

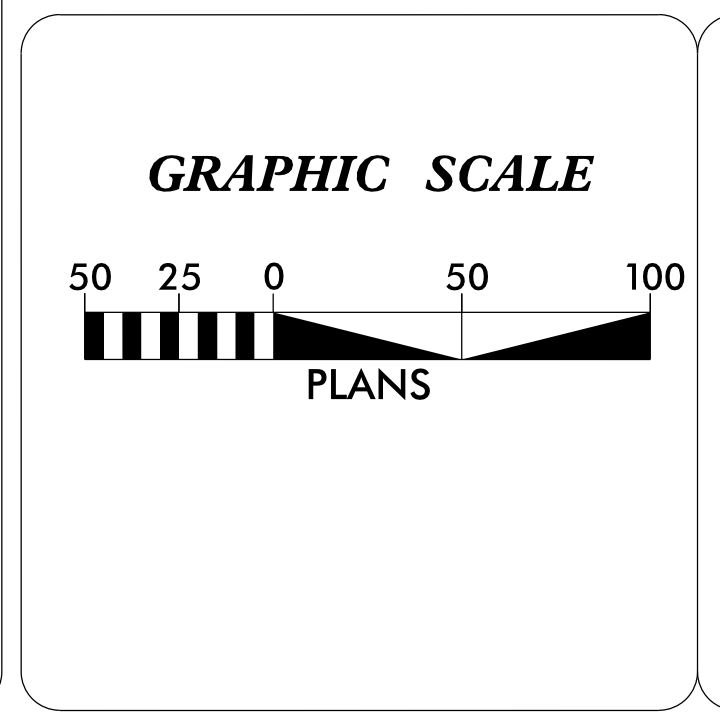
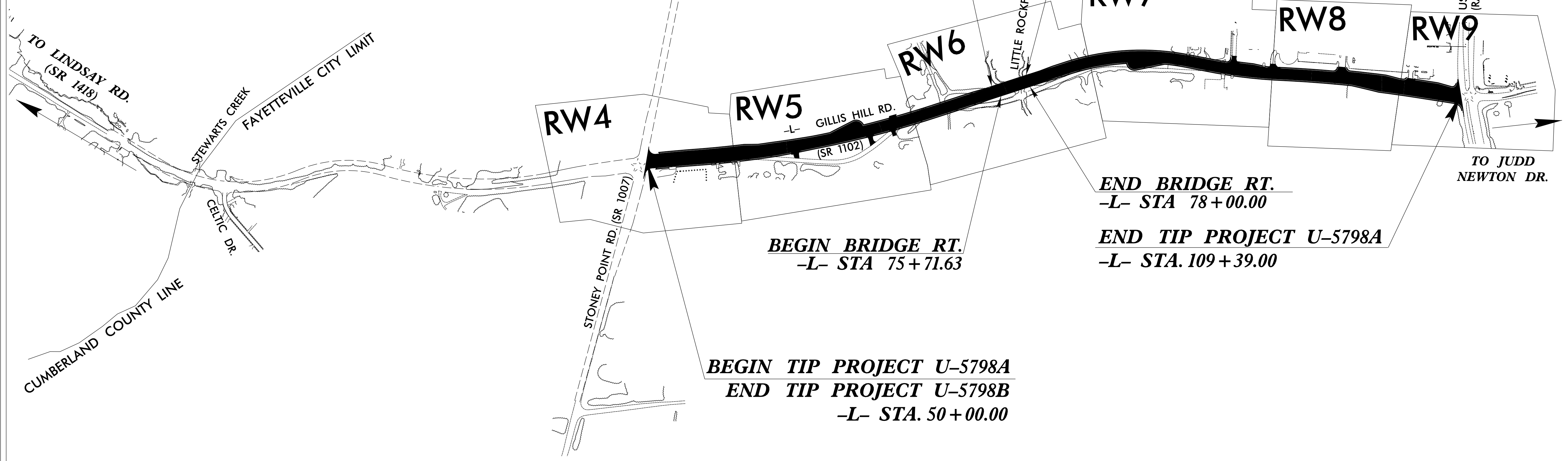
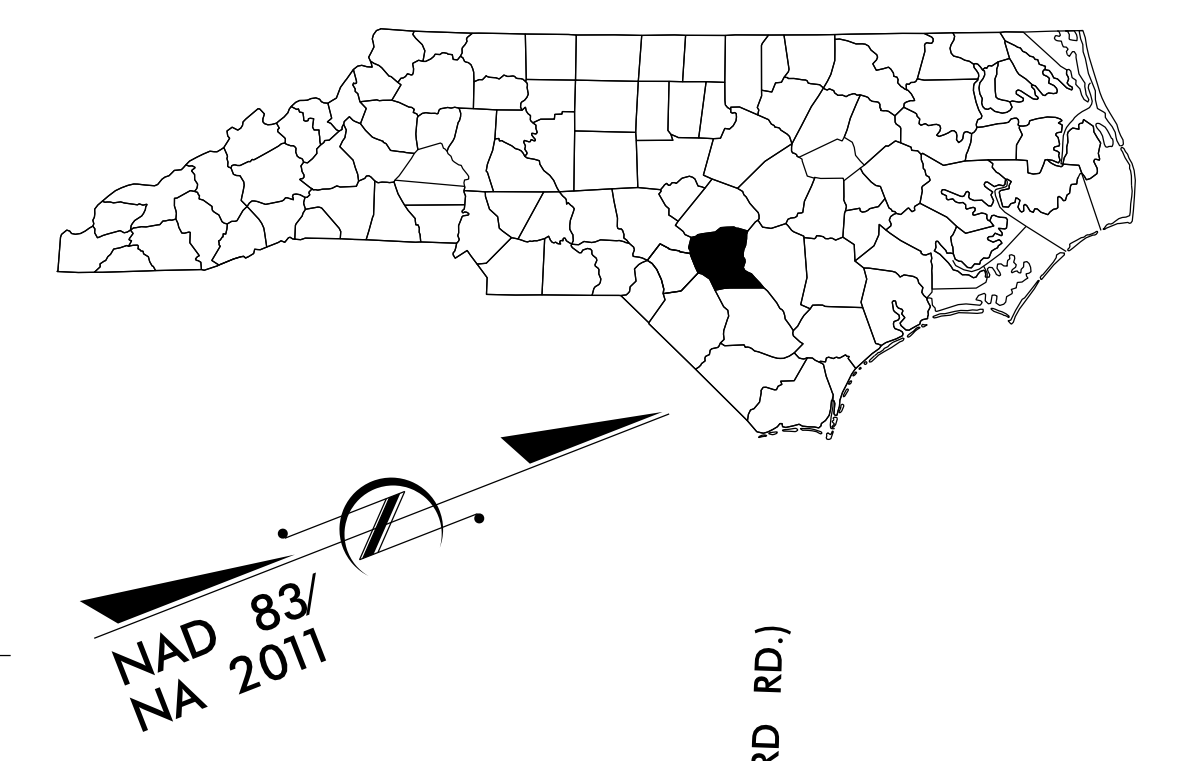
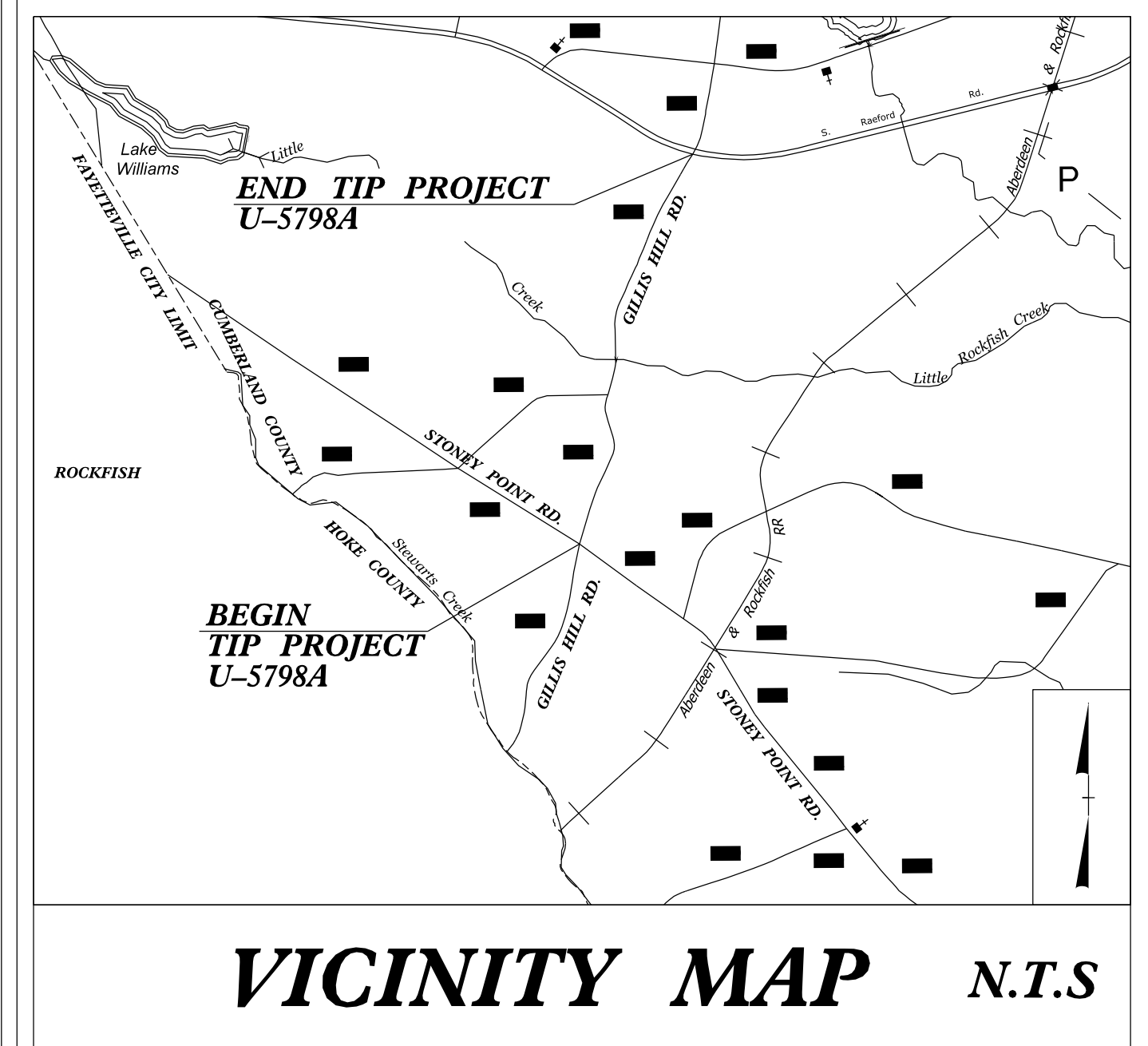
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5798A	RW01	14

