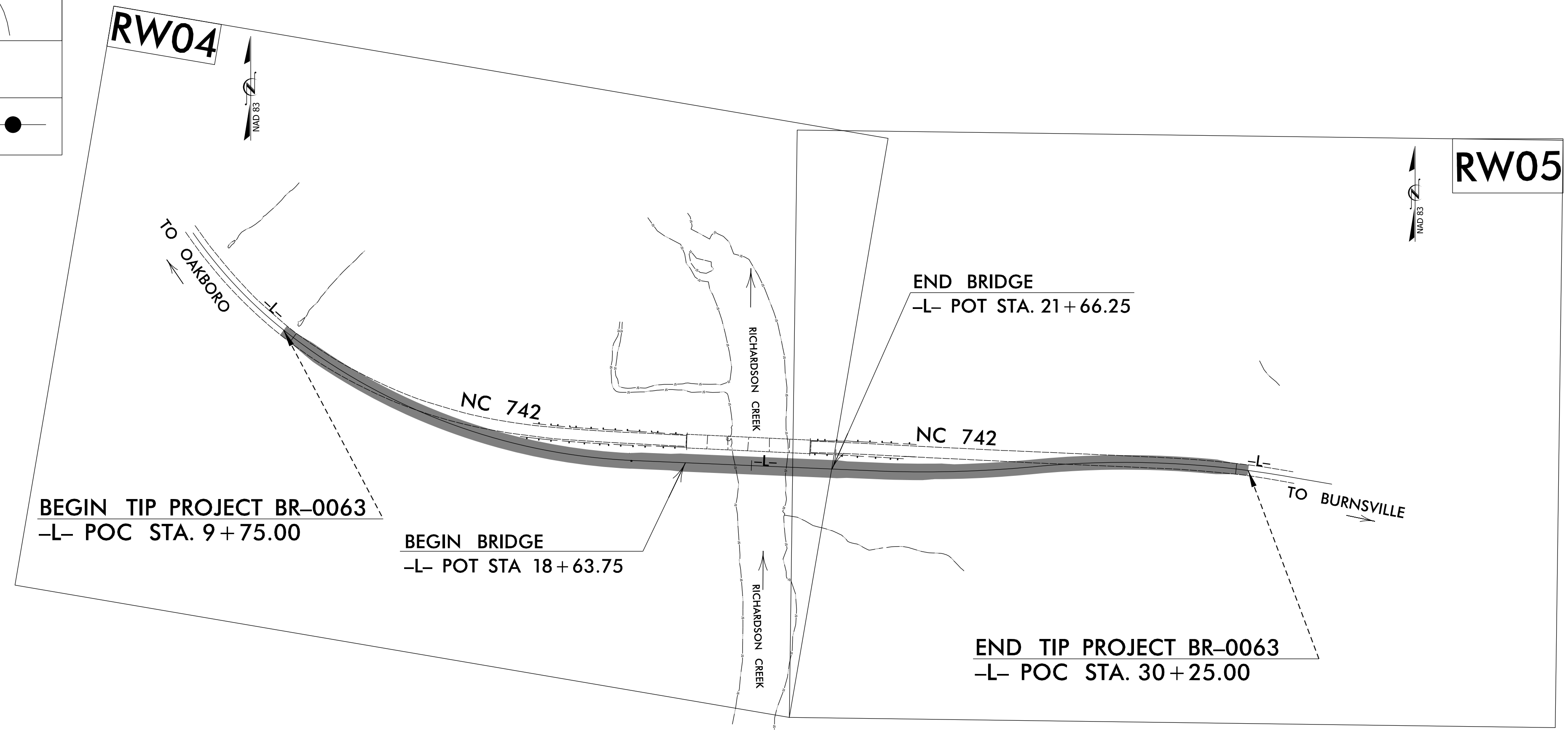
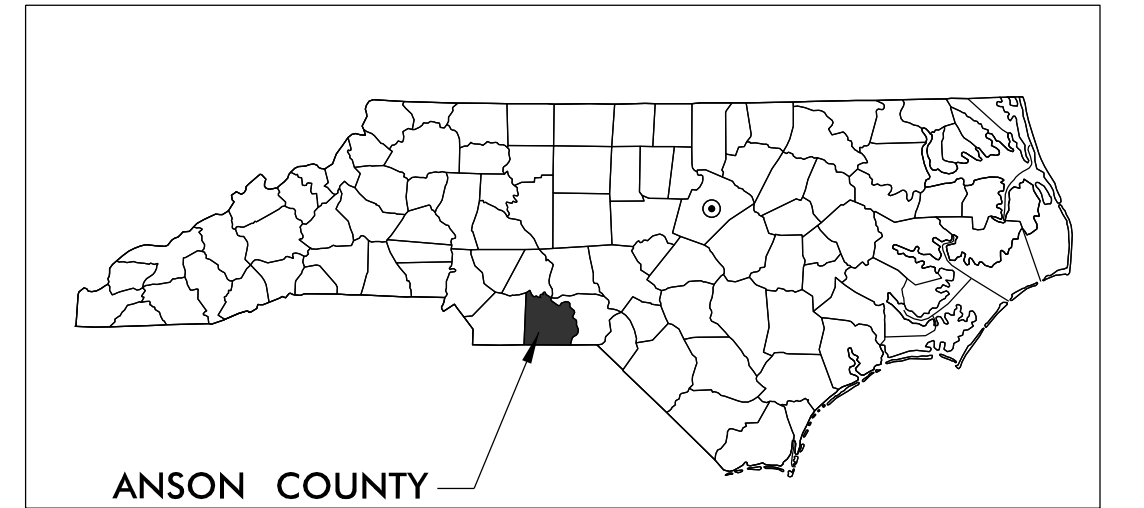
