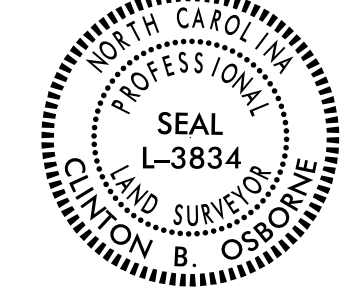




### Location and Surveys



PROJECT SURVEYOR

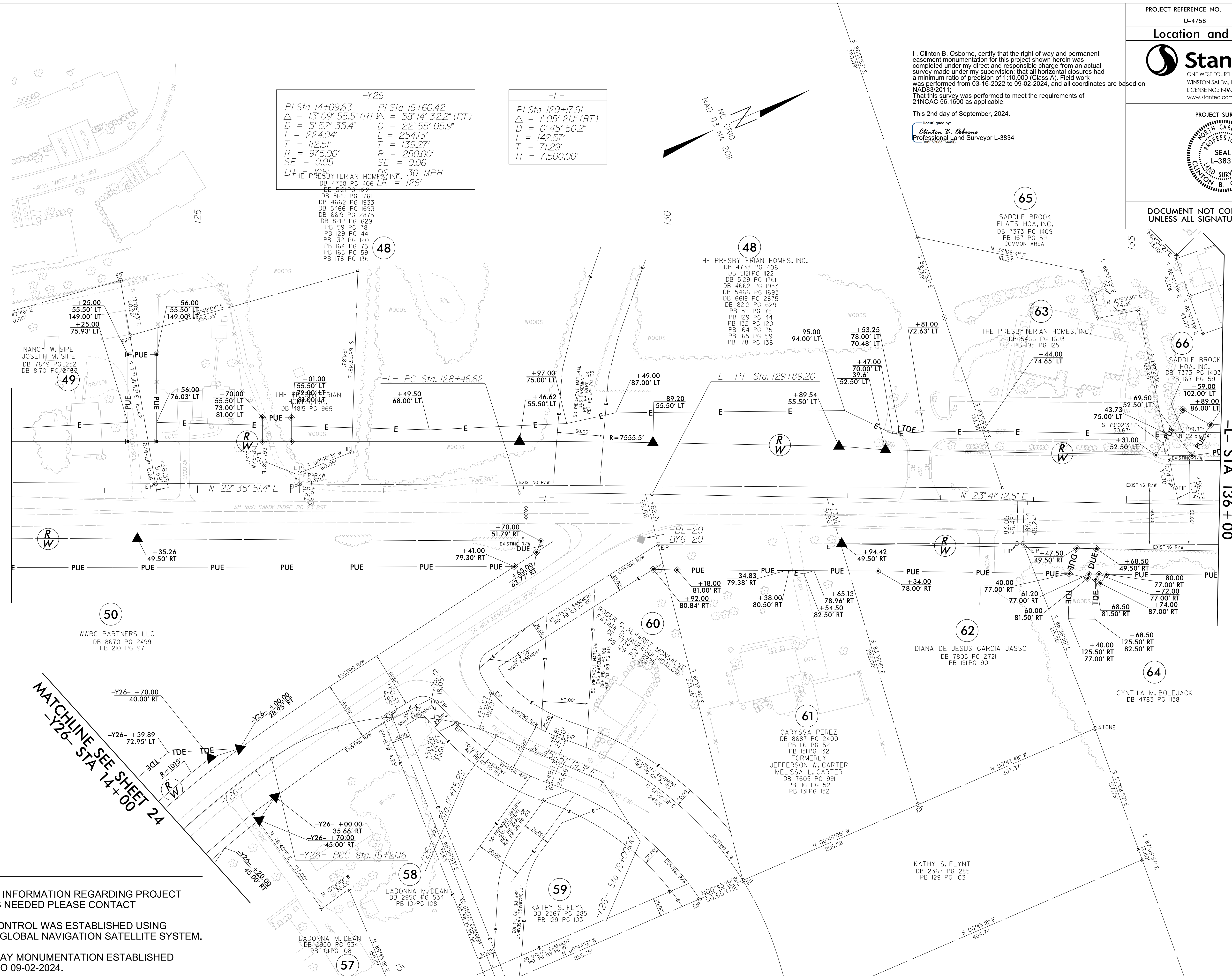
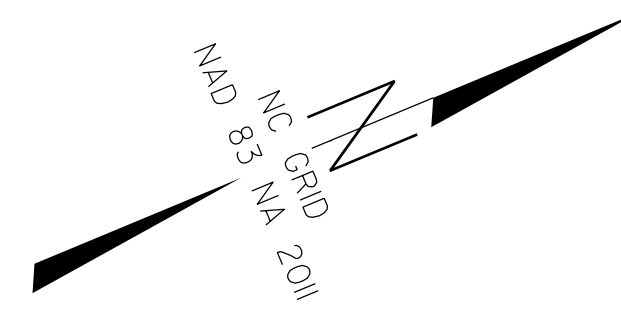


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Clinton B. Osborne, 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 1:1000 (Class A). Field work was performed from 03-16-2022 to 09-02-2024, 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, 2024.

DocuSigned by:  
**Clinton B. Osborne**  
Professional Land Surveyor L-3834



**-Y26-**

PI Sta 14+09.63	PI Sta 16+60.42
$\Delta = 13^{\circ}09'55.5''$ (RT)	$\Delta = 58^{\circ}14'32.2''$ (RT)
$D = 5^{\circ}52'35.4''$	$D = 22^{\circ}55'05.9''$
$L = 224.04'$	$L = 254.13'$
$T = 112.51'$	$T = 139.27'$
$R = 975.00'$	$R = 250.00'$
$SE = 0.05$	$SE = 0.06$
$LR = 105'$	$DS = 30$ MPH
	$LR = 126'$

**-L-**

PI Sta 129+17.91
$\Delta = 1^{\circ}05'21.1''$ (RT)
$D = 0^{\circ}45'50.2''$
$L = 142.57'$
$T = 71.29'$
$R = 7,500.00'$

MATCHLINE SEE SHEET 12  
-L- STA 123+00

MATCHLINE SEE SHEET 14  
-L- STA 136+00

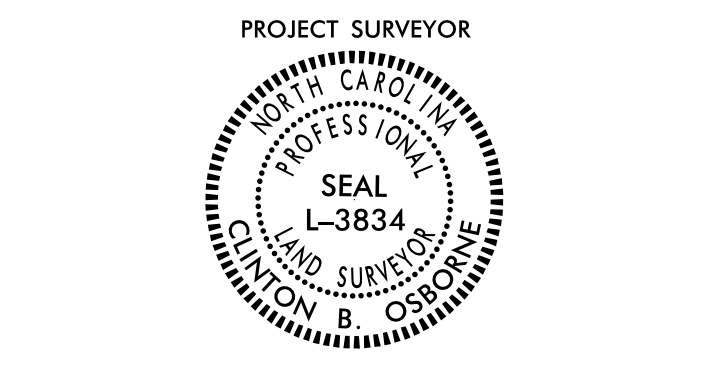
#### NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2022 TO 09-02-2024.

