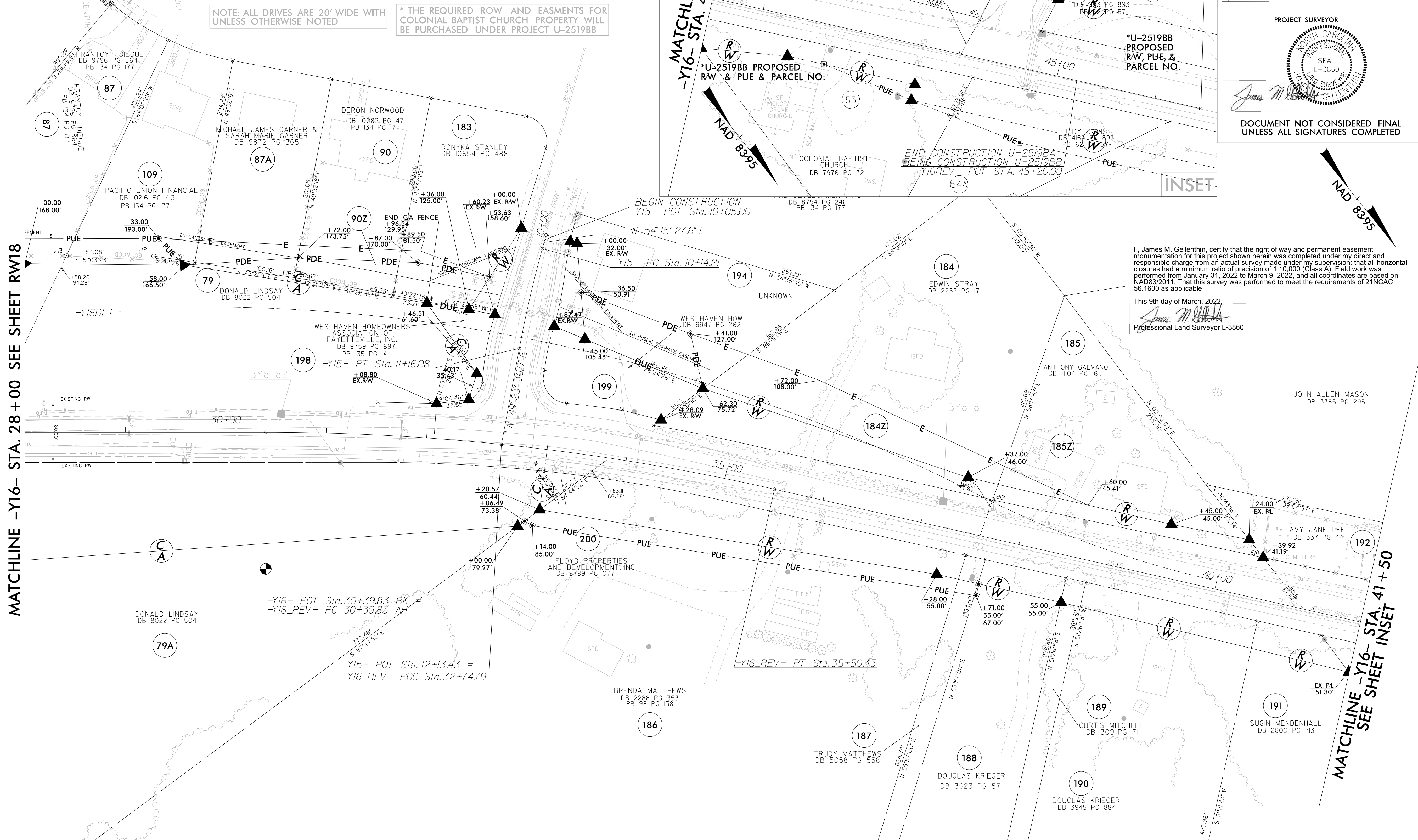
-Y15-	-Y16-	-Y16_REV-
PI Sta 10+65.18 Δ = 4' 51" 50.7" (LT) D = 4' 46" 28.7" L = 101.87' T = 50.97' R = 1,200.00'	PI Sta 32+03.89 Θs = 4' 02" 05.7" Ls = 200.00' D = 4' 02" 05.7" LT = 133.37' ST = 66.70' R = 1,420.00' SE = 0.06	PI Sta 33+27.18 PI Sta 34+50.47 PI Sta 40+83.61 PI Sta 32+96.21 Δ = 4' 34" 10.0" (RT) Θs = 4' 02" 05.7" Ls = 200.00' D = 0' 07" 56.0" (LT) Δ = 0' 03" 26.3" D = 2' 30" 07.9" L = 510.59' T = 256.38' R = 2,290.00'