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SURVEY CONTROL, EXISTING CENTERLINES,
RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

CUMBERLAND COUNTY

TIP PROJECT: U-5798A



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "U-5857-6" WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF NORTHING: 458,178.679(ft) EASTING: 1,977,104.085(ft) ELEVATION: 230.06(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999881714

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BL-197" TO -L- STATION 50+00.00 IS N 09-25'21" E 1,015.78(ft)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88/GEOID 12NC

Prepared in the Office of:
**DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE
4834 US HWY 301 S
HOPE MILLS, NC 28348**

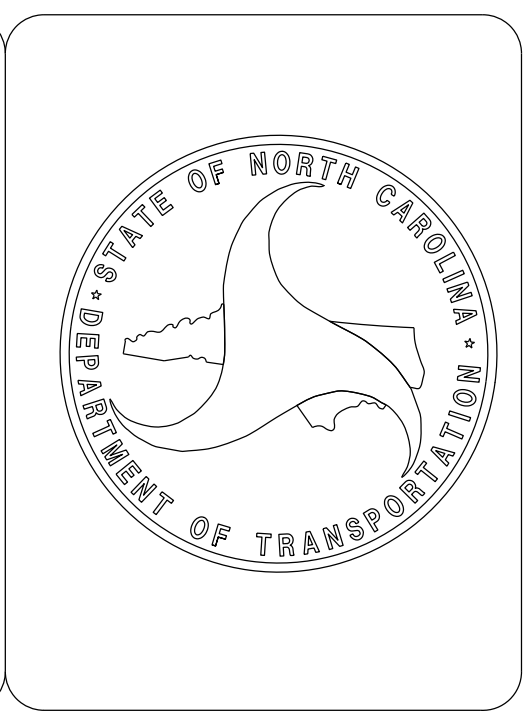
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: 03/30/2020
LETTING DATE: 03/15/2022

PROFESSIONAL LAND SURVEYOR

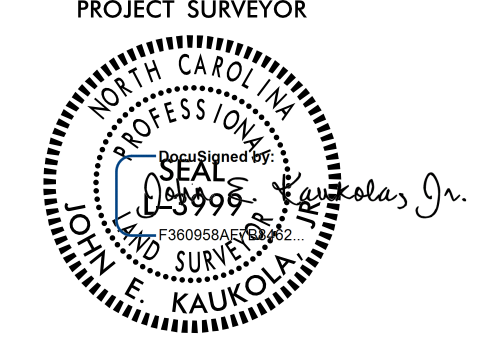
DocuSigned by:
John E. Kankolas Jr.
SIGNATURE: _____

Date: _____



SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION


PROJECT REFERENCE NO. U-5798A	SHEET NO. RW02C-1
Location and Surveys	
DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, John E. Kaukola, Jr., PLS, certify that the Project Control was verified under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: RTN
 Dates of survey: July 1, 2017
 Datum/Epoch: NAD83/NA2011
 Published/Fixed-control use: N/A
 Localized around: U-5857-6
 Northing: 458178.679
 Easting: 1977104.085
 Combined grid factor: 0.999881714
 Geoid model: G12NC
 Units: US Survey Feet

I also certify that the Baseline Control for this project 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 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from 07/01/2017 to 09/06/2017, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 28 day of October, 2021.

DocuSigned by:

 Professional Land Surveyor L-3999



MATCHLINE RW02C-2



NOTES:

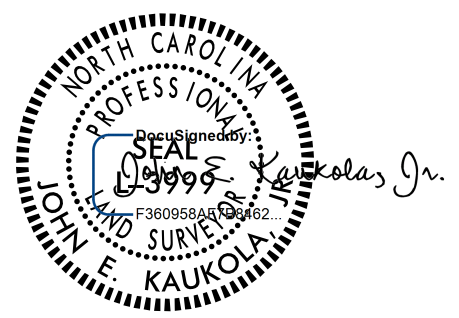
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

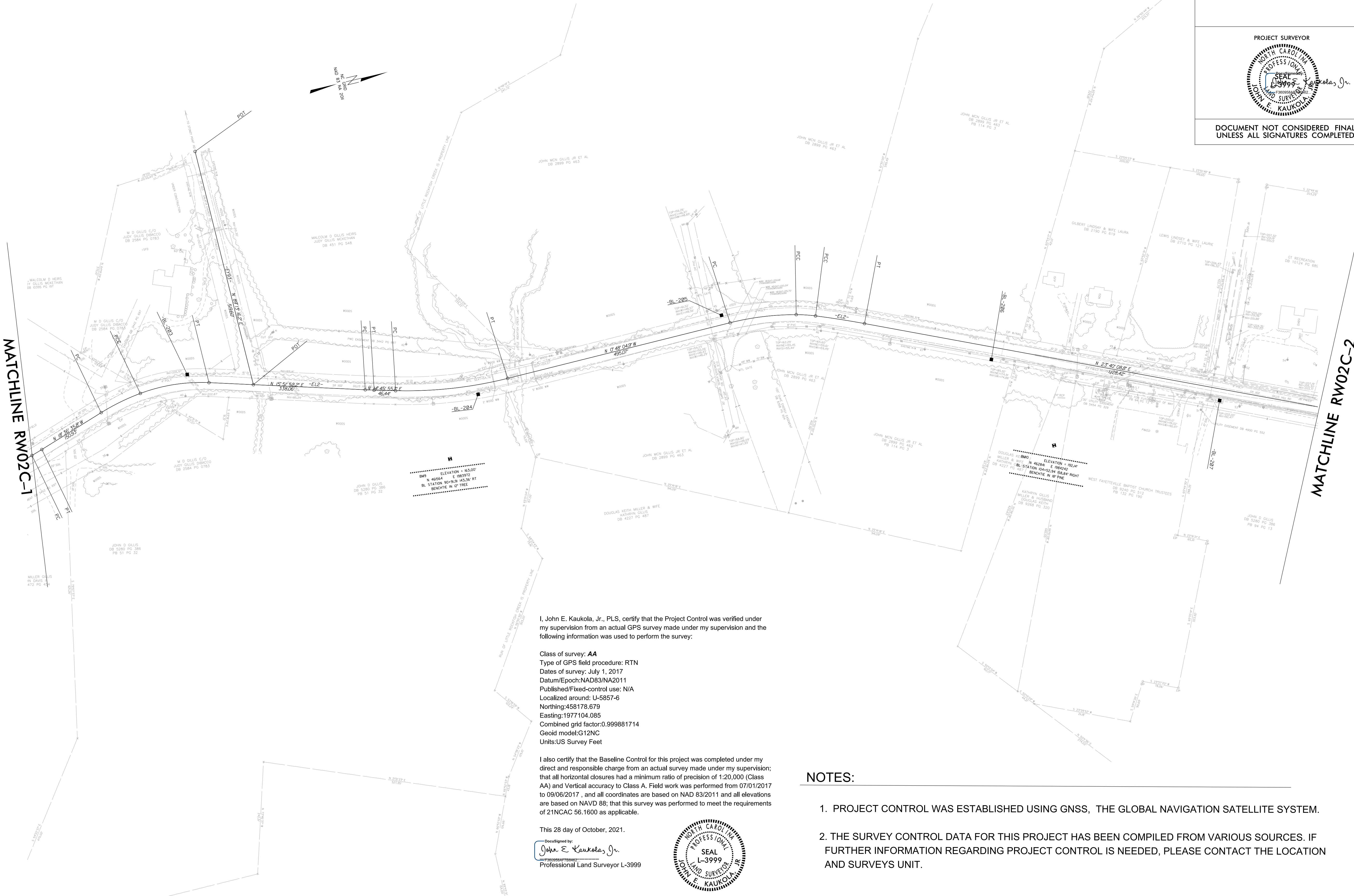
REVISIONS

25-OCT-2021 10:38 AM
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 AT DIV06-312634