C:\Users\cbo241646\OneDrive\Drawings\dm\U4758\_13.rw13.rvt.merged.dgn  
 10/25/2024 10:13:00 AM  
 Clinton B. Osborne



Location and Surveys

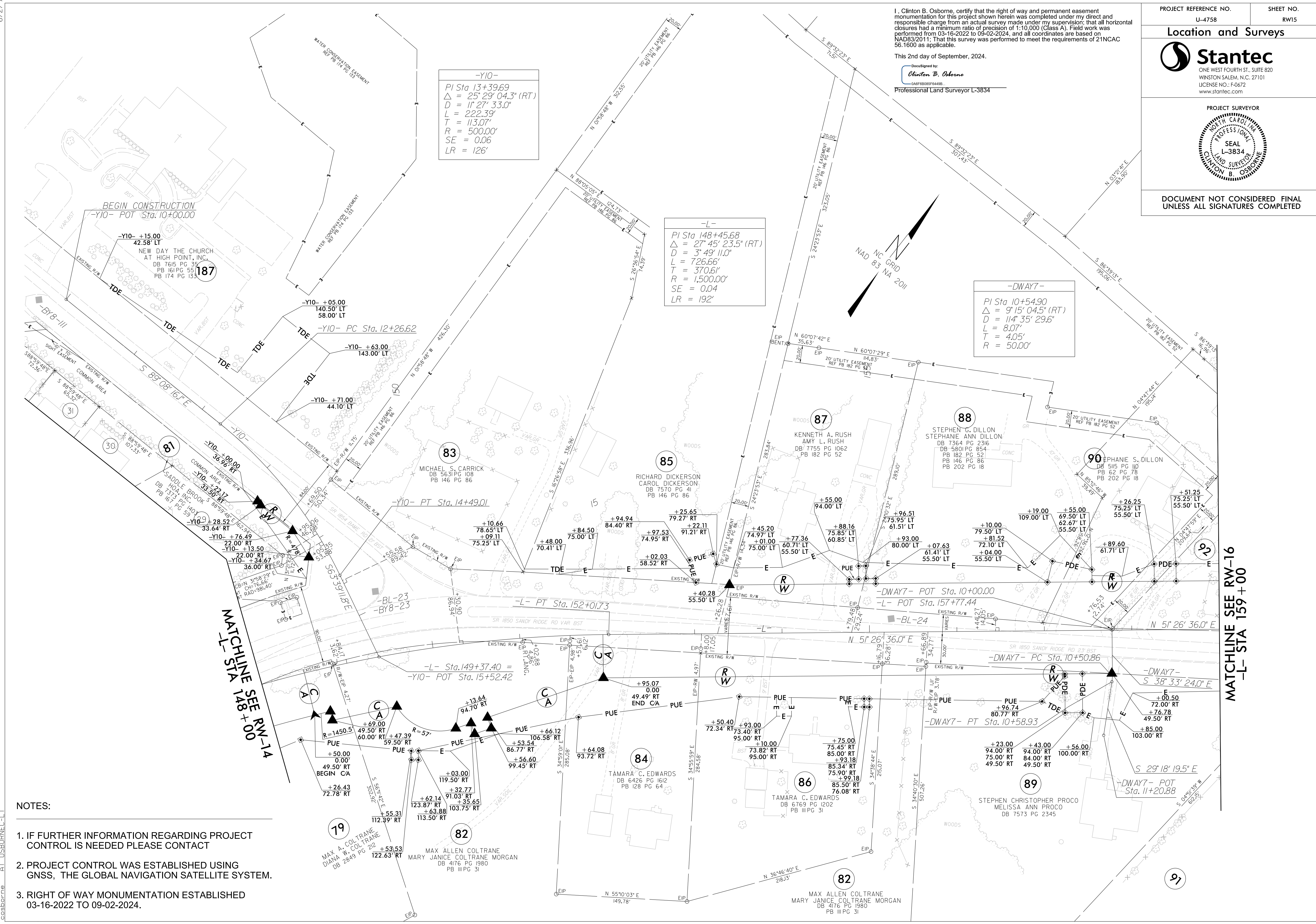


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAAC 56.1600 as applicable.

This 2nd day of September, 2024.

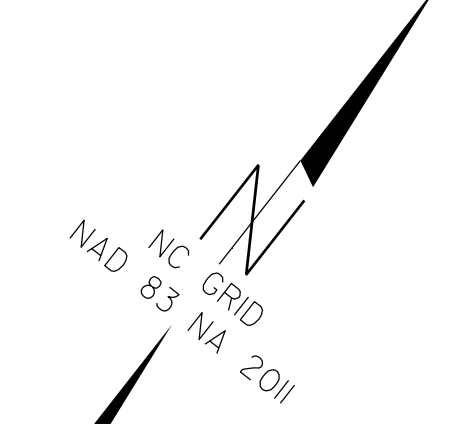
DocuSigned by: Clinton B. Osborne (DAEFB085F6449E) Professional Land Surveyor L-3834



-Y10-  
PI Sta 13+39.69  
Δ = 25° 29' 04.3" (RT)  
D = 11' 27' 33.0"  
L = 222.39'  
T = 113.07'  
R = 500.00'  
SE = 0.06  
LR = 126'

-L-  
PI Sta 148+45.68  
Δ = 27° 45' 23.5" (RT)  
D = 3' 49' 11.0"  
L = 726.66'  
T = 370.61'  
R = 1,500.00'  
SE = 0.04  
LR = 192'

-DWAY7-  
PI Sta 10+54.90  
Δ = 9° 15' 04.5" (RT)  
D = 114' 35" 29.6"  
L = 8.07'  
T = 4.05'  
R = 50.00'




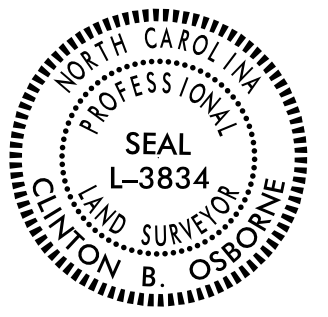
- NOTES:
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT
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  - RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2022 TO 09-02-2024.

6/2/2024 6:34 AM C:\Users\clbosne\OneDrive\Documents\Drawings\U4758\_15\_rw15\_not\_merged.dgn