NOTE: ALL DRIVES ARE 20' WIDE WITH UNLESS OTHERWISE NOTED

\* THE REQUIRED ROW AND EASMENTS FOR COLONIAL BAPTIST CHURCH PROPERTY WILL BE PURCHASED UNDER PROJECT U-2519BB

MATCHLINE -Y16- STA. 28 + 00 SEE SHEET RW18

MATCHLINE -Y16- STA. 41 + 50 SEE SHEET INSET



I, James M. Gellenthin, 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 January 31, 2022 to March 9, 2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

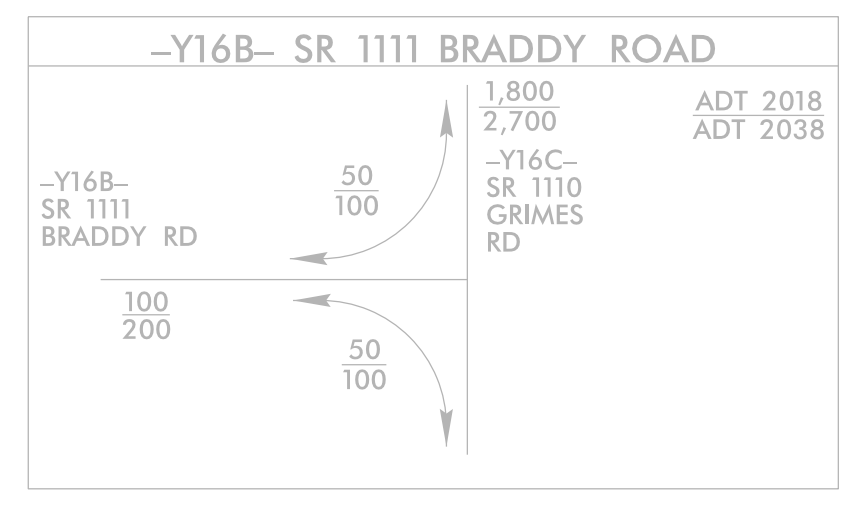
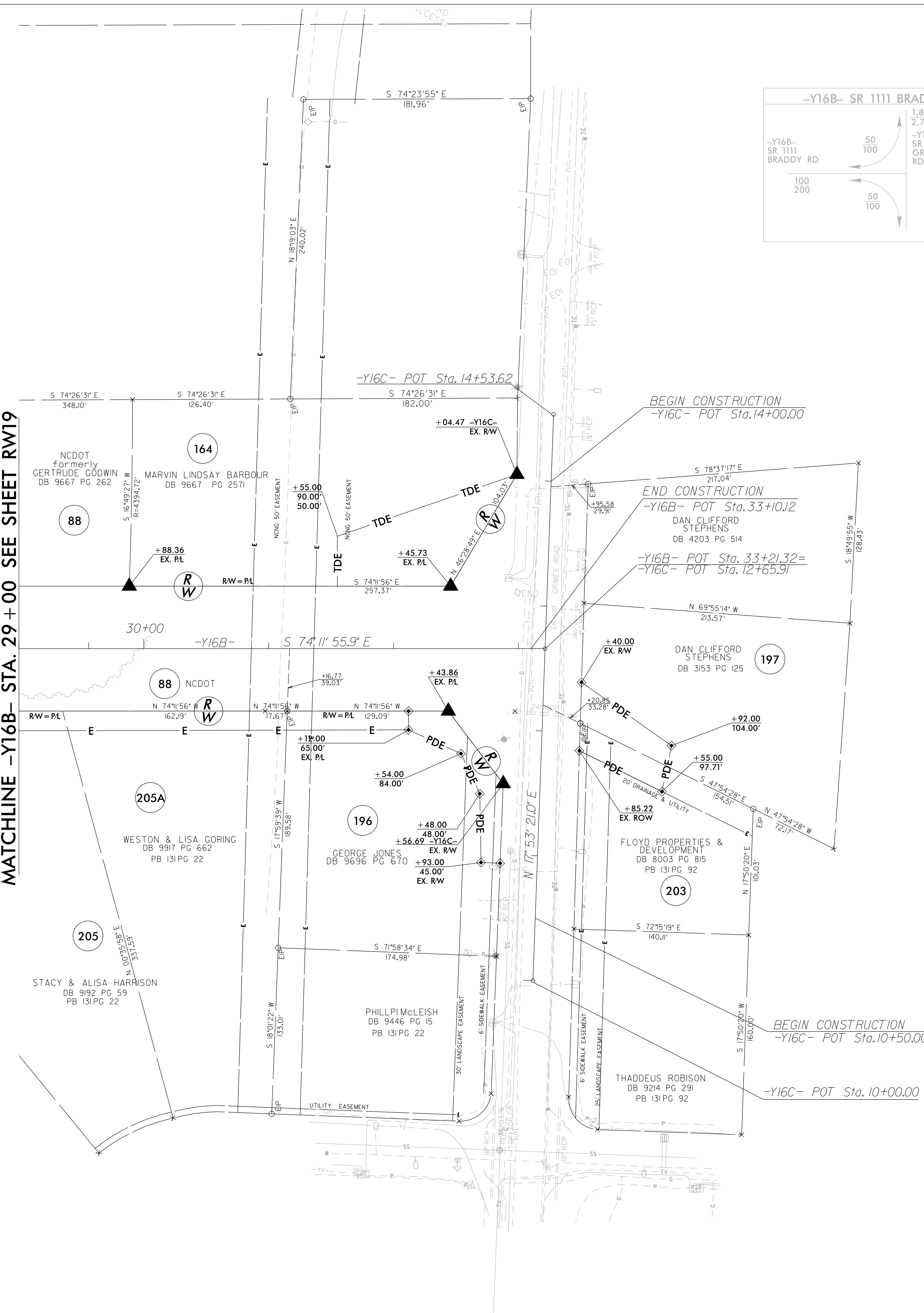
This 9th day of March, 2022


