

-YISREV- (RELOCATED I-40 BYPASS)		-YIS- (I-40 BYPASS)	
PI Sta. 2108.35	PI Sta. 30127.45	PI Sta. 66157.43	PI Sta. 8019.99
$\Delta = 17' 13.213$ (RT)	$\Delta = 1' 21.413$	$\Delta = 1' 00.000$	$\Delta = 25' 29.208$ (RT)
D = 1284.52'	D = 240.00'	D = 200.00'	D = 1' 00.000
L = 1294.52'	L = 160.00'	L = 133.34'	L = 2548.30'
R = 655.000'	ST = 80.00'	T = 1295.90'	R = 1295.90'
INC = 5050.00'	INC = 60.00'	INC = 5129.58'	INC = 5129.58'
SE = 04		SE = EXIST.	

-YISRPC- (RAMP)		-YISRPC- (RAMP)	
PI Sta. 1816.95	PI Sta. 26154.22	PI Sta. 34101.78	PI Sta. 40111.87
$\Delta = 4' 26.433$	$\Delta = 32' 19.254$ (RT)	$\Delta = 4' 26.433$	$\Delta = 2' 43.015$ (LT)
D = 360.00'	D = 2' 28.102'	D = 360.00'	D = 1' 07.173
L = 240.08'	L = 1308.84'	L = 240.08'	L = 242.28'
ST = 120.00'	ST = 612.35'	ST = 120.00'	ST = 120.00'
INC = 60.00'	INC = 2320.00'	INC = 60.00'	INC = 5109.00'
SE = 06		SE = 04	

REVISIONS

6/2/19
3-AUG-2019 09:51
S:\Projects\190914\190914\190914\Right of Way\RW Ctl Sheets\2020\Julie\to be checked\U2579ab\ls-rw19.dgn
AT 15:31:56

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 _____ TO _____.

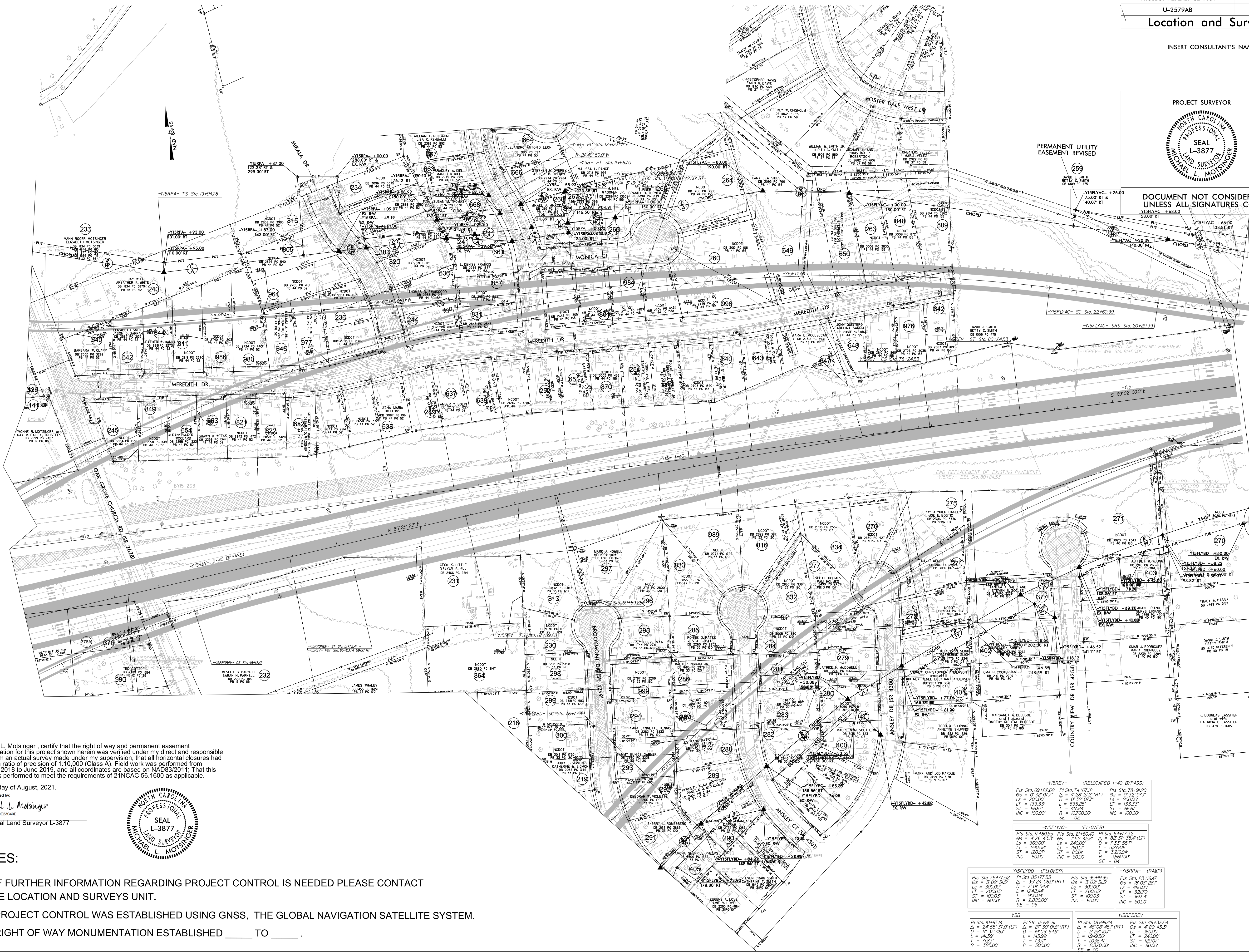
I, Michael L. Motsinger, certify that the right of way and permanent easement monumentation for this project shown herein was verified under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from December 2018 to June 2019, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 23rd day of August, 2021.
 DocuSigned by:
 Michael L. Motsinger
 Professional Land Surveyor L-3877