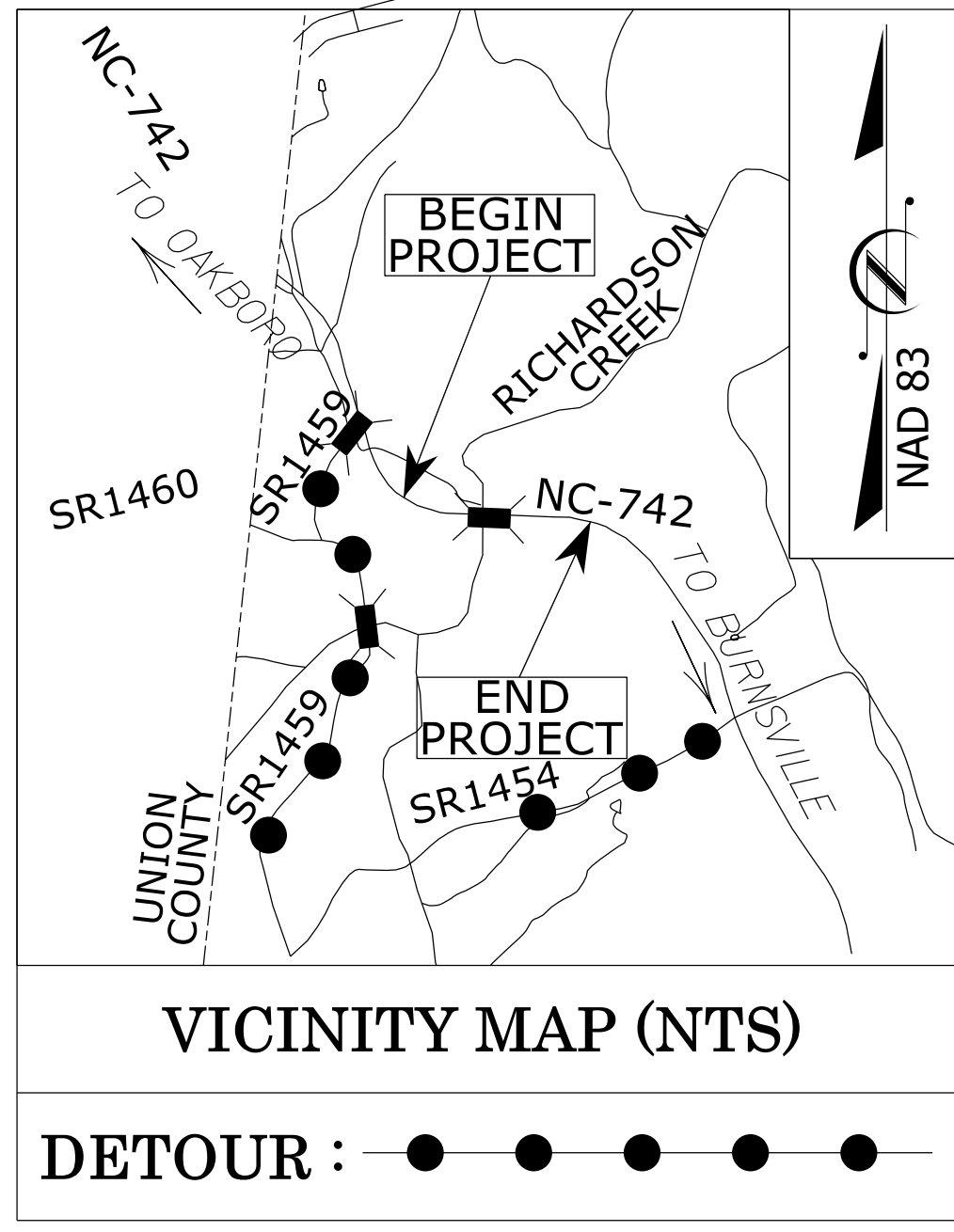