MATCHLINE SEE RW-14  
-L- STA 148+00

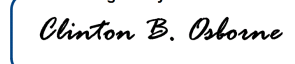
MATCHLINE SEE RW-16  
-L- STA 159+00

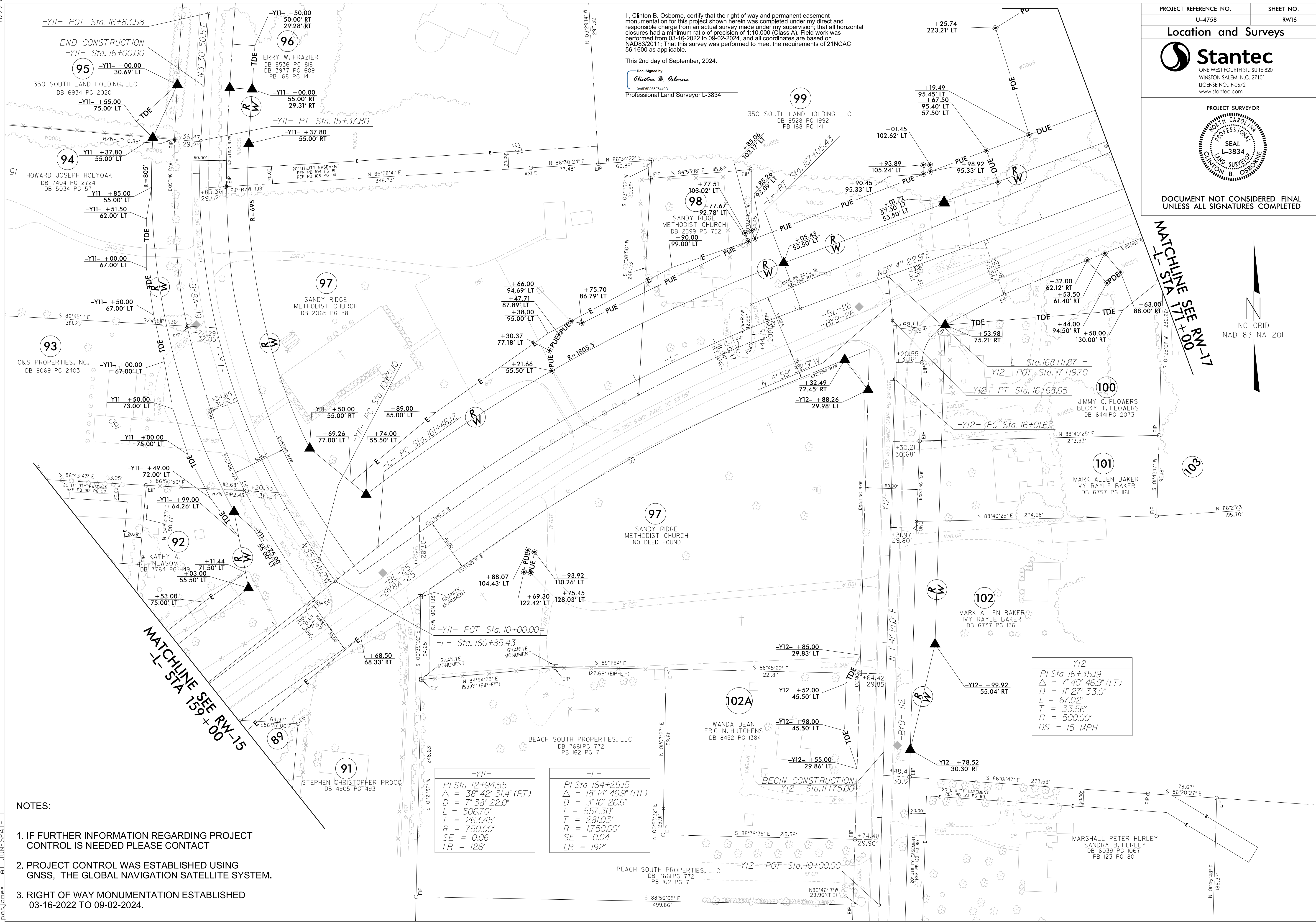
6/2/19

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW16
<b>Location and Surveys</b>	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR	
 SEAL L-3834 CLINTON B. OSBORNE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, 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, 2024.

DocuSigned by:  
  
 Clinton B. Osborne  
 Professional Land Surveyor L-3834



- NOTES:
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT
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  - RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2022 TO 09-02-2024.

-Y11-  
 PI Sta 12+94.55  
 $\Delta = 38^{\circ} 42' 31.4" (RT)$   
 $D = 7' 38' 22.0"$   
 $L = 506.70'$   
 $T = 263.45'$   
 $R = 750.00'$   
 $SE = 0.06$   
 $LR = 126'$

-L-  
 PI Sta 164+29.15  
 $\Delta = 18^{\circ} 14' 46.9" (RT)$   
 $D = 3' 16' 26.6"$   
 $L = 557.30'$   
 $T = 281.03'$   
 $R = 1,750.00'$   
 $SE = 0.04$   
 $LR = 192'$

-Y12-  
 PI Sta 16+35.19  
 $\Delta = 7^{\circ} 40' 46.9" (LT)$   
 $D = 11' 27' 33.0"$   
 $L = 67.02'$   
 $T = 33.56'$   
 $R = 500.00'$   
 $DS = 15 MPH$

19-AUG-2024 15:59  
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 pat.jones

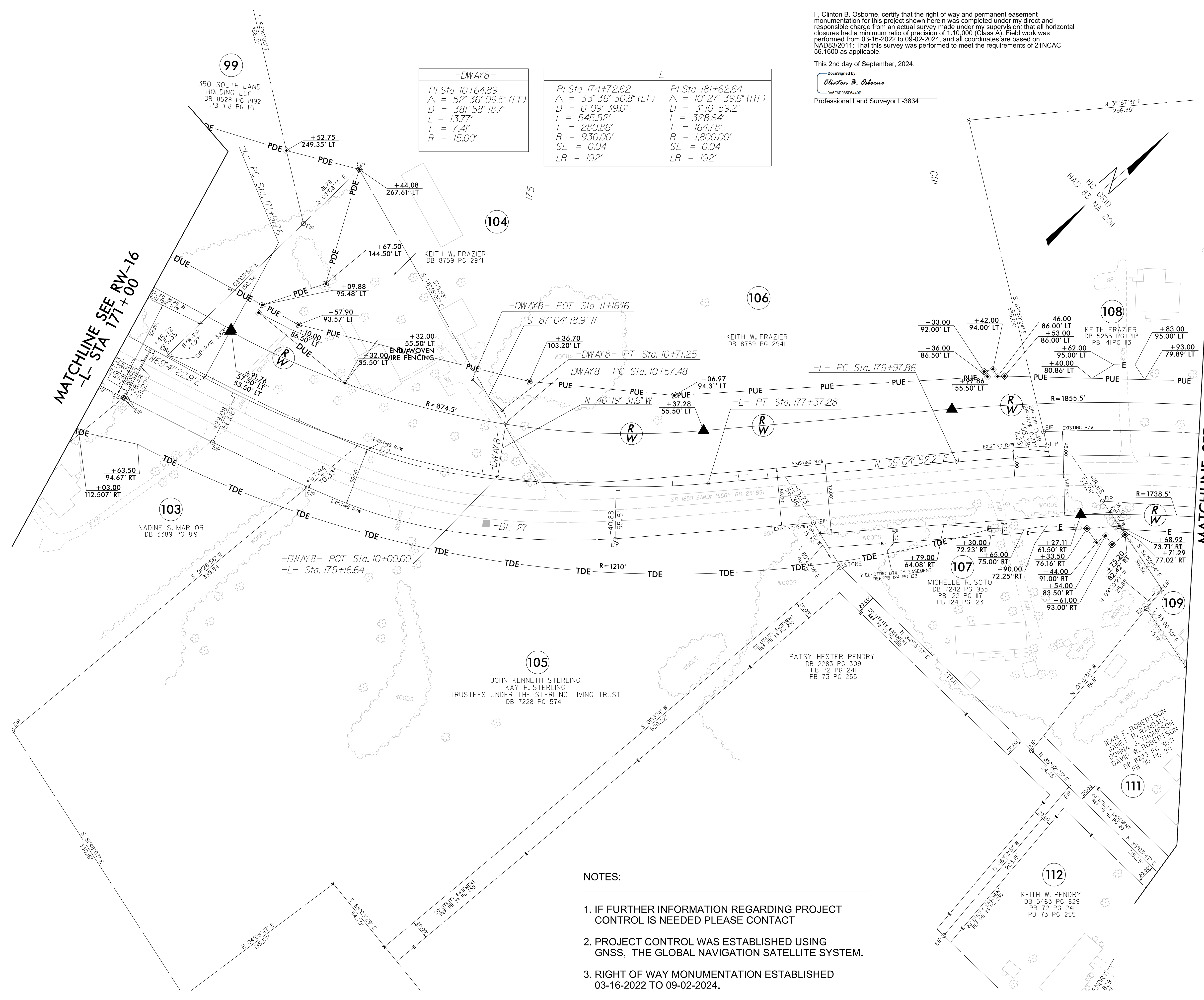
### Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.