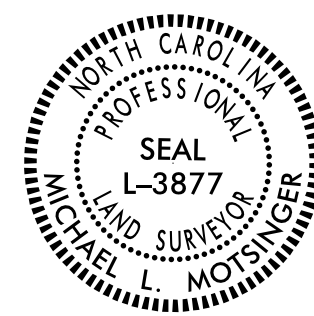
REVISIONS



I, Michael L. Motsinger, certify that the right of way and permanent easement monumentation for this project shown herein was verified 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 December 2018 to June 2019, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCA65.1600 as applicable.

This 23rd day of August, 2021.

DocuSigned by: Michael L. Motsinger, Professional Land Surveyor L-3877



NOTES:

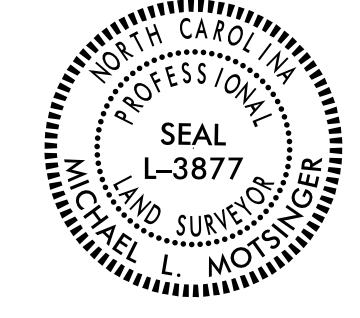
- 1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED TO

Table with 4 columns and 4 rows of survey data including stationing, bearings, distances, and curve information for various points like -YISREY- (RELOCATED I-40 BYPASS) and -YISFLYAC- (FLYOVER).

Location and Surveys

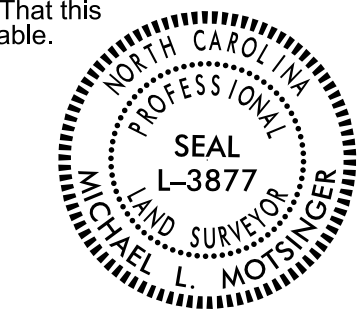
INSERT CONSULTANT'S NAME

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NCDOT DB 1640 PG 4584



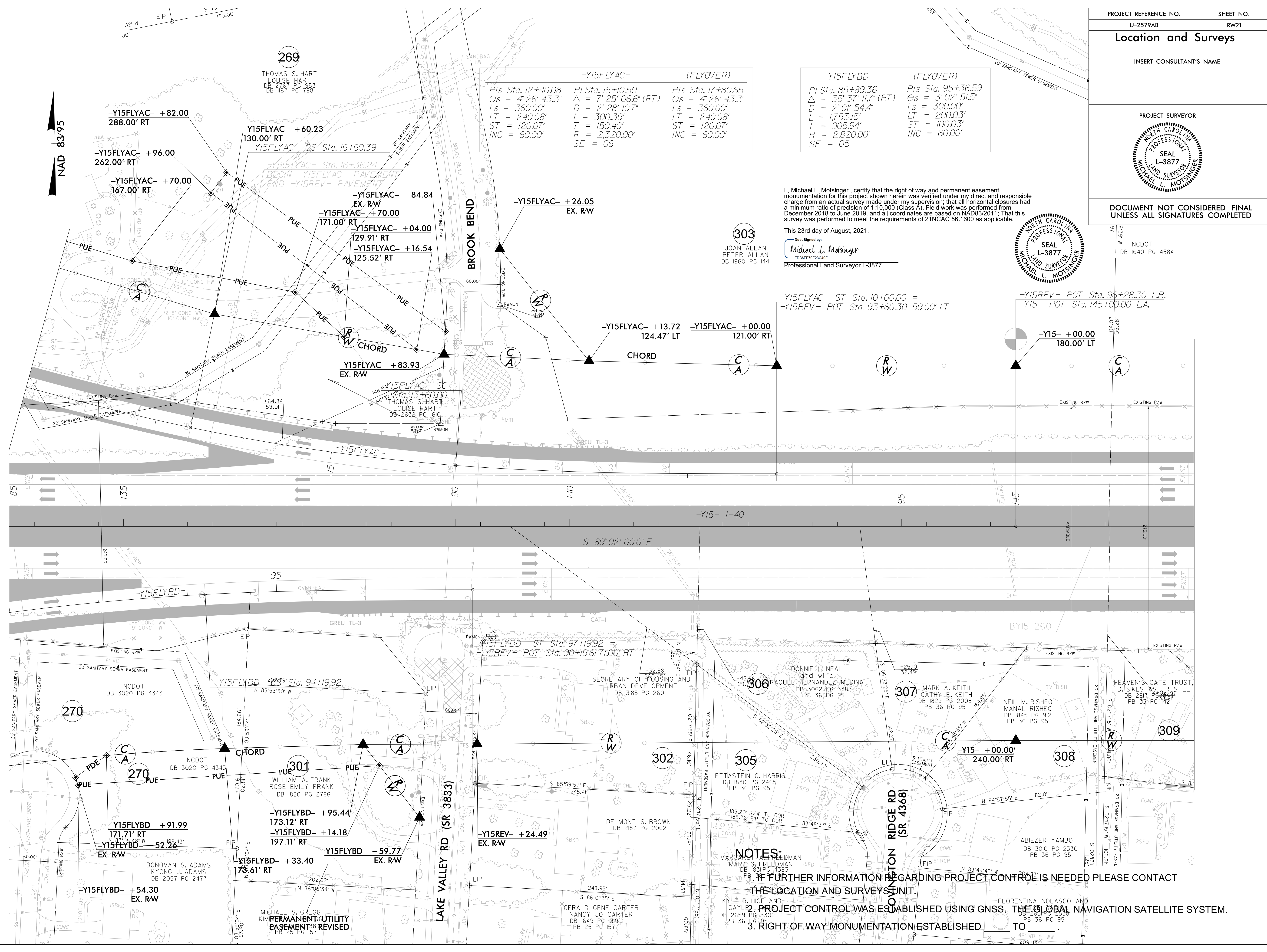
I, Michael L. Molsinger, certify that the right of way and permanent easement monumentation for this project shown herein was verified under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from December 2018 to June 2019, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NAC 56.1600 as applicable.