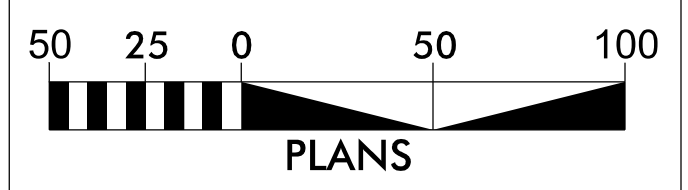
TIP PROJECT: BR-0063

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS ANSON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0063	RW01	5



GRAPHIC SCALES



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE NAD 1983 (CONUS) NA 2011 STATE PLANE COORDINATES FOR THE NCDOT MONUMENT "BR-0063-1" WITH A NORTHING OF 511,274.226' EASTING OF 1,618,286.181'. THE AVERAGE COMBINED FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS 0.99986472 (1/X=1.00013530). THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BR-0063-1" TO -L- STATION 09+75.00 IS N 33°59'41.0" W 78.89' (ft)

ALL LINEAR DISTANCES ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88.

Prepared in the Office of:



8210 UNIVERSITY EXECUTIVE PARK DRIVE, SUITE 220
CHARLOTTE, NC 28262
PHONE: (919) 650 1038

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
OCTOBER 2023

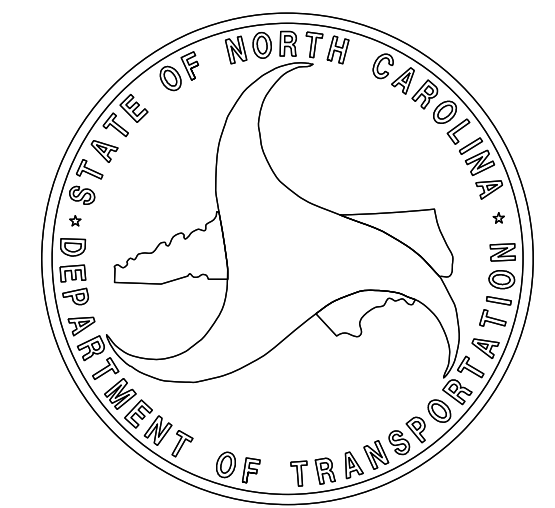
LETTING DATE:
DECEMBER 17, 2024

PROFESSIONAL LAND SURVEYOR



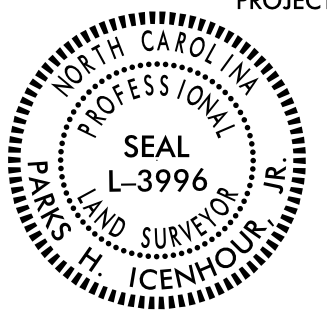
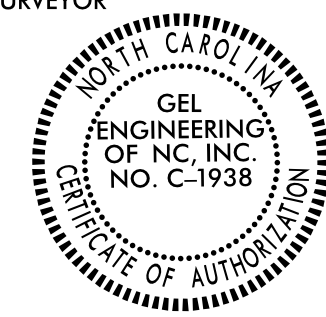
DocuSigned by:
SIGNATURE: [Signature]

DATE: 11/22/2023



SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
BR-0063	RW02C-1
Location and Surveys	
GEL SOLUTIONS	
111-C CREEKRIDGE ROAD GREENSBORO, NC 27406	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Parks H Icenhour 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:

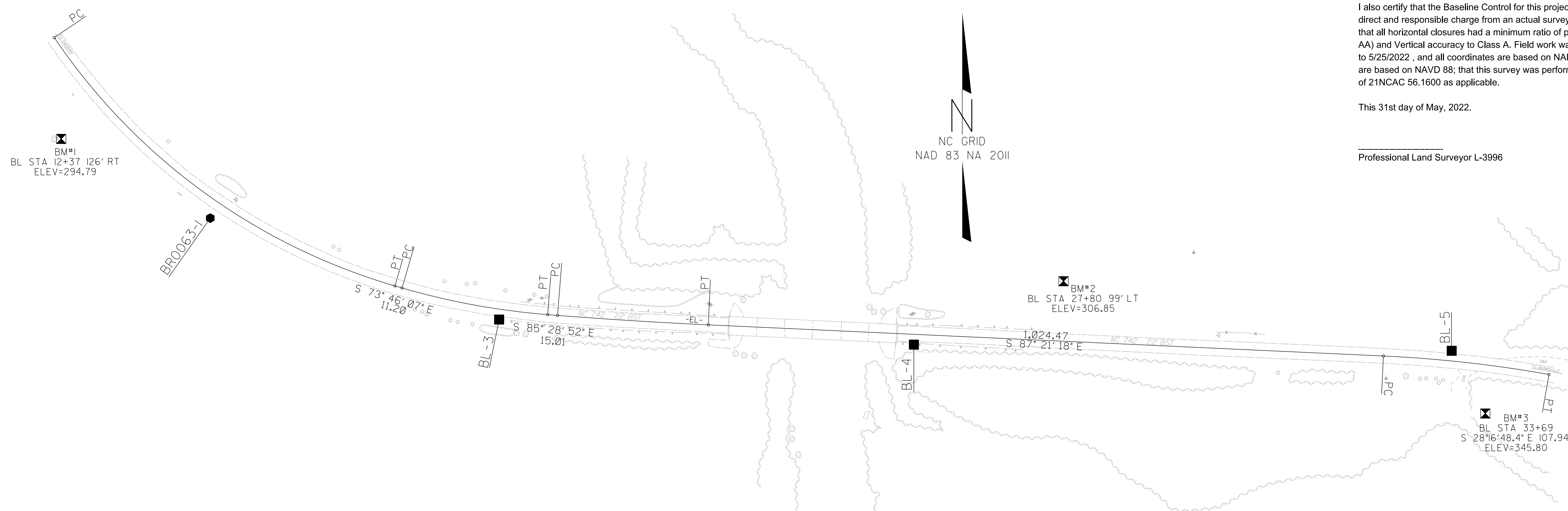
Class of survey: **AA**
 Type of GPS field procedure: RTN
 Dates of survey: N/A
 Datum/Epoch: NAD83/NA2011
 Published/Fixed-control use: N/A
 Localized around: BR0063-1
 Northing: 511274.2261
 Easting: 1618286.1809
 Combined grid factor: 0.99986472
 Geoid model: 12BNC
 Units: FEET

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 5/16-2022 to 5/25/2022, 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 31st day of May, 2022.