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. U-5798A	SHEET NO. RW02C-2
Location and Surveys	
DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



REVISIONS

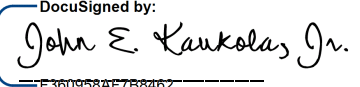
MATCHLINE RW02C-1

MATCHLINE RW02C-2

I, John E. Kaukola, Jr., PLS, certify that the Project Control was verified under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: RTN
 Dates of survey: July 1, 2017
 Datum/Epoch: NAD83/NA2011
 Published/Fixed-control use: N/A
 Localized around: U-5857-6
 Northing: 458178.679
 Easting: 1977104.085
 Combined grid factor: 0.999881714
 Geoid model: G12NC
 Units: US Survey Feet

I also certify that the Baseline Control for this project 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 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from 07/01/2017 to 09/06/2017, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 28 day of October, 2021.
 Signed by:

 Professional Land Surveyor L-3999



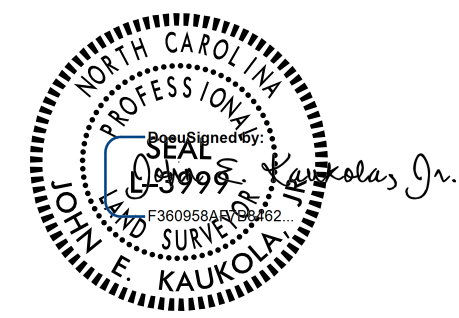
NOTES:

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.

25-OCT-2021 09:51
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 cmlackmon AT DIV06-312634

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

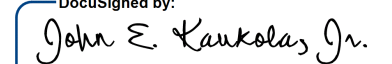
PROJECT REFERENCE NO. U-5798A	SHEET NO. RW02C-3
Location and Surveys	
DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, John E. Kaukola, Jr., PLS, certify that the Project Control was verified under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: RTN
 Dates of survey: July 1, 2017
 Datum/Epoch: NAD83/NA2011
 Published/Fixed-control use: N/A
 Localized around: U-5756-6
 Northing: 458178.679
 Easting: 1977104.679
 Combined grid factor: 0.999881714
 Geoid model: G12NC
 Units: US Survey Feet

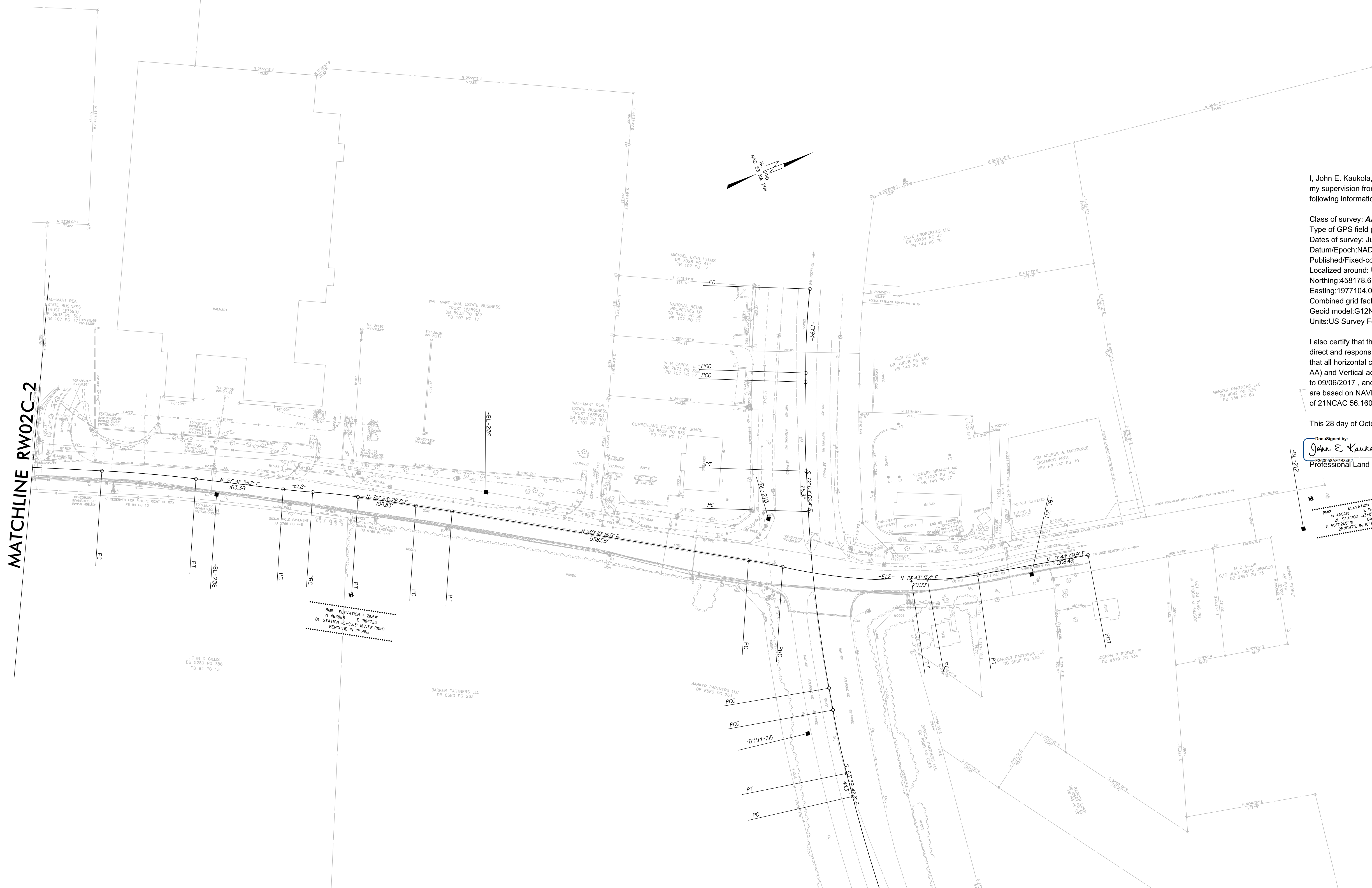
I also certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from 07/01/2017 to 09/06/2017, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 28 day of October, 2021.

Documented by:

 John E. Kaukola, Jr.
 Professional Land Surveyor L-3999



B.M. ELEVATION: 265.83
 N 455.68' E 88.92'
 BL STATION 135+88.20
 N 55°12'24" W 204.51'
 BENCHMARK IN OP.PINE



MATCHLINE RW02C-2

REVISIONS

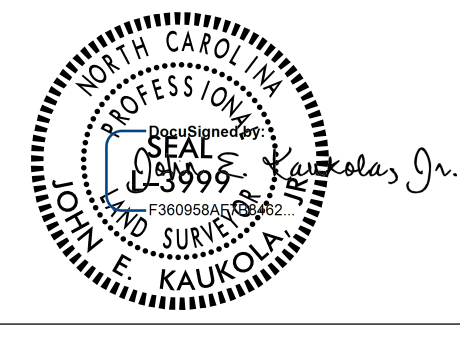
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NOTES:

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. U-5798A	SHEET NO. RW02C-4
Location and Surveys	
DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
82		BL - 82	454196.1480	1980334.4660	230.16
190		BL - 190	454698.5150	1980682.0030	227.72
191		BL - 191	455079.4680	1981053.1330	209.38
192		BL - 192	455452.4800	1981554.2010	196.84
193		BL - 193	455799.8330	1982072.6580	183.02
194		BL - 194	456414.9090	1982479.3270	204.83
195		BL - 195	456997.8250	1982575.0120	218.89
196		BL - 196	457442.5190	1982848.8680	219.23
197		BL - 197	458056.3140	1983134.2730	221.73
198		BL - 198	458590.8040	1983256.2920	222.56
199		BL - 199	459056.0260	1983348.2050	222.78
200		BL - 200	459614.7590	1983505.4820	220.53
201		BL - 201	460045.2490	1983687.2490	215.08
202		BL - 202	460610.6020	1983762.2920	219.92
203		BL - 203	461053.4270	1983663.6340	208.87
204		BL - 204	461655.4660	1983849.5950	157.31
205		BL - 205	462206.3350	1983803.7550	159.25
206		BL - 206	462752.0400	1984030.4040	184.47
207		BL - 207	463211.7850	1984229.6190	202.11
208		BL - 208	463720.1870	1984461.8200	211.26
209		BL - 209	464189.9570	1984635.8340	216.55
210		BL - 210	464663.3270	1984868.5990	223.57
211		BL - 211	465083.9060	1985139.2310	216.98
212		BL - 212	465586.5550	1985239.5610	207.18