This 23rd day of August, 2021.

Michael L. Molsinger Professional Land Surveyor L-3877

-Y15FLYAC- (FLYOVER)	
Pls Sta. 12+40.08	Pls Sta. 15+10.50
$\Theta s = 4' 26' 43.3''$	$\Delta = 7' 25' 06.6'' (RT)$
$Ls = 360.00'$	$D = 2' 28' 10.7''$
$LT = 240.08'$	$L = 300.39'$
$T = 120.07'$	$LT = 240.08'$
$INC = 60.00'$	$ST = 120.07'$
	$R = 2,320.00'$
	$SE = 06$

-Y15FLYBD- (FLYOVER)	
Pls Sta. 85+89.36	Pls Sta. 95+36.59
$\Delta = 35' 37' 11.7'' (RT)$	$\Theta s = 3' 02' 51.5''$
$D = 2' 01' 54.4''$	$Ls = 300.00'$
$L = 1,753.15'$	$LT = 200.03'$
$T = 905.94'$	$ST = 100.03'$
$R = 2,820.00'$	$INC = 60.00'$
$SE = 05$	



- 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 TO

REVISIONS

3:ALUC-202118-42
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mmolsinger

PROJECT REFERENCE NO.	SHEET NO.
U-2579AB	RW22
Location and Surveys	
INSERT CONSULTANT'S NAME	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Michael L. Molsinger, certify that the right of way and permanent easement monumentation for this project shown herein was verified 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 December 2018 to June 2019, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

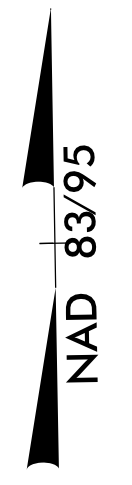
This 23rd day of August, 2021.