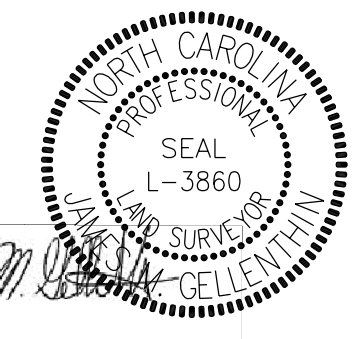
*James M. Gellenthin*  
 Professional Land Surveyor L-3860

- 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 JANUARY 2022 TO MARCH 2022.

R:\M\2022\1142\KCI\Drawings\U2519BA\RW\Stacking\DRAWINGS\U2519BA\_1s\_rw29.dgn  
 6/2/2022 11:42 AM  
 KCI-D2K1893  
 matthew.koss

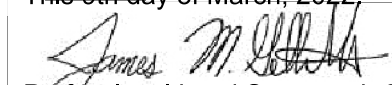
MATCHLINE -Y16B- STA. 29 + 00 SEE SHEET RW19



PROJECT REFERENCE NO. U-2519BA	SHEET NO. RW30
<b>Location and Surveys</b>	
 KCI Associates of N.C., P.A. 4505 Falls of Neuse Rd, Suite 400 Raleigh, NC 27609 Phone (919) 783-9214 <a href="http://www.kci.com">http://www.kci.com</a>	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, James M. Gellenthin, 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 January 31, 2022 to March 9, 2022, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 9th day of March, 2022.

  
 Professional Land Surveyor L-3860

**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 JANUARY 2022 TO MARCH 2022.