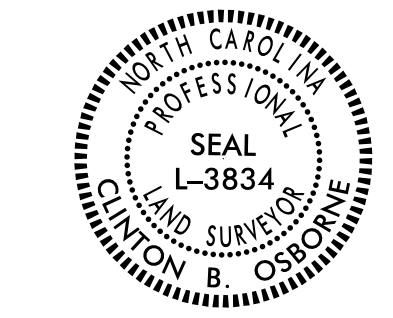
This 2nd day of September, 2024.  
 Designed by:  
**Clinton B. Osborne**  
0A1F6B85F6448B  
 Professional Land Surveyor L-3834



-DWAY8-	-L-	-L-
PI Sta 10+64.89	PI Sta 174+72.62	PI Sta 181+62.64
$\Delta = 52^{\circ} 36' 09.5''$ (LT)	$\Delta = 33^{\circ} 36' 30.8''$ (LT)	$\Delta = 10^{\circ} 27' 39.6''$ (RT)
D = 381' 58" 18.7"	D = 6' 09" 39.0"	D = 3' 10" 59.2"
L = 13.77'	L = 545.52'	L = 328.64'
T = 7.41'	T = 280.86'	T = 164.78'
R = 15.00'	R = 930.00'	R = 1,800.00'
	SE = 0.04	SE = 0.04
	LR = 192'	LR = 192'

- NOTES:
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT
  - PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
  - RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2022 TO 09-02-2024.

6/2/19  
 U:\Projects\2024\614\17-24\300168\17-24\view\drawing\dgm\U4758\_1s.rw17-not merged.dgn  
 Clinton B. Osborne  
 0A1F6B85F6448B

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW18
<b>Location and Surveys</b>	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR	
 SEAL L-3834 CLINTON B. OSBORN	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

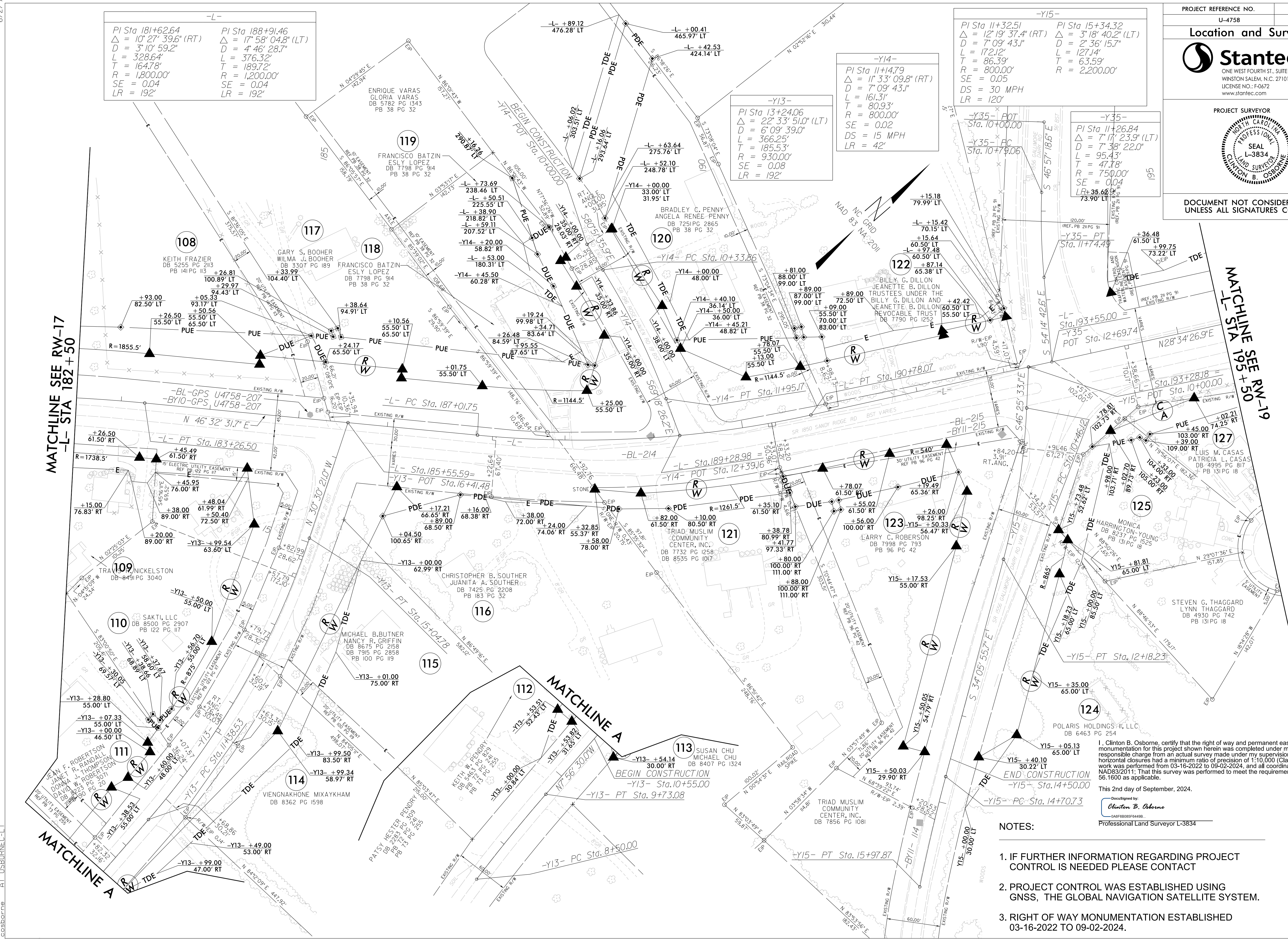
-L-	
PI Sta 181+62.64 Δ = 10° 27' 39.6" (RT) D = 3' 10" 59.2" L = 328.64' T = 164.78' R = 1,800.00' SE = 0.04 LR = 192'	PI Sta 188+91.46 Δ = 17° 58' 04.8" (LT) D = 4' 46" 28.7" L = 376.32' T = 189.72' R = 1,200.00' SE = 0.04 LR = 192'

-Y13-	
PI Sta 13+24.06 Δ = 22° 33' 51.0" (LT) D = 6' 09" 39.0" L = 366.25' T = 185.53' R = 930.00' SE = 0.08 LR = 192'	