DocuSigned by:
Michael L. Molsinger
 Professional Land Surveyor L-3877

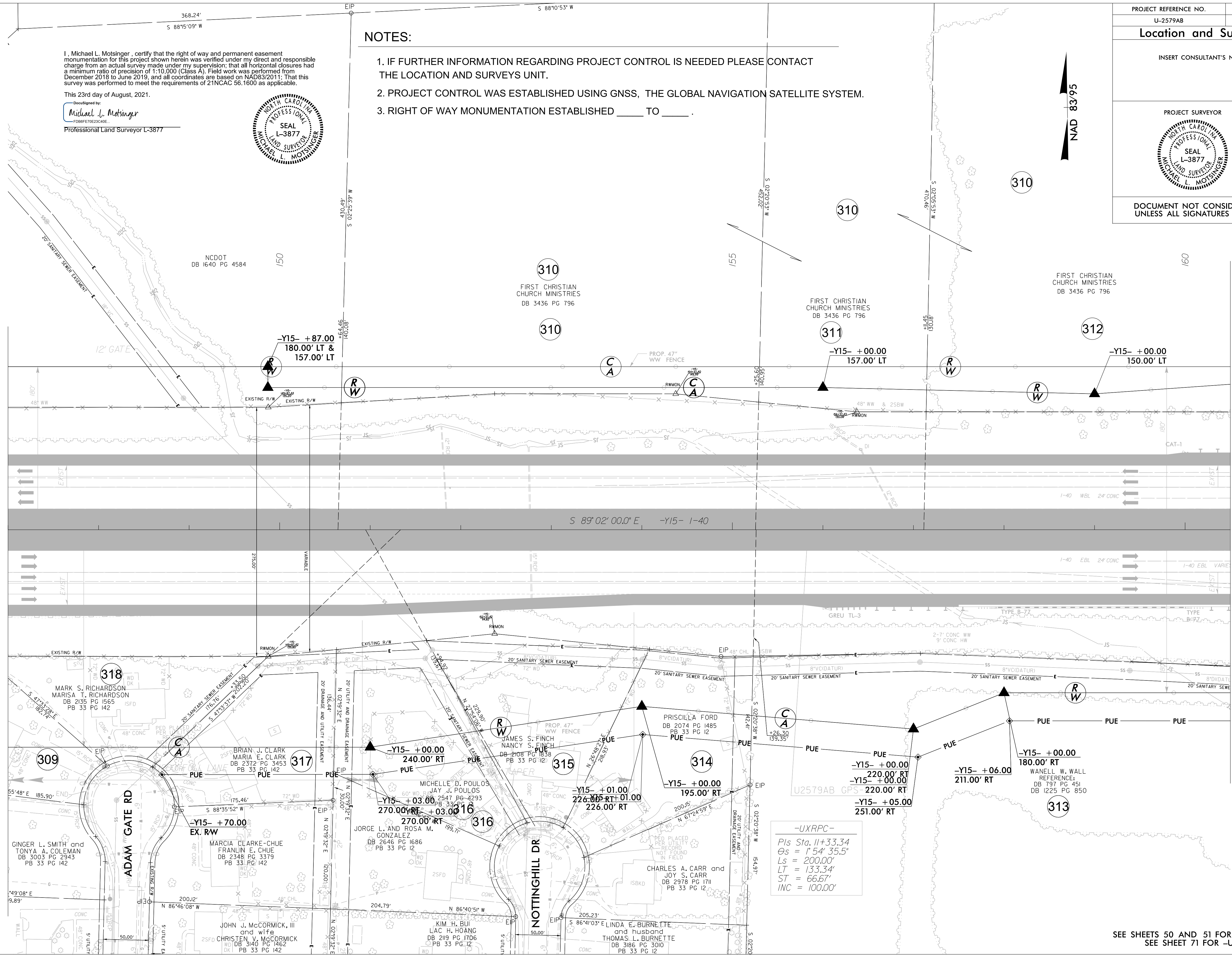


NOTES:

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 ____ TO ____.



REVISIONS




-UXRPC-
 Pls Sta. 11+33.34
 Os = 1.54' 35.5"
 Ls = 200.00'
 LT = 133.34'
 ST = 66.67'
 INC = 100.00'

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 mmolsinger

SEE SHEETS 50 AND 51 FOR -Y15- PROFILE
 SEE SHEET 71 FOR -UXRPC- PROFILE

NOTES:

PROJECT REFERENCE NO.	SHEET NO.
U-2579AB	RW23
Location and Surveys	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