Professional Land Surveyor L-3996

REVISIONS




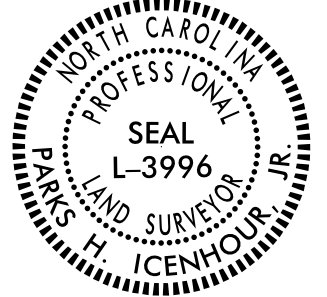
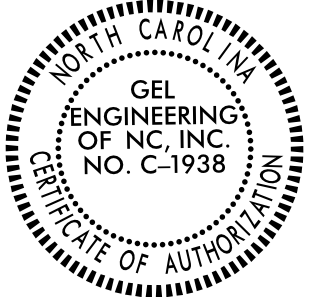
SEE SHEET RW02C-3
FOR FURTHER
ALIGNMENT DETAILS

NOTES:

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SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. BR-0063	SHEET NO. RW02C-2
Location and Surveys	
 111-C CREEKRIDGE ROAD GREENSBORO, NC 27406	
PROJECT SURVEYOR	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
2		BR0063-2	512082.9317	1617768.7922	298.41
1		BR0063-1	511274.2261	1618286.1809	298.23
3		BL-3	511120.6900	1618724.1330	298.64
4		BL-4	511082.3210	1619352.7640	298.05
5		BL-5	511072.9580	1620167.8970	336.58

```

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
BM1      ELEVATION = 294.79
N 511394      E 1618060
RR SPIKE IN ROOT OF 48" WILLOW OAK
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
BM2      ELEVATION = 306.85
N 511179      E 1619580
RR SPIKE IN BASE OF 12" ELM
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
BM3      ELEVATION = 345.80
N 510978      E 1620219
RR SPIKE IN ROOT OF 18" RED OAK
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
  
```

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 Type of GPS field procedure: RTN
 Dates of survey: N/A
 Datum/Epoch: NAD83/NA2011
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This 31st day of May, 2022.

Professional Land Surveyor L-3996


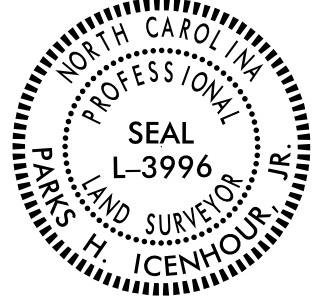
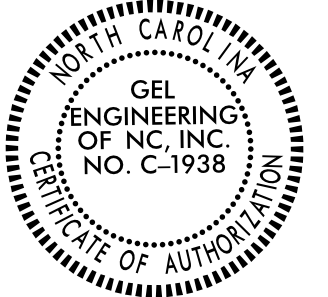
REVISIONS

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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
BR-0063	RW02C-3
Location and Surveys	
 111-C CREEKRIDGE ROAD GREENSBORO, NC 27406	
PROJECT SURVEYOR	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	511548.153	1618049.711							
CURVE			S 53°53'26.0" E	639.23	39°45'21.5"(LT)	06°05'43.1"	652.24	339.87	940.00
PT	511171.434	1618566.143							
LINE			S 73°46'06.8" E	11.20					
PC	511168.305	1618576.893							
CURVE			S 79°37'29.2" E	224.47	11°42'44.8"(LT)	05°12'31.3"	224.86	112.82	1100.00
PT	511127.879	1618797.694							
LINE			S 85°28'51.6" E	15.01					
PC	511126.696	1618812.657							
CURVE			S 86°25'05.0" E	228.96	01°52'26.8"(LT)	00°49'06.6"	228.97	114.49	7000.00
PT	511112.392	1619041.166							
LINE			S 87°21'18.4" E	1024.47					
PC	511065.117	1620064.543							
CURVE			S 83°38'23.6" E	252.71	07°25'49.5"(RT)	02°56'17.7"	252.89	126.62	1950.00
PT	511037.122	1620315.697							

I, Parks H Icenhour 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
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This 31st day of May, 2022.