U5707_BY_ADD	POINT	DESC.	NORTH	EAST	ELEVATION
390		U5707 390	454863.4464	1980890.3288	217.69
391		U5707 391	454668.1428	1981227.3990	217.63

BY90	POINT	DESC.	NORTH	EAST	ELEVATION
390		U5707 390	454863.4464	1980890.3288	217.69
391		U5707 391	454668.1428	1981227.3990	217.63

BY92	POINT	DESC.	NORTH	EAST	ELEVATION
213		EY92-213	459373.2610	1982787.7770	221.10
A199		U5798	459056.0260	1983348.2050	222.78
214		EY92-214	458614.2650	1983818.2430	221.38

BY94	POINT	DESC.	NORTH	EAST	ELEVATION
14			465702.7330	1983142.4540	222.63
13			465202.1280	1983974.5790	224.95
A210			464663.3270	1984868.5990	223.57
215		EY94-215	464589.7930	1985267.8130	217.78

 BM4 ELEVATION = 215.33
 N 454889 E 1981134
 BENCHTIE IN 15" OAK

 BM5 ELEVATION = 201.80
 N 456520 E 1982313
 BENCHTIE IN 7" PINE

 BM6 ELEVATION = 220.53
 N 457077 E 1982421
 BENCHTIE IN 10" PINE

 BM7 ELEVATION = 225.50
 N 458479 E 1983029
 BENCHTIE IN 16" OAK

 BM8 ELEVATION = 216.02
 N 460221 E 1983941
 BENCHTIE IN 36" S. GUM

I, John E. Kaukola, Jr., PLS, certify that the Project Control was verified under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: RTN
 Dates of survey: July 1, 2017
 Datum/Epoch: NAD83/NA2011
 Published/Fixed-control use: N/A
 Localized around: U-5756-6
 Northing: 458178.679
 Easting: 1977104.085
 Combined grid factor: 0.999881714
 Geoid model: G12NC
 Units: US Survey Feet

I also certify that the Baseline Control for this project 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 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from 07/01/2017 to 09/06/2017, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 28 day of October, 2021.

DocuSigned by:
 John E. Kaukola, Jr.
 Professional Land Surveyor L-3999



 BM9 ELEVATION = 163.00
 N 461564 E 1983972
 BENCHTIE IN 12" TREE

 BM10 ELEVATION = 192.14
 N 462841 E 1984242
 BENCHTIE IN 18" PINE

 BM11 ELEVATION = 211.54
 N 463888 E 1984725
 BENCHTIE IN 12" PINE

 BM12 ELEVATION = 210.83
 N 465619 E 1985192
 BENCHTIE IN 10" PINE

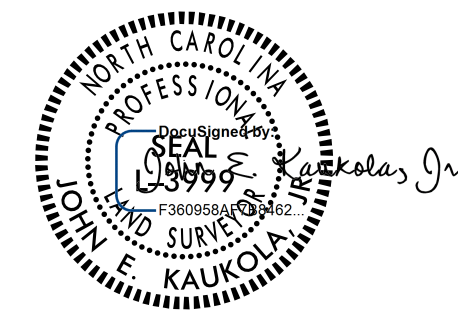
NOTES:

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REVISIONS

25-OCT-2021 10:03 AM
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 AT DIV06-312634

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. U-5798A	SHEET NO. RW02D-1
Location and Surveys	
DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

DDE 1

TYPE	STATION	NORTH	EAST
POT	0+00.00	461638.7060	1983757.9387
POT	0+64.74	461703.4176	1983756.1334

DDE 2

TYPE	STATION	NORTH	EAST
POT	0+00.00	461629.9807	1983809.2699
POT	0+86.33	461709.1899	1983774.9467

DDE 3

TYPE	STATION	NORTH	EAST
POT	0+00.00	461679.8488	1983846.8850
POT	0+70.45	461709.4866	1983782.9766

DETOUR

TYPE	STATION	NORTH	EAST
POT	10+00.00	460710.7003	1983749.5160
PC	10+37.59	460746.3202	1983737.5217
PT	11+79.57	460886.1889	1983718.7452
PC	13+69.90	461076.2001	1983729.7617
PT	17+21.54	461422.8889	1983784.9312
POT	17+84.02	461483.3015	1983800.8539

HPR 2

TYPE	STATION	NORTH	EAST
POT	0+00.00	455731.0094	1981836.9579
POT	2+51.35	455889.1224	1982032.3503
POT	4+58.94	456040.0344	1982174.8967
POT	5+88.40	456145.5696	1982249.8798
POT	7+50.57	456285.3969	1982332.0158
POT	9+63.51	456480.2111	1982417.9744
POT	11+62.60	456676.8365	1982449.2346

Y 1

TYPE	STATION	NORTH	EAST
POT	10+00.00	456189.7374	1982364.1508
PC	10+38.08	456168.3795	1982395.6791
PT	12+25.44	456145.5032	1982574.8026
POT	12+96.93	456169.4378	1982642.1732

Y 2

TYPE	STATION	NORTH	EAST
POT	10+00.00	457979.7658	1984719.3880
PC	25+57.58	458902.4511	1983464.5182
PT	28+79.46	459084.6541	1983199.2345
POT	42+65.00	459831.9163	1982032.4752

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	455539.0889	1981696.9406
PC	14+31.98	455799.6593	1982041.4831
PRC	24+71.46	456700.8728	1982477.7035
PRC	30+92.24	457280.3962	1982665.5762
PRC	43+16.28	458391.0494	1983152.6568
PRC	53+58.38	459402.8474	1983399.4058
PT	70+87.52	461100.7076	1983704.2612
PC	80+91.68	462103.1799	1983762.3824
PT	89+60.59	462921.7759	1984025.0577
PC	91+43.64	463076.5565	1984122.7666
PRC	96+37.54	463511.8038	1984355.3019
PT	106+12.50	464379.5500	1984798.7361
PC	110+14.74	464727.3025	1985000.8994
PT	113+28.67	465020.0206	1985110.1048
POT	114+35.91	465125.3794	1985130.1025

I, John E. Kaukola, Jr., 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 28 day of October, 2021.

DocuSigned by:
John E. Kaukola, Jr.
Professional Land Surveyor L-3999

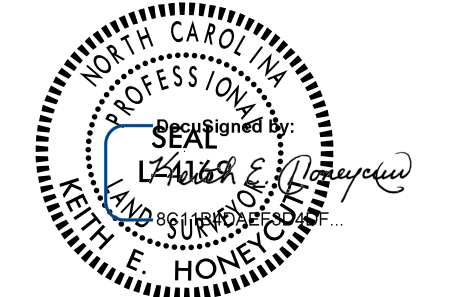


REVISIONS

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AT: DIV06-312634
cmbleekmon

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.

PROJECT REFERENCE NO.	SHEET NO.
U-5798A	RW4
Location and Surveys	
DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-L- CURVE DATA

PI Sta 48+37.98	PI Sta 62+27.11
$\Delta = 7^{\circ} 01' 28.2''$ (RT)	$\Delta = 13^{\circ} 43' 19.0''$ (LT)
$D = 0^{\circ} 40' 26.6''$	$D = 0^{\circ} 47' 36.9''$
$L = 1,042.10'$	$L = 1,729.14'$
$T = 521.71'$	$T = 868.73'$
$R = 8,500.00'$	$R = 7,220.00'$
SE = NC	SE = NC