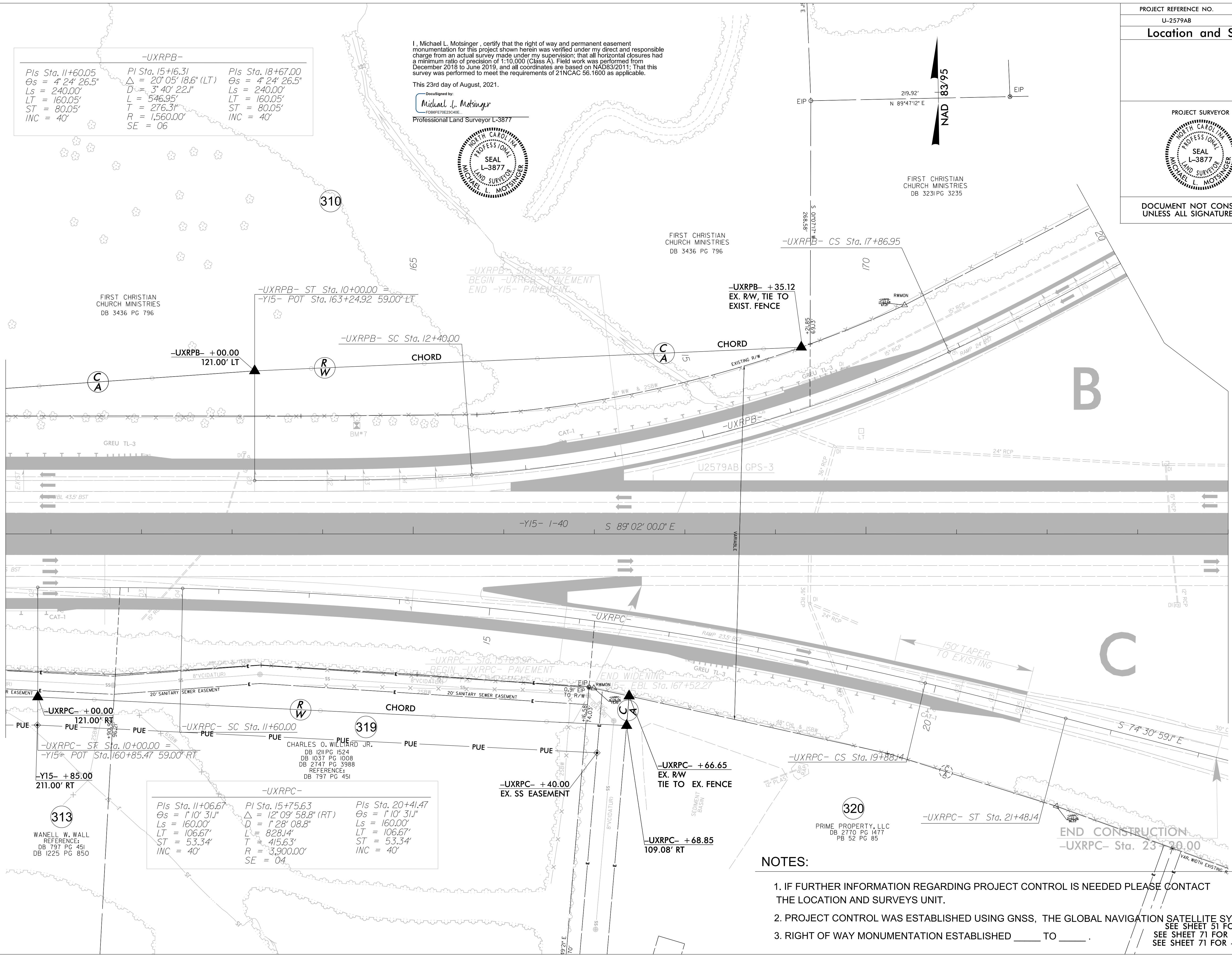
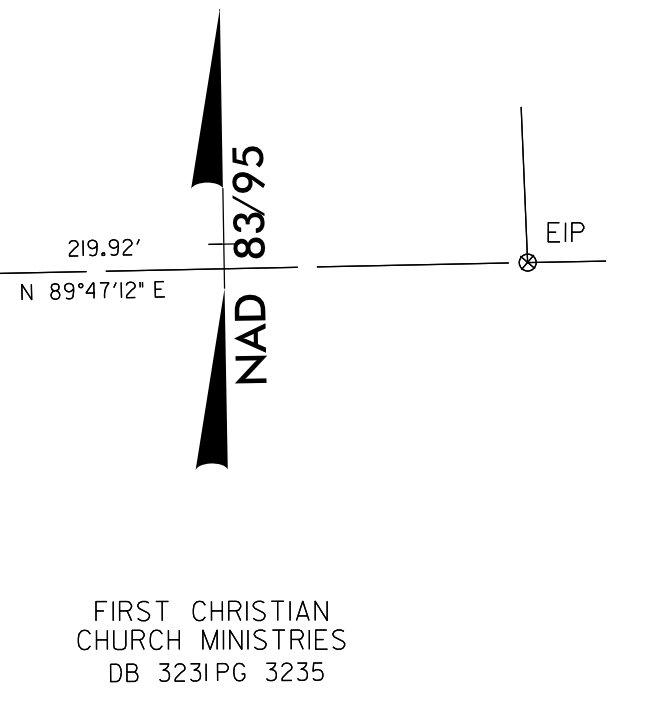
-UXRPB-

Pls Sta. 11+60.05 θs = 4° 24' 26.5" Ls = 240.00' LT = 160.05' ST = 80.05' INC = 40'	PI Sta. 15+16.31 Δ = 20° 05' 18.6" (LT) D = 3° 40' 22.1" L = 546.95' T = 276.3' R = 1,560.00' SE = 06	Pls Sta. 18+67.00 θs = 4° 24' 26.5" Ls = 240.00' LT = 160.05' ST = 80.05' INC = 40'
--	---	--

I, Michael L. Molsinger, certify that the right of way and permanent easement monumentation for this project shown herein was verified 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 December 2018 to June 2019, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 23rd day of August, 2021.

DocuSigned by:
Michael L. Molsinger
Professional Land Surveyor L-3877



-UXRPC-

Pls Sta. 11+06.67 θs = 1° 10' 31.1" Ls = 160.00' LT = 106.67' ST = 53.34' INC = 40'	PI Sta. 15+75.63 Δ = 12° 09' 58.8" (RT) D = 1° 28' 08.8" L = 828.14' T = 415.63' R = 3,900.00' SE = 04	Pls Sta. 20+41.47 θs = 1° 10' 31.1" Ls = 160.00' LT = 106.67' ST = 53.34' INC = 40'
--	--	--

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. NOTES: SEE SHEET 51 FOR -Y15- PROFILE SEE SHEET 71 FOR -UXRPB- PROFILE SEE SHEET 71 FOR -UXRPC- PROFILE
3. RIGHT OF WAY MONUMENTATION ESTABLISHED ____ TO ____.