Professional Land Surveyor L-3996

REVISIONS

NOTES:

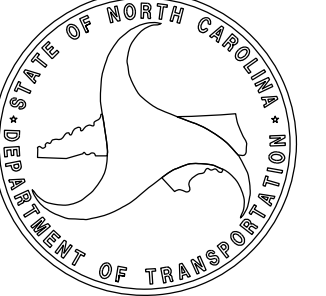
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PROPOSED ALIGNMENT CONTROL SHEET

BR-0063

R/W 020-1

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



I, AUGUST A. THICK, 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 22ND DAY OF NOVEMBER, 2023.

DocuSigned by:

PROFESSIONAL LAND SURVEYOR L-5373

PROFESSIONAL LAND
SURVEYOR



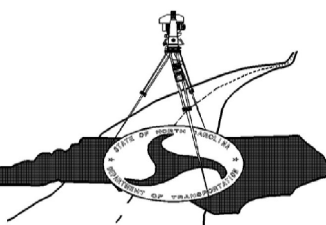
DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2018 STANDARD
SPECIFICATIONS

-L-			
TYPE	STATION	NORTH	EAST
BEGIN	7+00.00	511540.07	1618055.23
PCC	10+10.69	511317.89	1618270.37
PT	17+53.89	511071.09	1618959.83
PC	22+74.48	511048.97	1619479.95
PRC	25+95.93	511059.45	1619800.99
PT	31+14.18	511036.85	1620317.23
END	32+00.00	511022.3	1620401.8

TIP PROJECT: BR-0063
County: ANSON

PREPARED FOR



LOCATION AND
SURVEYS UNIT

PREPARED BY



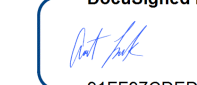
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RIGHT OF WAY CONTROL SHEET

I, AUGUST A. THICK, 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 NOVEMBER 2023, AND ALL COORDINATES ARE BASED ON NAD83/2011; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS OF 21NCAC 56.1600 AS APPLICABLE.

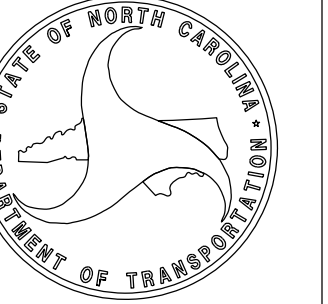
THIS 22ND DAY OF NOVEMBER, 2023.

DocuSigned by:

PROFESSIONAL LAND SURVEYOR L-5373

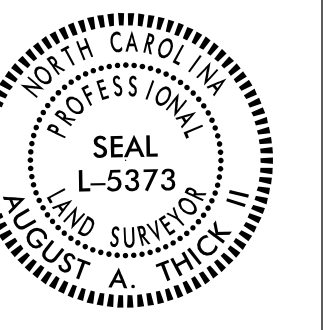
BR-0063

R/W 03E-1

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR



DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2018 STANDARD
SPECIFICATIONS

PERMANENT ROW MARKER IRON PIN AND CAP				
ALIGNMENT	STATION	OFFSET	NORTH	EAST
-L-	11+63.00	46.27	511194.29	1618374.73
-L-	11+63.00	76.00	511168.47	1618359.98
-L-	16+31.00	136.00	510948.24	1618817.93
-L-	18+20.00	-94.78	511162.98	1619029.91
-L-	18+20.00	-105.00	511173.19	1619030.34
-L-	21+16.00	95.01	510960.78	1619317.58
-L-	22+74.00	-73.11	511122.03	1619482.58
-L-	22+74.00	-105.00	511153.90	1619483.93
-L-	23+53.00	49.00	510998.56	1619558.38
-L-	27+34.00	71.00	510995.88	1619940.13
-L-	27+34.00	46.04	511020.83	1619939.68