U-5798B -L- PRC Sta. 43+16.28

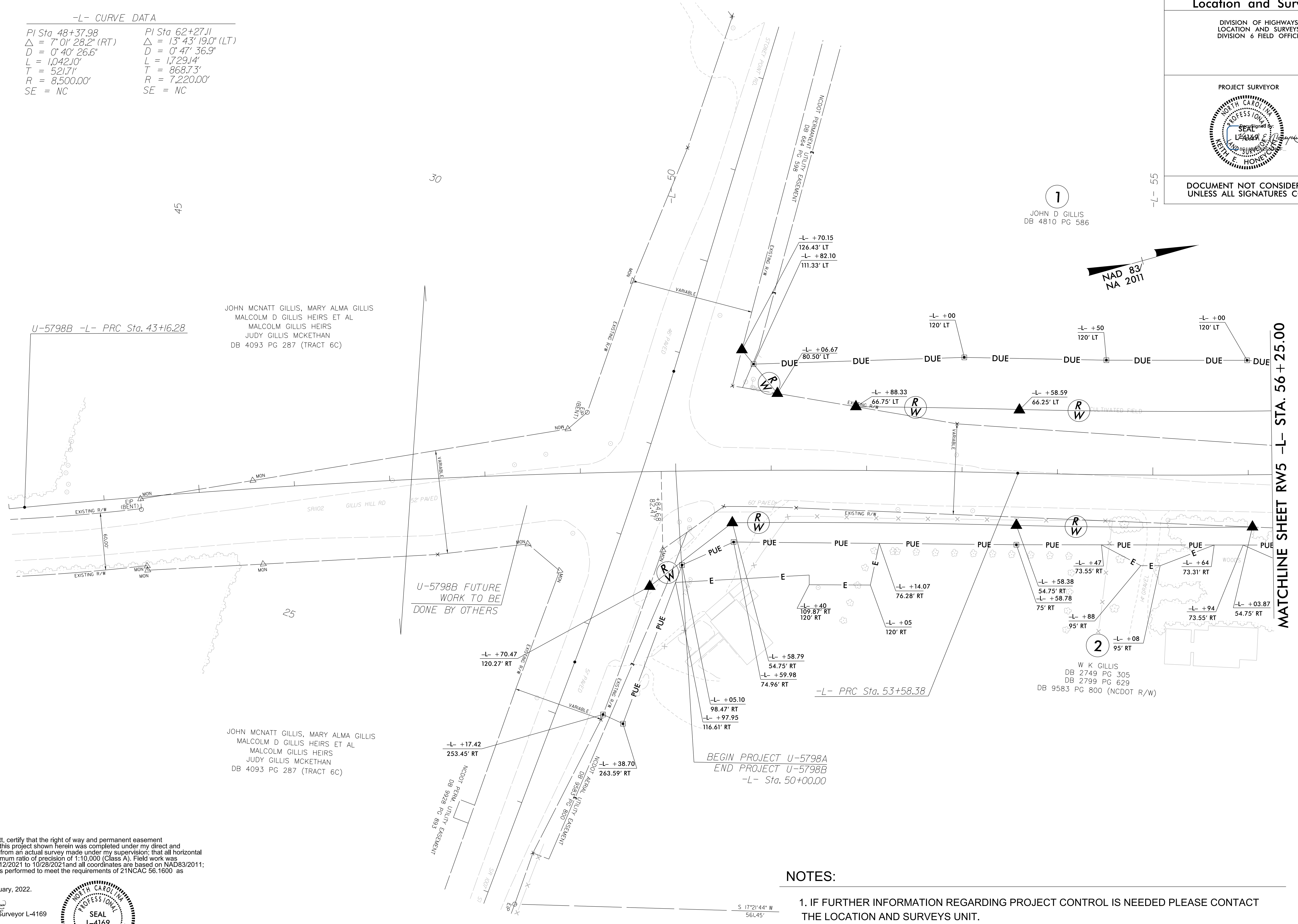
JOHN MCNATT GILLIS, MARY ALMA GILLIS
MALCOLM D GILLIS HEIRS ET AL
MALCOLM GILLIS HEIRS
JUDY GILLIS MCKETHAN
DB 4093 PG 287 (TRACT 6C)

JOHN MCNATT GILLIS, MARY ALMA GILLIS
MALCOLM D GILLIS HEIRS ET AL
MALCOLM GILLIS HEIRS
JUDY GILLIS MCKETHAN
DB 4093 PG 287 (TRACT 6C)

U-5798B FUTURE
WORK TO BE
DONE BY OTHERS

BEGIN PROJECT U-5798A
END PROJECT U-5798B
-L- Sta. 50+00.00

-L- PRC Sta. 53+58.38



REVISIONS

MATCHLINE SHEET RW5 -L- STA. 56 + 25.00

I, Keith E. Honeycutt, 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 10/12/2021 to 10/28/2021 and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 5th day of January, 2022.
Documented by:
Keith E. Honeycutt
Professional Land Surveyor L-4169



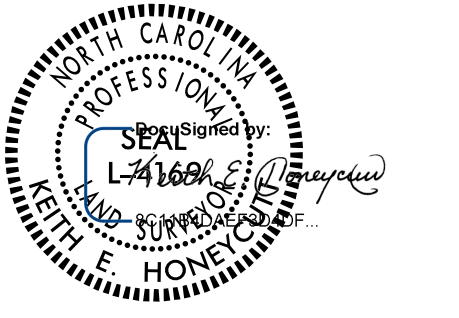
NOTES:

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 10/12/2021 TO 10/28/2021.

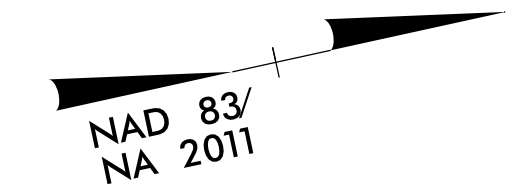
Location and Surveys

DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE

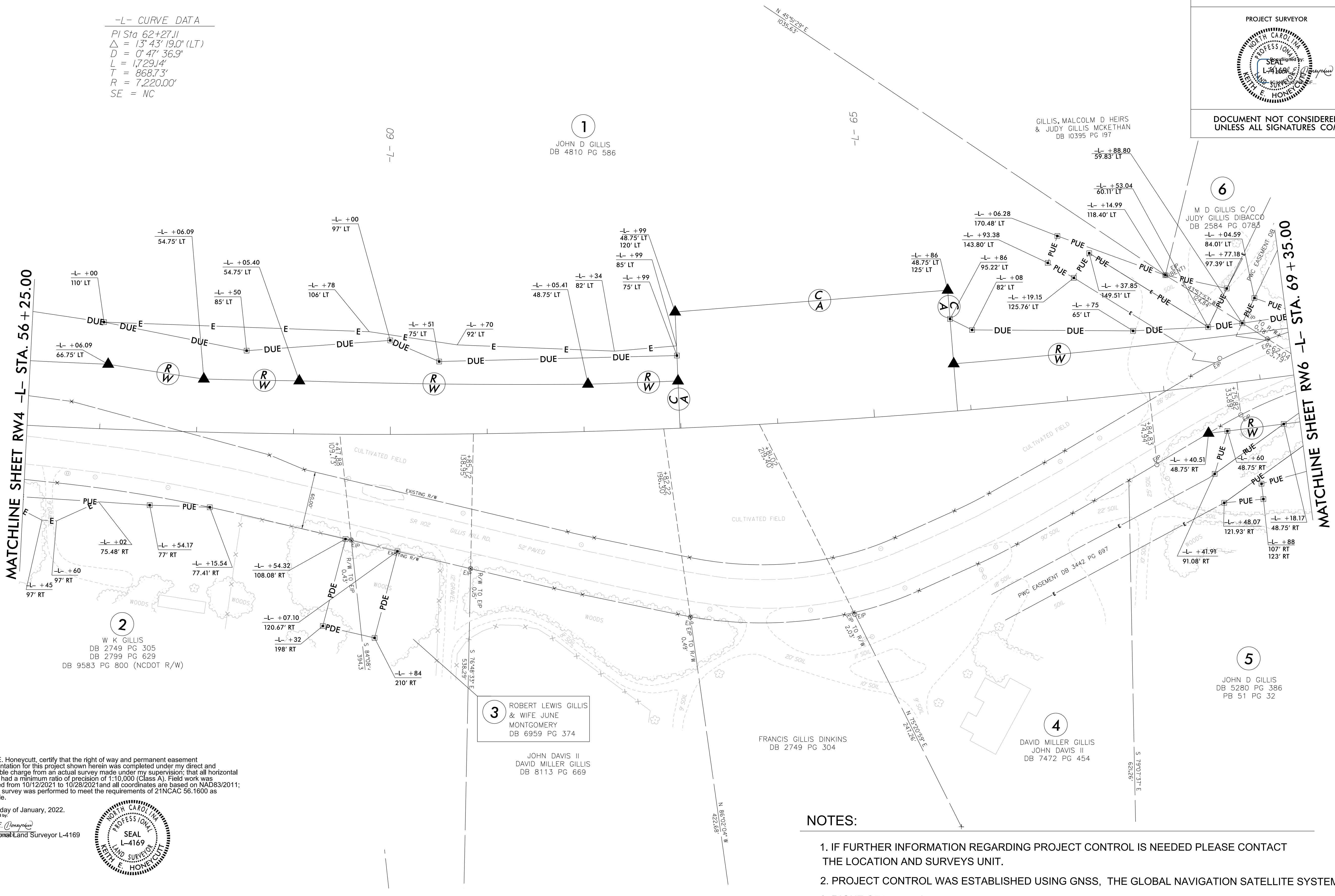
PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