REVISIONS

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 mmolsinger

Location and Surveys

INSERT CONSULTANT'S NAME

PROJECT SURVEYOR

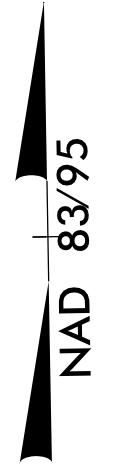


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

185

-UXRPB-

Pls Sta. 21+87.40	PI Sta. 23+31.39
$\theta_s = 13^\circ 16' 23.4''$	$\Delta = 14^\circ 10' 53.1''$ (RT)
$L_s = 240.00'$	$D = 11^\circ 03' 39.5''$
$LT = 160.45'$	$L = 128.21'$
$ST = 80.41'$	$T = 64.43'$
$INC = 40'$	$R = 518.00'$
	$SE = 06$



CONSTRUCTED UNDER TIP PROJECT U-4909

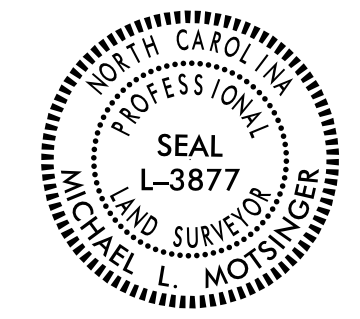
S 89° 02' 00.0" E

-Y15- 1-40

I, Michael L. Molsinger, certify that the right of way and permanent easement monumentation for this project shown herein was verified 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 December 2018 to June 2019, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 23rd day of August, 2021.

DocuSigned by:
Michael L. Molsinger
F086F7E23C4E
Professional Land Surveyor L-3877



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 ____ TO ____.

6/2/199

REVISIONS

S:\JUG-2018\083\Winston\CLTs Computer\Urban\2579ab\Right of Way\RW Ctl Sheets 2020\Julie\to be checked\U-2579ab.ls_rw24.dgn
 AT 11:53:2556
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 Winston, CLTs Computer\Urban\2579ab\Right of Way\RW Ctl Sheets 2020\Julie\to be checked\U-2579ab.ls_rw24.dgn