-Y14-	
PI Sta 11+4.79 Δ = 11° 33' 09.8" (RT) D = 7' 09" 43.1" L = 161.31' T = 80.93' R = 800.00' SE = 0.02 DS = 15 MPH LR = 42'	

-Y15-	
PI Sta 11+32.51 Δ = 12° 19' 37.4" (RT) D = 7' 09" 43.1" L = 172.12' T = 86.39' R = 800.00' SE = 0.05 DS = 30 MPH LR = 120'	PI Sta 15+34.32 Δ = 3° 18' 40.2" (LT) D = 2' 36" 15.7" L = 127.14' T = 63.59' R = 2,200.00'

-Y35-	
PI Sta 11+26.84 Δ = 7° 17' 23.9" (LT) D = 7' 38" 22.0" L = 95.43' T = 47.18' R = 750.00' SE = 0.04 LR = 35.62'	



I, Clinton B. Osborn, 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 03-16-2022 to 09-02-2024, 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, 2024.


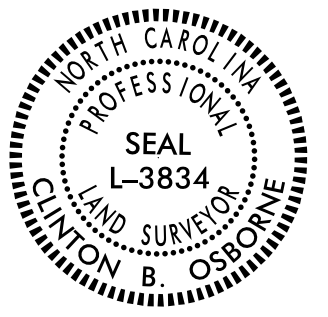
Clinton B. Osborn  
Professional Land Surveyor L-3834

- NOTES:
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  - PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
  - RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2022 TO 09-02-2024.

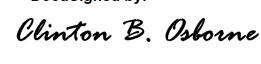
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 cosborne

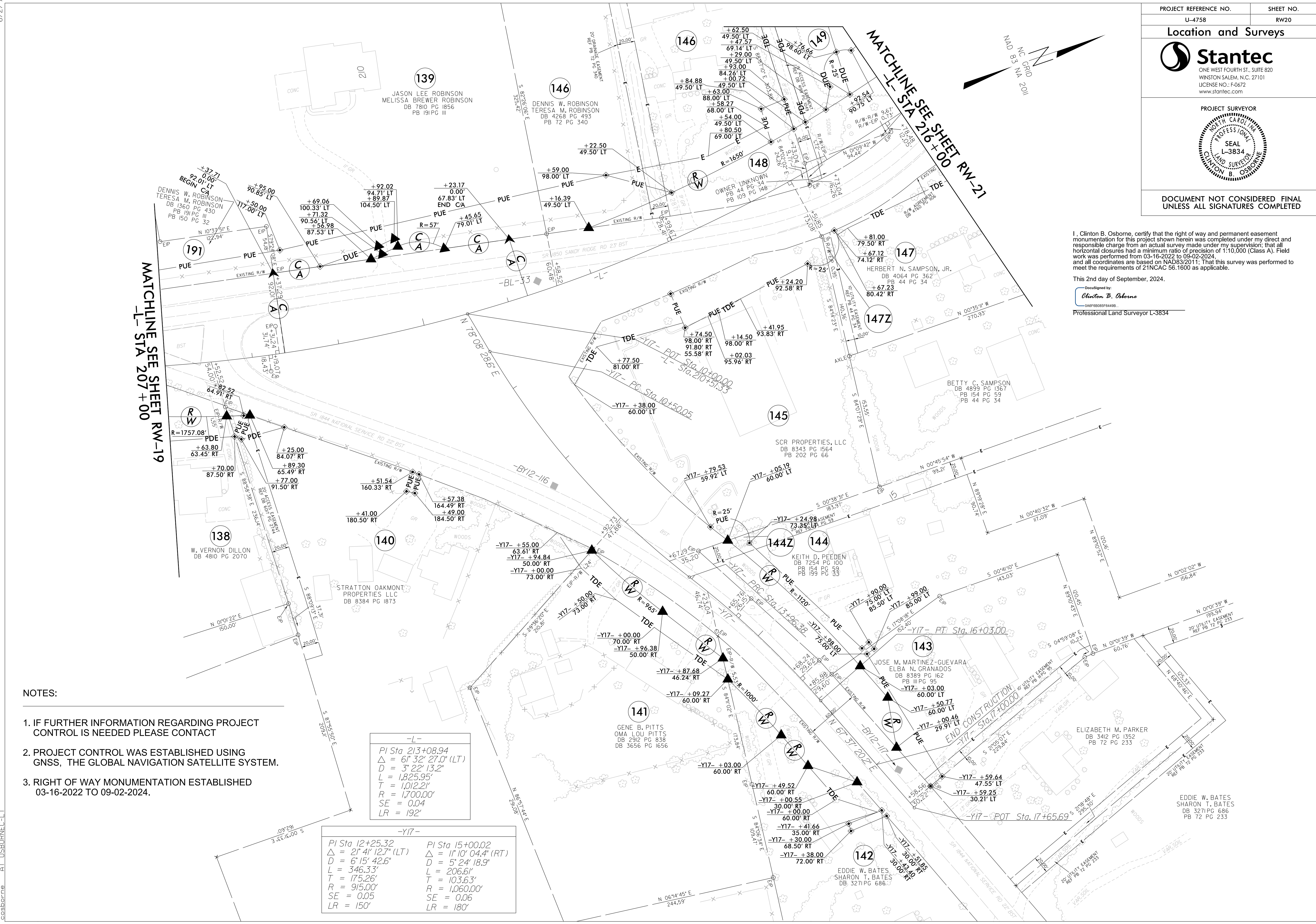




PROJECT REFERENCE NO. U-4758	SHEET NO. RW20
<b>Location and Surveys</b>	
 <b>Stantec</b> ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR	
 CLINTON B. OSBORNE PROFESSIONAL LAND SURVEYOR SEAL L-3834	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, 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, 2024.  
 Documented by:  
  
 Clinton B. Osborne  
 DAEP#680564498  
 Professional Land Surveyor L-3834



NOTES:

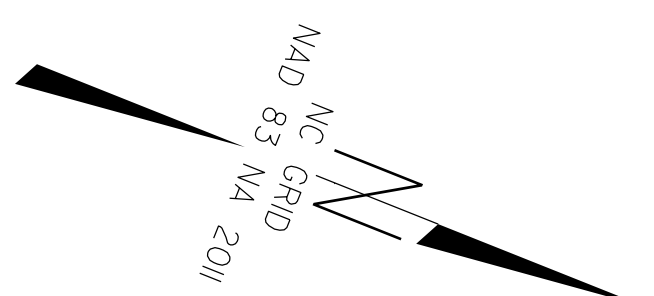
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2022 TO 09-02-2024.