-L- CURVE DATA
PI Sta 62+27.11
Δ = 13° 43' 19.0" (LT)
D = 0' 47' 36.9"
L = 1,729.14'
T = 888.73'
R = 7,220.00'
SE = NC



REVISIONS

MATCHLINE SHEET RW4 -L- STA. 56 + 25.00

MATCHLINE SHEET RW6 -L- STA. 69 + 35.00

1
JOHN D GILLIS
DB 4810 PG 586

6
M D GILLIS C/O
JUDY GILLIS DIBACCO
DB 2584 PG 0783

2
W K GILLIS
DB 2749 PG 305
DB 2799 PG 629
DB 9583 PG 800 (NCDOT R/W)

3
ROBERT LEWIS GILLIS
& WIFE JUNE
MONTGOMERY
DB 6959 PG 374

JOHN DAVIS II
DAVID MILLER GILLIS
DB 8113 PG 669

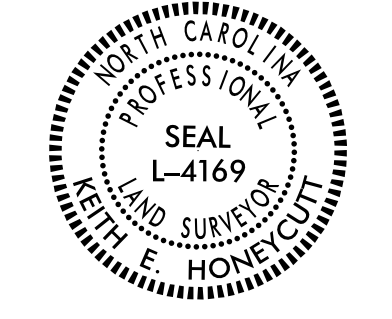
4
FRANCIS GILLIS DINKINS
DB 2749 PG 304

DAVID MILLER GILLIS
JOHN DAVIS II
DB 7472 PG 454

5
JOHN D GILLIS
DB 5280 PG 386
PB 51 PG 32

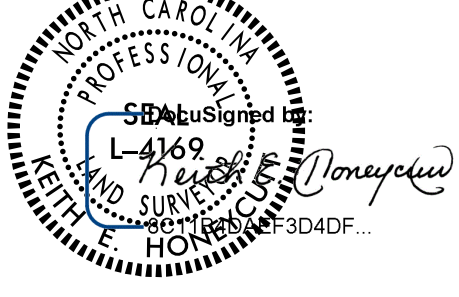
I, Keith E. Honeycutt, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 10/12/2021 to 10/28/2021 and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCA 56.1600 as applicable.

This 5th day of January, 2022.
Signed by:
Keith E. Honeycutt
Professional Land Surveyor L-4169



NOTES:

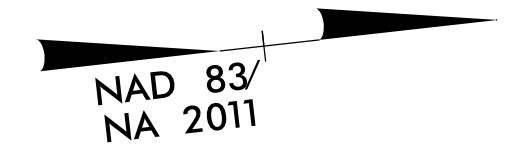
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 10/12/2021 TO 10/28/2021.

PROJECT REFERENCE NO.	SHEET NO.
U-5798A	RW6
Location and Surveys	
DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

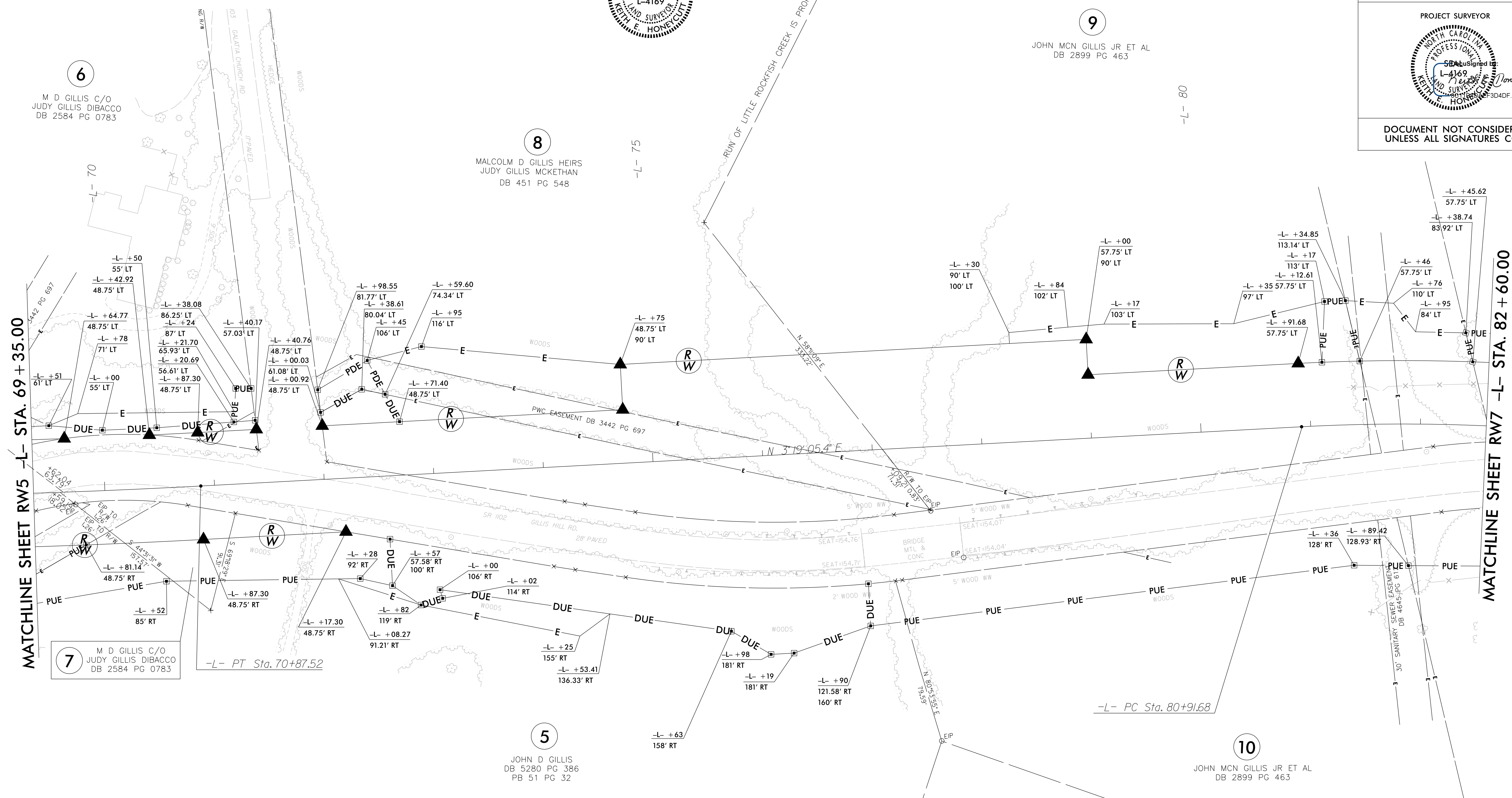
I, Keith E. Honeycutt, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 10/12/2021 to 2/17/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 17th day of February, 2022.

DocuSigned by:
Keith E. Honeycutt
Professional Land Surveyor L-4169
01160425-304F...