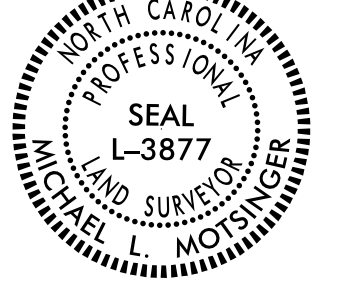
CRACKER BARREL OLD COUNTRY STORE, INC.
DB 3037 PG 1287

GLENN CROSSING ASSOCIATES, LLC
DB 2770 PG 1473
PB 52 PG 85

Location and Surveys

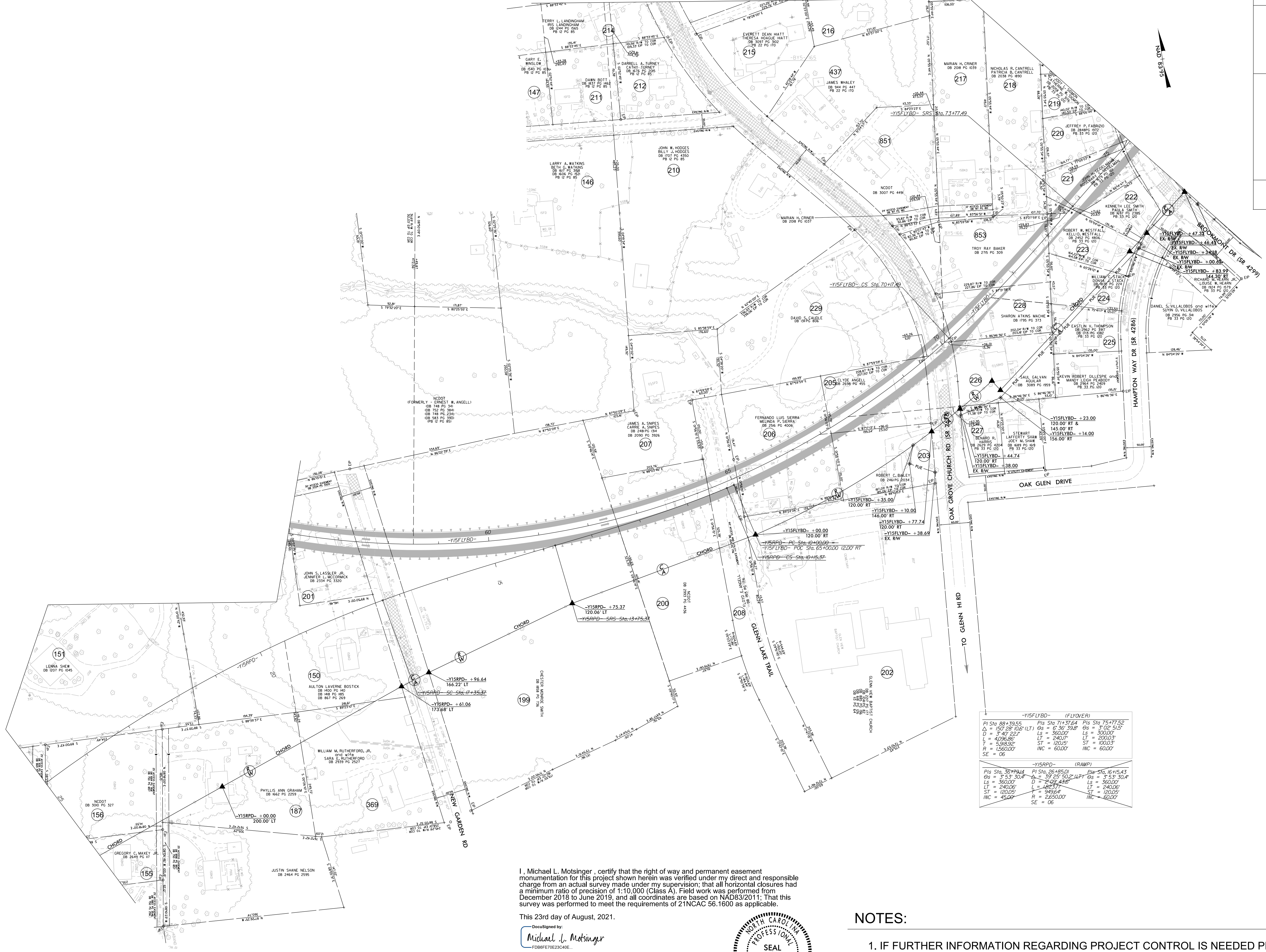
INSERT CONSULTANT'S NAME

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

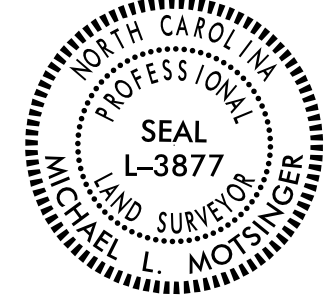
REVISIONS



-YISFLYBD- (FLYOVER)		
PI Sta. 88+39.55	PI Sta. 71+31.64	PI Sta. 75+72.52
A = 157.28° 02' LT	Δ = 6° 36' 35.8"	Δ = 3° 02' 51.0"
D = 3° 40' 22.7"	Ls = 360.00'	Ls = 3000.00'
L = 409.86'	LT = 240.00'	LT = 2000.00'
T = 5.98.32'	ST = 120.15'	ST = 1000.00'
R = 1560.00'	INC = 60.00°	INC = 60.00°
SE = 06		
-YISRPD- (RAMP)		
PI Sta. 36+19.14	PI Sta. 26+85.01	PI Sta. 16+15.43
Δ = 3° 53' 30.4"	Δ = 39° 25' 50.2" LT	Δ = 3° 53' 30.4"
Ls = 360.00'	D = 252.44'	Ls = 360.00'
LT = 240.00'	L = 125.37'	LT = 240.00'
ST = 120.00'	T = 99.95'	ST = 120.00'
INC = 45.00°	R = 2650.00'	INC = 60.00°
SE = 06		


I, Michael L. Molsinger, certify that the right of way and permanent easement monumentation for this project shown herein was verified 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 December 2018 to June 2019, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 23rd day of August, 2021.
 DocuSigned by:
 Michael L. Molsinger
 F0B8FE7E23C4DE...
 Professional Land Surveyor L-3877



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 _____ TO _____.

PROJECT REFERENCE NO.	SHEET NO.
U-2579AB	RW26
Location and Surveys	
INSERT CONSULTANT'S NAME	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