-L-	
PI Sta 213+08.94	
$\Delta = 6^{\circ} 32' 27.0''$ (LT)	
$D = 3^{\circ} 22' 13.2''$	
$L = 1,825.95'$	
$T = 1,012.21'$	
$R = 1,700.00'$	
$SE = 0.04$	
$LR = 192'$	

-Y17-	
PI Sta 12+25.32	PI Sta 15+00.02
$\Delta = 21^{\circ} 41' 12.7''$ (LT)	$\Delta = 11^{\circ} 10' 04.4''$ (RT)
$D = 6^{\circ} 15' 42.6''$	$D = 5^{\circ} 24' 18.9''$
$L = 346.33'$	$L = 206.61'$
$T = 175.26'$	$T = 103.63'$
$R = 915.00'$	$R = 1,060.00'$
$SE = 0.05$	$SE = 0.06$
$LR = 150'$	$LR = 180'$

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 10/24/2024 10:16:30 AM  
 Clinton B. Osborne


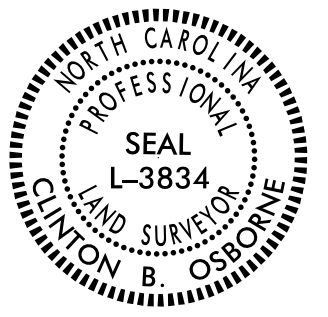
<p>-L-</p> <p>PI Sta 213+08.94  <math>\Delta = 61^{\circ} 32' 27.0''</math> (LT)  D = 3' 22' 13.2"  L = 1,825.95'  T = 1,012.21'  R = 1,700.00'  SE = 0.04  LR = 192'</p>	<p>-Y18-</p> <p>PI Sta 11+78.87  <math>\Delta = 20^{\circ} 26' 12.0''</math> (RT)  D = 19' 05' 54.9"  L = 107.01'  T = 54.08'  R = 300.00'</p>	<p>-Y19-</p> <p>PI Sta 12+22.40  <math>\Delta = 10^{\circ} 05' 40.8''</math> (LT)  D = 11' 27' 33.0"  L = 88.09'  T = 44.16'  R = 500.00'</p>
<p>-Y21-</p> <p>PI Sta 12+31.82  <math>\Delta = 19^{\circ} 20' 39.3''</math> (LT)  D = 19' 05' 54.9"  L = 101.29'  T = 51.13'  R = 300.00'</p>		

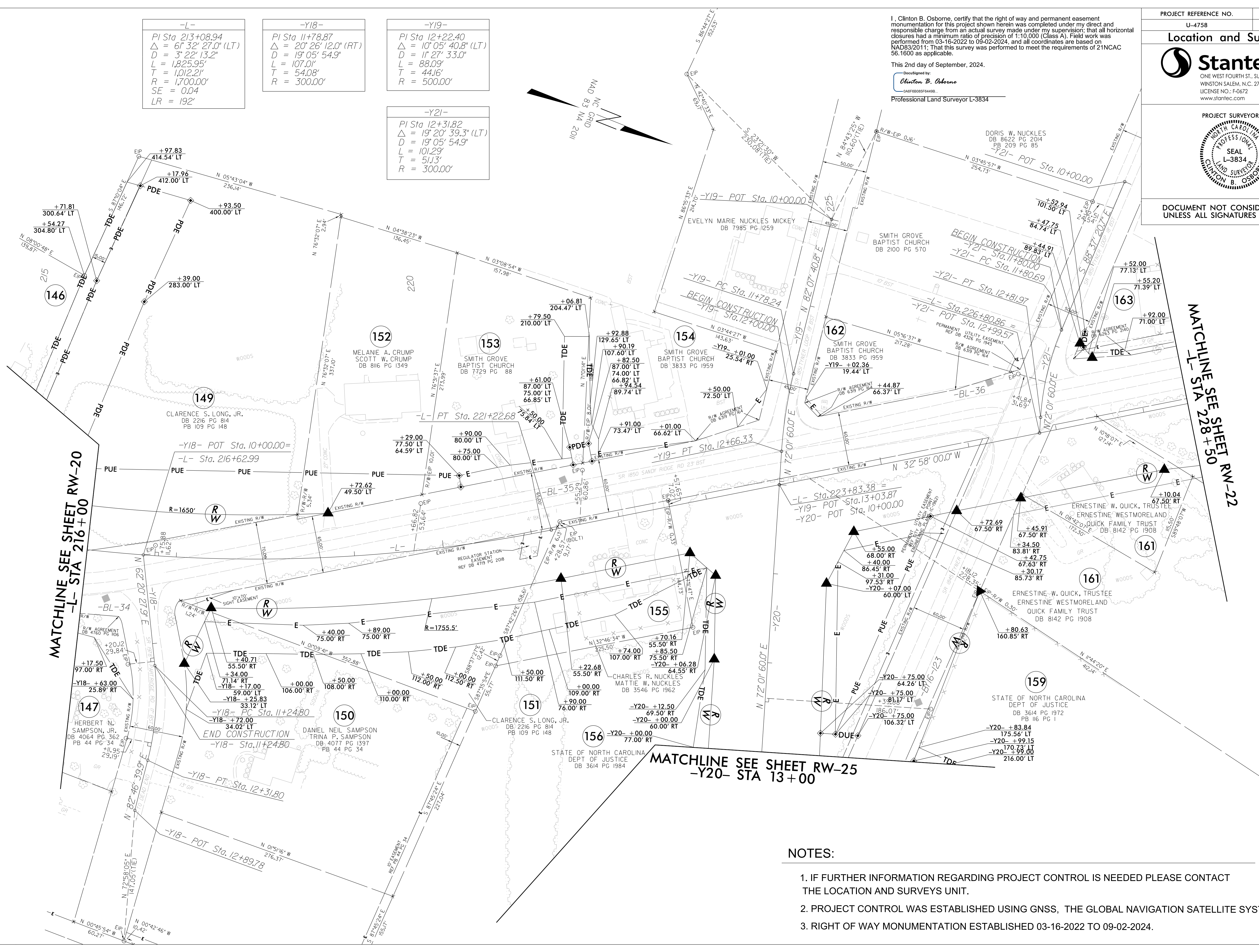


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This 2nd day of September, 2024.


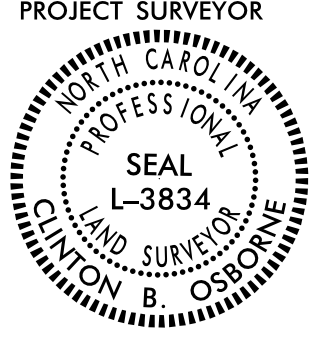
DocuSigned by:  
**Clinton B. Osborne**  
0A6FB008F64406  
Professional Land Surveyor L-3834

PROJECT REFERENCE NO. U-4758	SHEET NO. RW21
<b>Location and Surveys</b>	
 <b>Stantec</b> ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR  CLINTON B. OSBORNE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