9
JOHN MCN GILLIS JR ET AL
DB 2899 PG 463



MATCHLINE SHEET RW5 -L- STA. 69 + 35.00

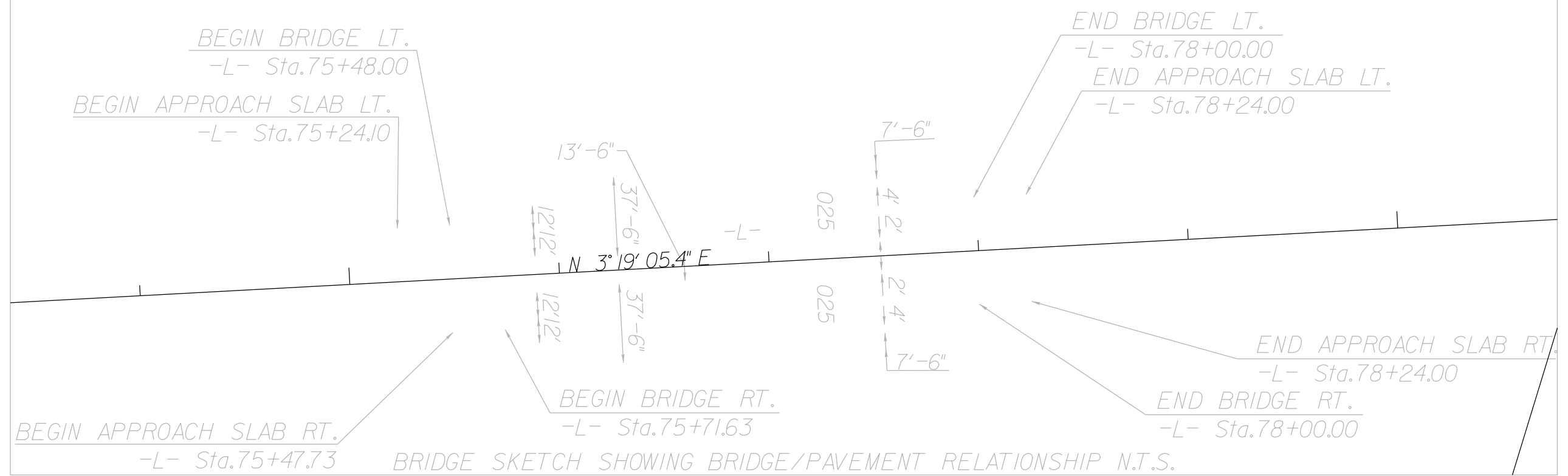
MATCHLINE SHEET RW7 -L- STA. 82 + 60.00

7
M D GILLIS C/O
JUDY GILLIS DIBACCO
DB 2584 PG 0783

5
JOHN D GILLIS
DB 5280 PG 386
PB 51 PG 32

10
JOHN MCN GILLIS JR ET AL
DB 2899 PG 463

11
DOUGLAS KEITH MILLER & WIFE
KATHRYN GILLIS
DB 4227 PG 487

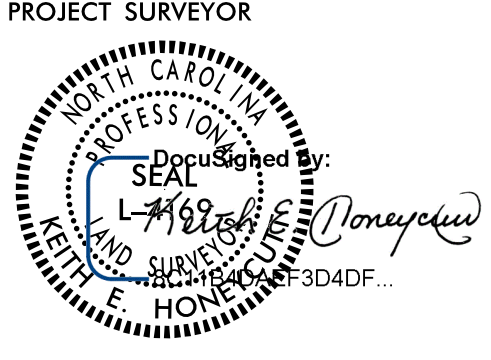


NOTES:

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 10/12/2021 TO 2/17/2022.

REVISIONS

I:\5-FEB-2022 11:03 P:\1666\5798A\Drawings\5798A\Revision_220202\U5798a.Ls.rw6.dgn
w\wilson

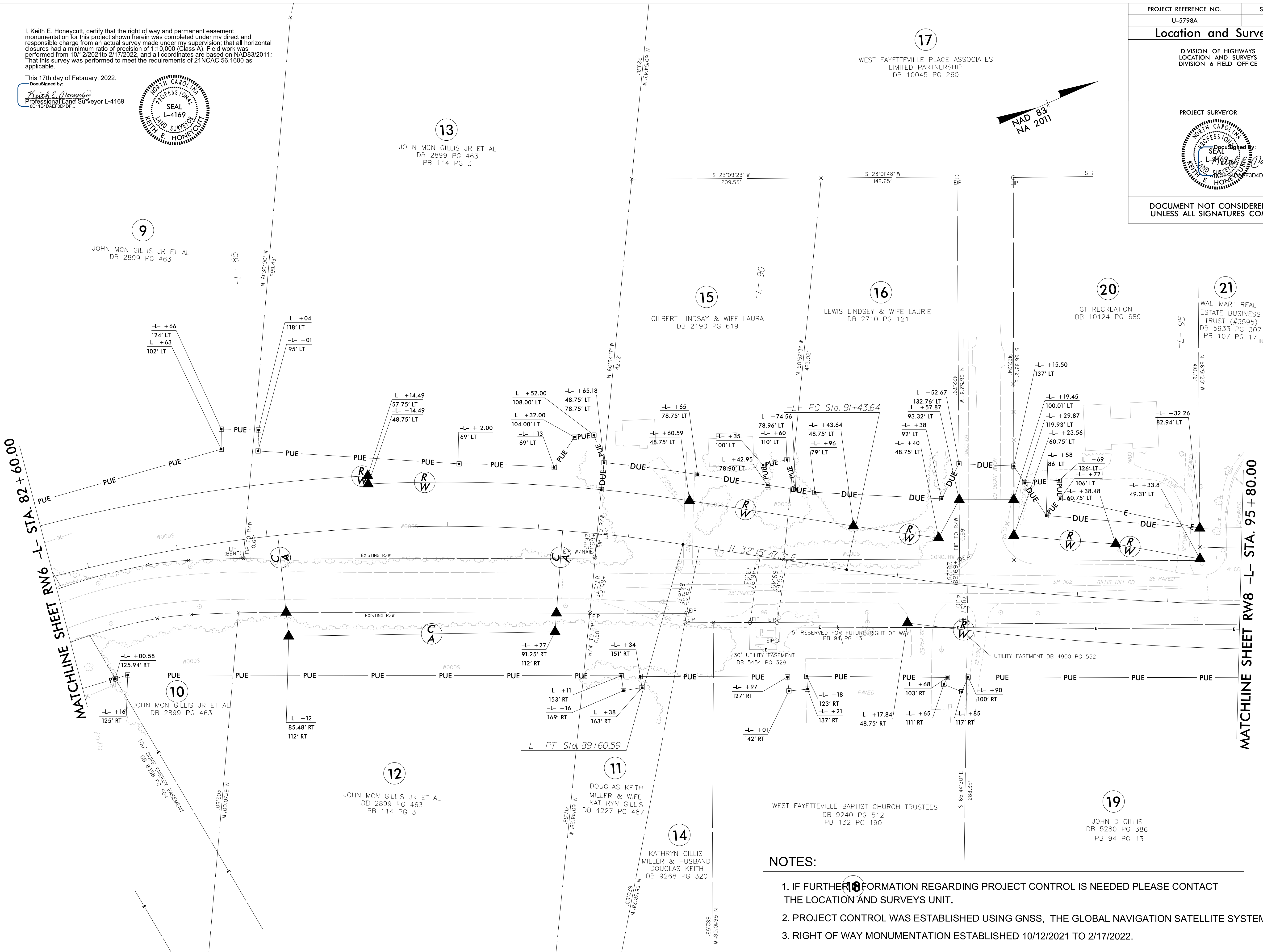
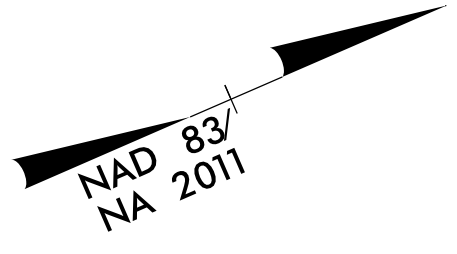
PROJECT REFERENCE NO.	SHEET NO.
U-5798A	RW7
Location and Surveys	
DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Keith E. Honeycutt, 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 10/12/2021 to 2/17/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 17th day of February, 2022.
DocuSigned by:
Keith E. Honeycutt
Professional Land Surveyor L-4169
SC11840AEF304DF...



WEST FAYETTEVILLE PLACE ASSOCIATES
LIMITED PARTNERSHIP
DB 10045 PG 260

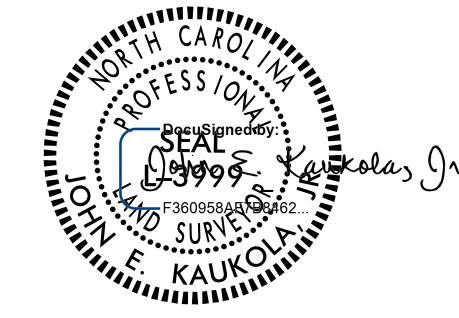


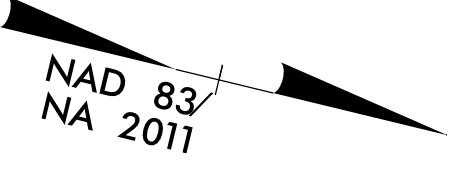
REVISIONS

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 W. Wilson
 AT DIV 06-314142

NOTES:

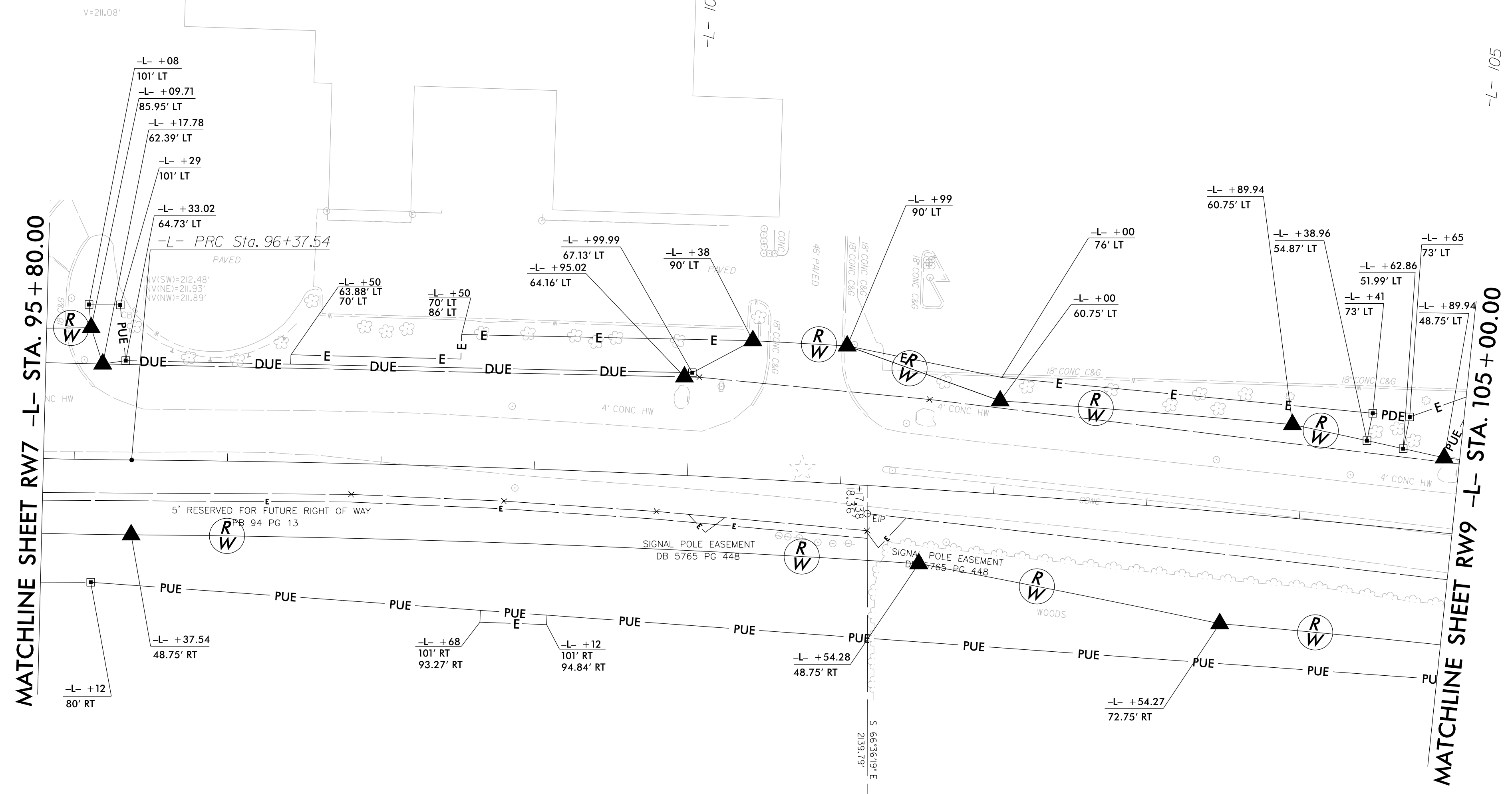
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 10/12/2021 TO 2/17/2022.

PROJECT REFERENCE NO. U-5798A	SHEET NO. RW8
Location and Surveys	
DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



-L- CURVE DATA

PI Sta 93+91.02	PI Sta 101+25.50
$\Delta = 8^{\circ}17'55.2''$ (LT)	$\Delta = 6^{\circ}12'24.4''$ (RT)
D = 1' 40' 48.8"	D = 0' 38' 11.8"
L = 493.90'	L = 974.96'
T = 247.38'	T = 487.96'
R = 3,410.00'	R = 9,000.00'
SE = RC	SE = NC



REVISIONS

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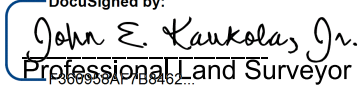
19

JOHN D GILLIS
DB 5280 PG 386
PB 94 PG 13

22

BARKER PARTNERS, LLC
DB 8580 PG 263

I, John E. Kaukola, Jr., 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 10/12/2021 to 10/28/2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 28 day of October 2021.
 Witnessed by:

 John E. Kaukola, Jr.
 Professional Land Surveyor L-3999



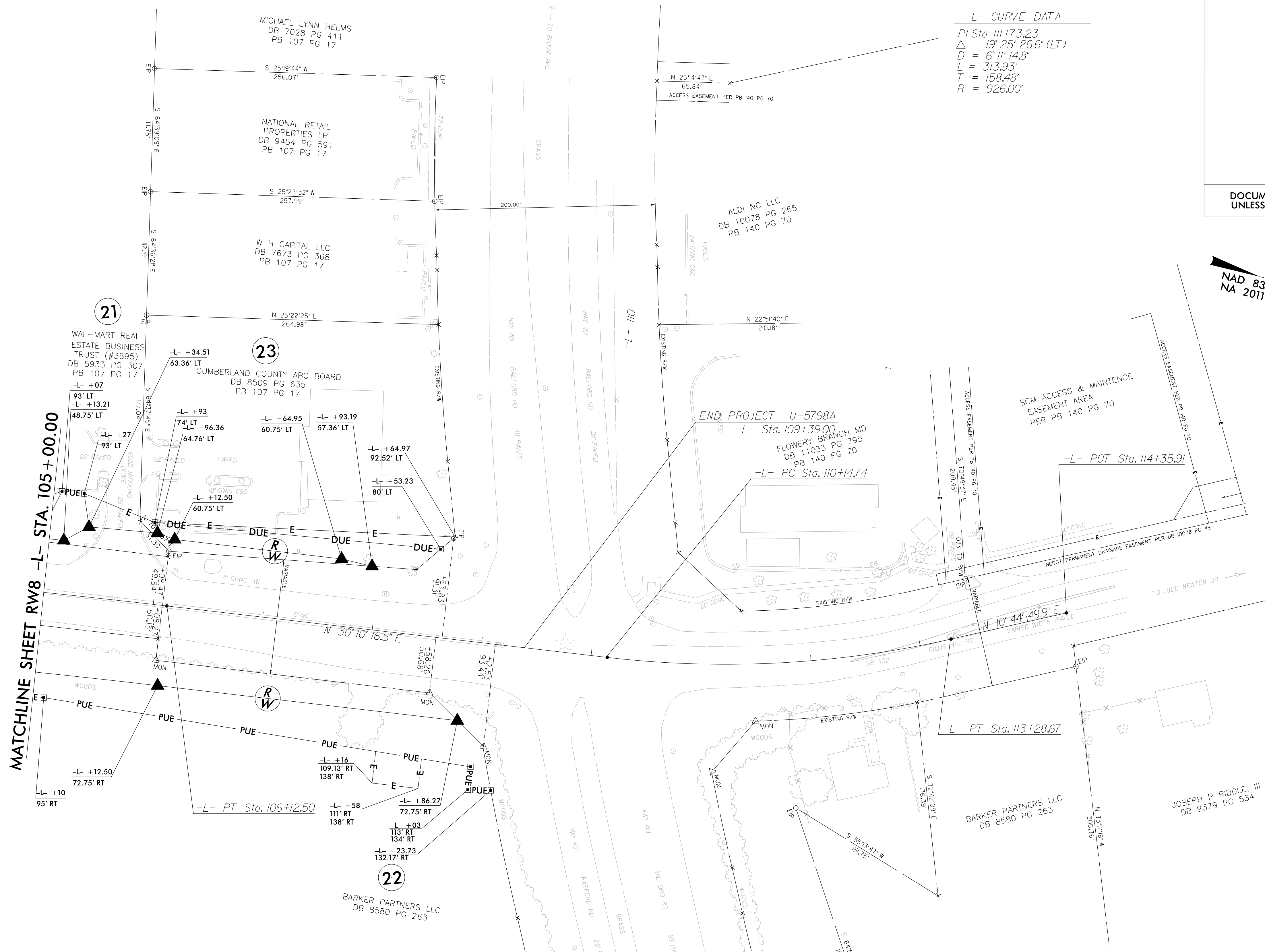
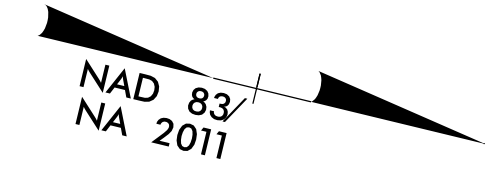
FOR -L- PROFILE, SEE SHEETS NO. 11

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 10/12/2021 TO 10/28/2021.

PROJECT REFERENCE NO.	SHEET NO.
U-5798A	RW9
Location and Surveys	
DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-L- CURVE DATA
 PI Sta 111+73.23
 $\Delta = 19^{\circ} 25' 26.6" (LT)$
 $D = 6^{\circ} 11' 14.8"$
 $L = 313.93'$
 $T = 158.48'$
 $R = 926.00'$



MATCHLINE SHEET RW8 -L- STA. 105 + 00.00

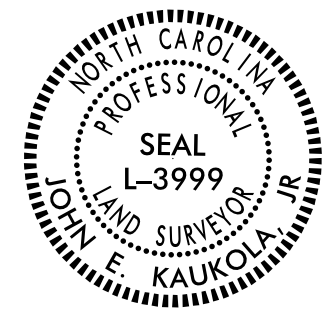
REVISIONS

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 01\06-2021\0412\02\Projects\Control\Sheets\5798A\U-5798A_Rdw.psh_9.dgn

I, John E. Kaukola, Jr., 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 10/12/2021 to 10/28/2021 and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 28 day of October, 2021.
 Documented by:

 Professional Land Surveyor L-3999



FOR -L- PROFILE, SEE SHEETS NO. 12

- 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 10/12/2021 TO 10/28/2021.