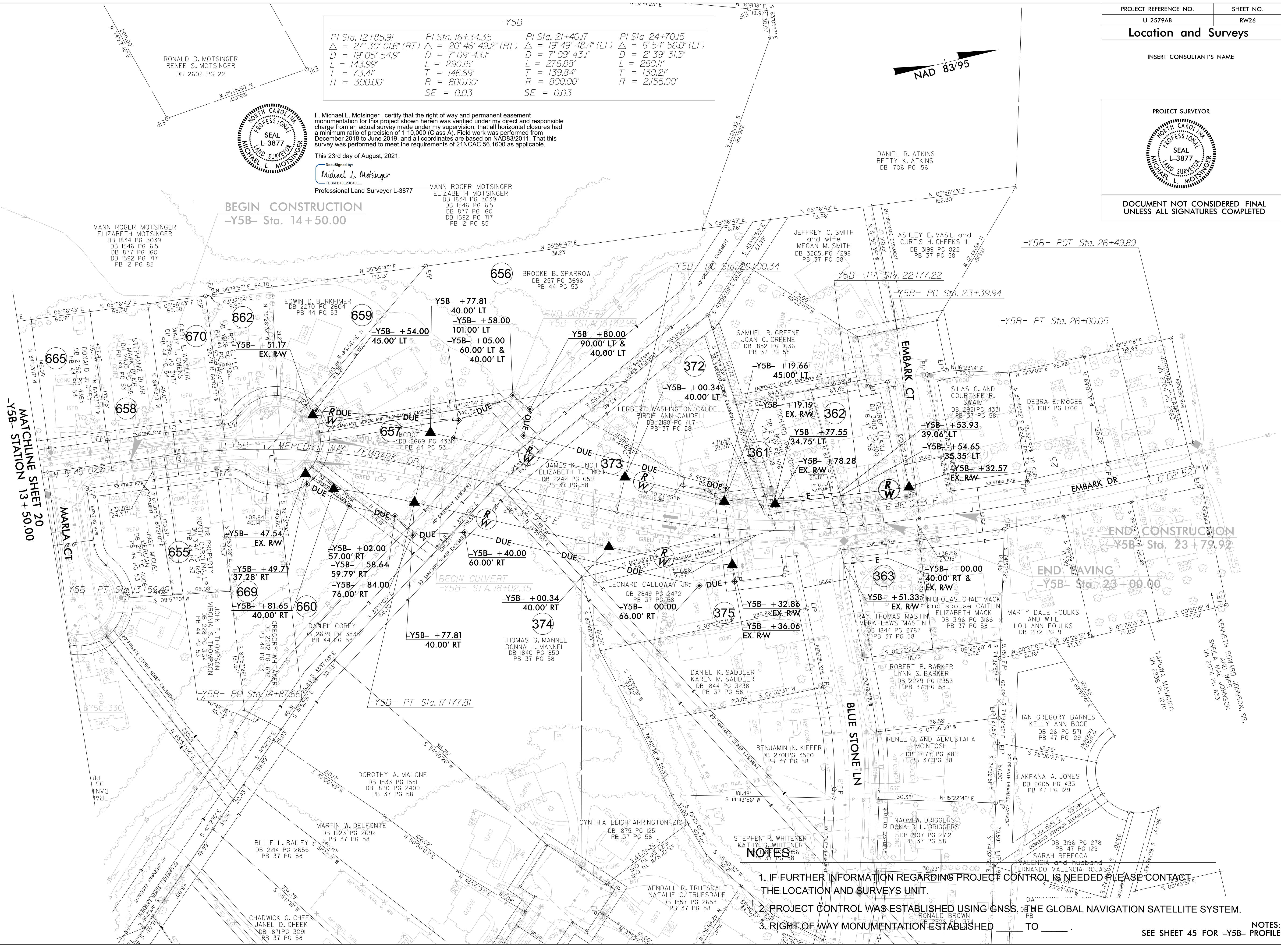
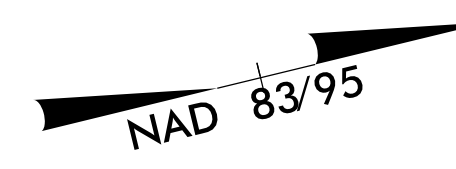
-Y5B-			
PI Sta. 12+85.91 Δ = 27° 30' 01.6" (RT) D = 19' 05" 54.9" L = 143.99' T = 7.341' R = 300.00'	PI Sta. 16+34.35 Δ = 20° 46' 49.2" (RT) D = 7' 09" 43.1" L = 290.15' T = 146.69' R = 800.00' SE = 0.03	PI Sta. 21+40.17 Δ = 19° 49' 48.4" (LT) D = 7' 09" 43.1" L = 276.88' T = 139.84' R = 800.00' SE = 0.03	PI Sta. 24+70.15 Δ = 6' 54" 56.0" (LT) D = 2' 39" 31.5" L = 260.11' T = 130.21' R = 2,155.00'

I, Michael L. Mottsinger, certify that the right of way and permanent easement monumentation for this project shown herein was verified 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 December 2018 to June 2019, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 23rd day of August, 2021.

DocuSigned by:
Michael L. Mottsinger
Professional Land Surveyor L-3877

VANN ROGER MOTTSINGER
ELIZABETH MOTTSINGER
DB 1834 PG 3039
DB 1546 PG 615
DB 877 PG 160
DB 1592 PG 717
PB 12 PG 85



NOTES:

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

SEE SHEET 45 FOR -Y5B- PROFILE

REVISIONS

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mmottsinger

Location and Surveys

INSERT CONSULTANT'S NAME

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Michael L. Motsinger, certify that the right of way and permanent easement monumentation for this project shown herein was verified 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 December 2016 to June 2019, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 23rd day of August, 2021.

Designed by:

Michael L. Motsinger

Professional Land Surveyor L-3877



110

TERRY W. MOTSINGER and wife ELLEN R. MOTSINGER DB 3096 PG 1843 DB 2039 PG 1029 DB 559 PG 154

-Y8-	
PI Sta. 12+02.11	PI Sta. 13+35.80
$\Delta = 15^{\circ} 50' 31.1''$ (LT)	$\Delta = 22^{\circ} 26' 27.9''$ (RT)
$D = 10^{\circ} 36' 37.2''$	$D = 19^{\circ} 05' 54.9''$
$L = 149.31'$	$L = 117.50'$
$T = 75.13'$	$T = 59.51'$
$R = 540.00'$	$R = 300.00'$
SE = EXIST.	SE = EXIST.

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 _____ TO _____.

REVISIONS

01 SEP 2021 09:27 C:\Mike\work\U-2579AB\U-2579AB.Ls.rw27.dgn mmotsinger