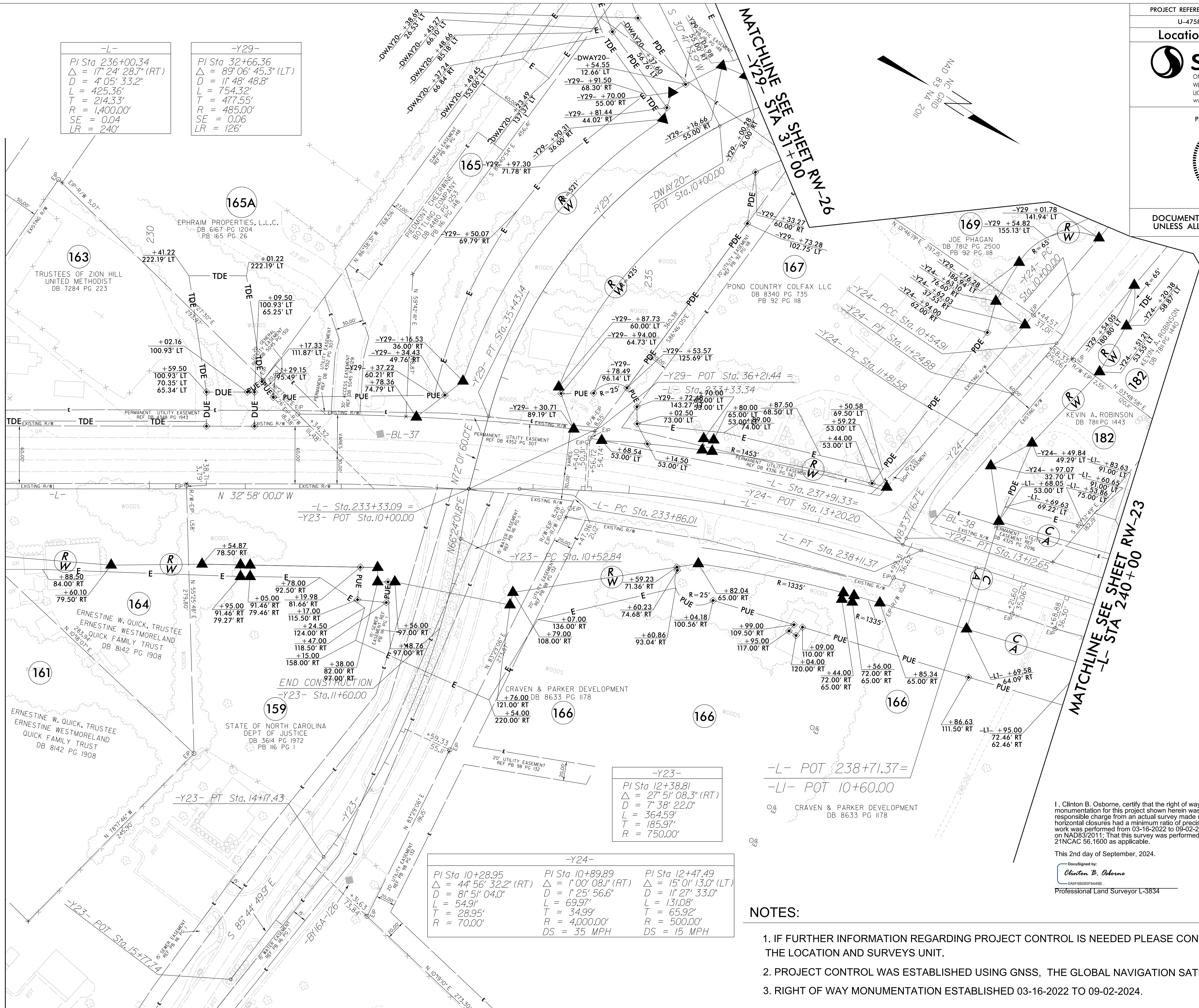
**NOTES:**

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 03-16-2022 TO 09-02-2024.

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW22
<b>Location and Surveys</b>	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR	
 CLINTON B. OSBORNE SEAL L-3834 PROFESSIONAL LAND SURVEYOR N.C.	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

MATCHLINE SEE SHEET RW-21  
-L- STA 228+50

MATCHLINE SEE SHEET RW-23  
-L- STA 240+00



-L-	-Y29-
PI Sta 236+00.34	PI Sta 32+66.36
$\Delta = 17^{\circ} 24' 28.7''$ (RT)	$\Delta = 89^{\circ} 06' 45.3''$ (LT)
D = 4'05".33	D = 1'48".48
L = 425.36'	L = 754.32'
T = 214.33'	T = 477.55'
R = 1,400.00'	R = 485.00'
SE = 0.04	SE = 0.06
LR = 240'	LR = 126'

-Y23-
PI Sta 12+38.81
$\Delta = 27^{\circ} 51' 08.3''$ (RT)
D = 7' 38".22
L = 364.59'
T = 185.97'
R = 750.00'

-Y24-	-Y24-	-Y24-
PI Sta 10+28.95	PI Sta 10+89.89	PI Sta 12+47.49
$\Delta = 44^{\circ} 56' 32.2''$ (RT)	$\Delta = 1^{\circ} 00' 08.1''$ (RT)	$\Delta = 15^{\circ} 01' 13.0''$ (LT)
D = 81' 51".04	D = 1' 25".56	D = 11' 27".33
L = 54.91'	L = 69.97'	L = 131.08'
T = 28.95'	T = 34.99'	T = 65.92'
R = 70.00'	R = 4,000.00'	R = 500.00'
	DS = 35 MPH	DS = 15 MPH

-L- POT 238+71.37=  
 -LI- POT 10+60.00

**NOTES:**

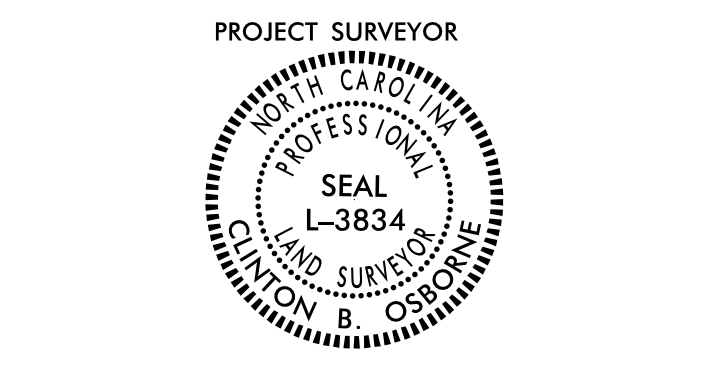
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This 2nd day of September, 2024.

DocuSigned by:  
 Clinton B. Osborne  
 0A5F6085E4A480  
 Professional Land Surveyor L-3834

Location and Surveys

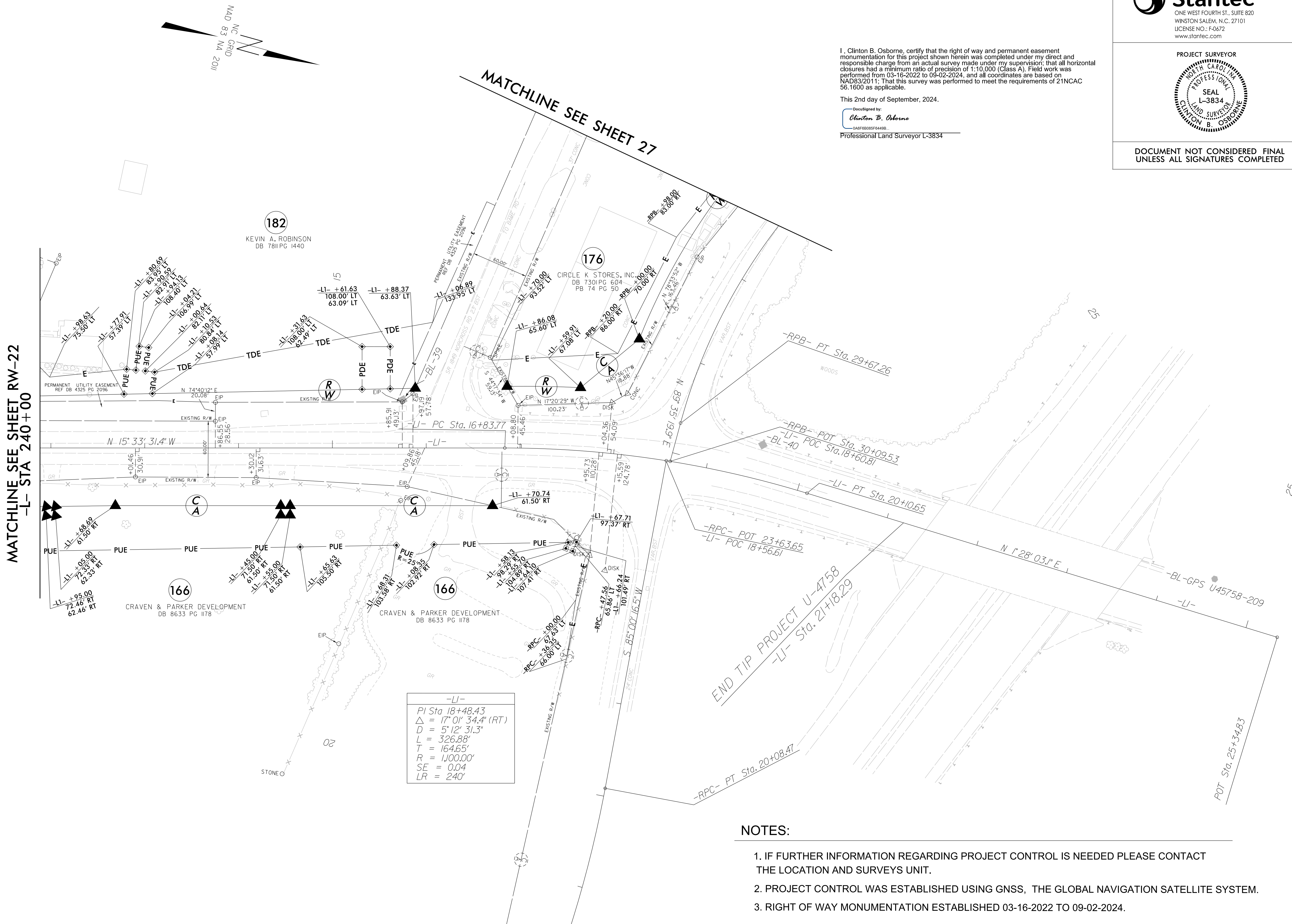


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This 2nd day of September, 2024.



DocuSigned by:  
 Clinton B. Osborne  
 CA8F6B08F64496  
 Professional Land Surveyor L-3834



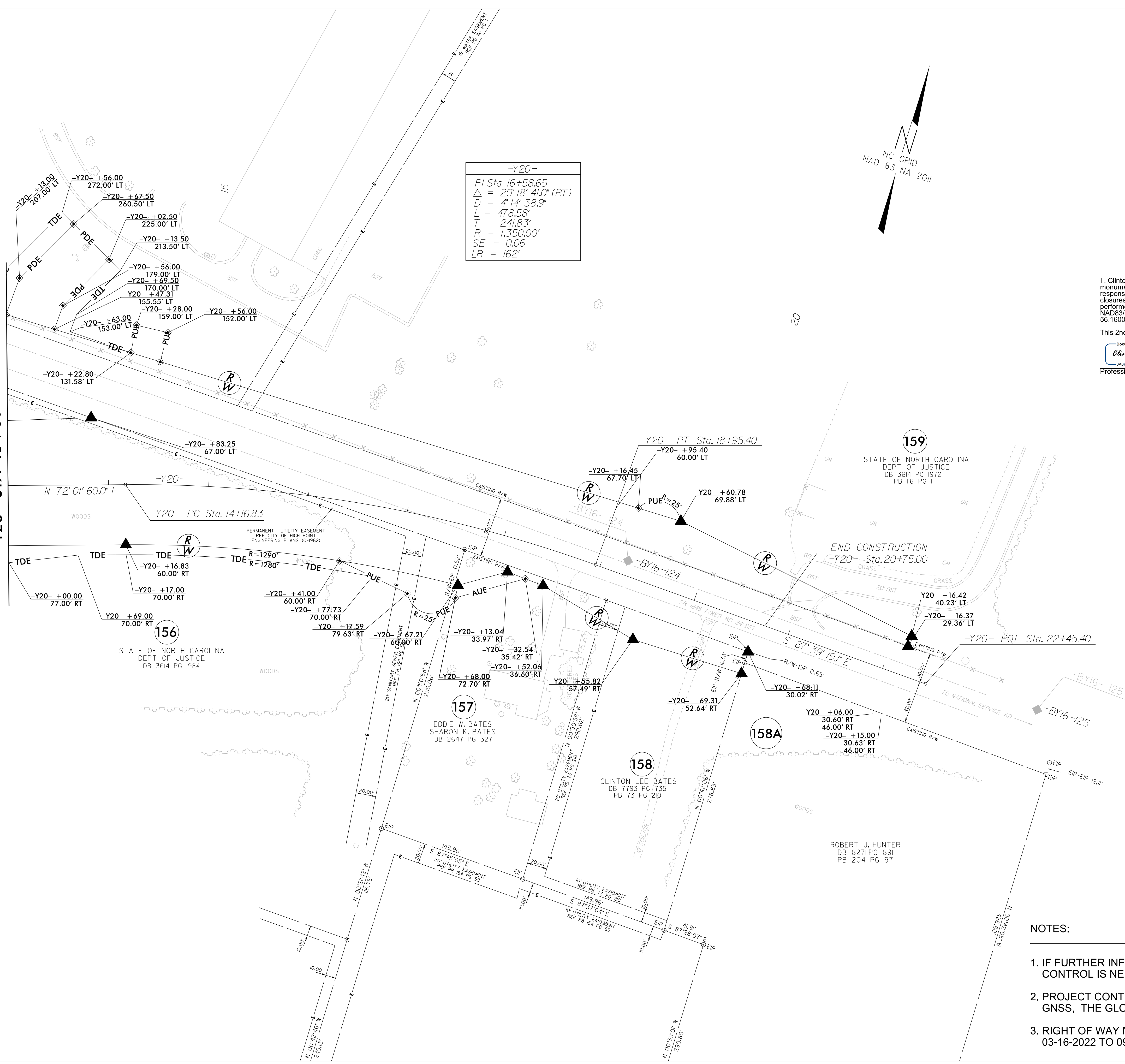
NOTES:

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 03-16-2022 TO 09-02-2024.



PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW25
<b>Location and Surveys</b>	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR	
 CLINTON B. OSBORNE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

MATCHLINE SEE SHEET RW-21  
-Y20- STA 13+00



I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, 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, 2024.

DocuSigned by:  
**Clinton B. Osborne**  
0A6F8B85F6449B  
 Professional Land Surveyor L-3834

- NOTES:**
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT
  2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
  3. RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2022 TO 09-02-2024.