TIP PROJECT: BR-0063
County: ANSON

PREPARED FOR

LOCATION AND
SURVEYS UNIT

PREPARED BY



NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
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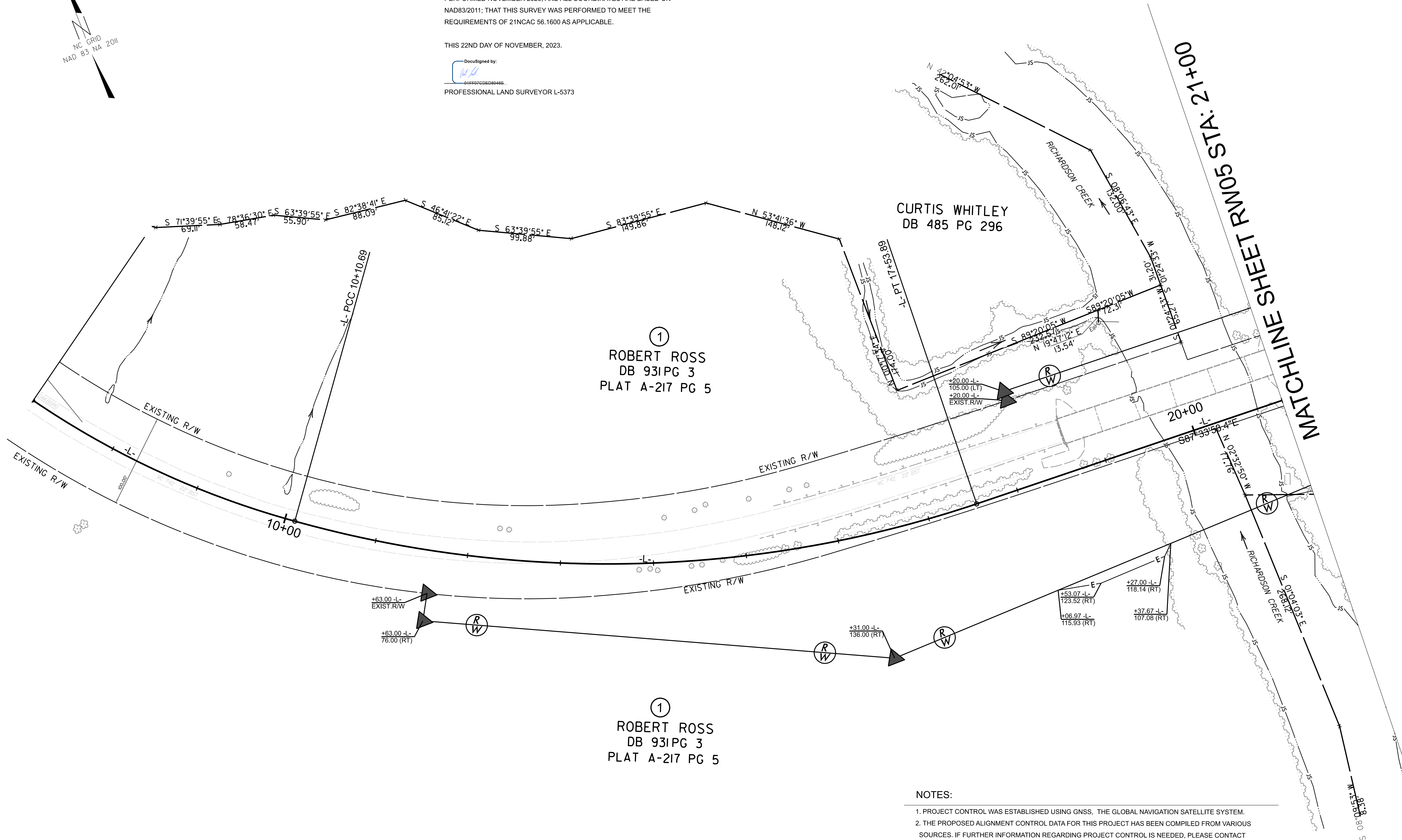


I, AUGUST A. THICK, CERTIFY THAT THE RIGHT OF WAY AND PERMANENT EASEMENT MONUMENTATION FOR THIS PROJECT SHOWN HEREIN WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:10,000 (CLASS A). FIELD WORK WAS PERFORMED NOVEMBER 2023, AND ALL COORDINATES ARE BASED ON NAD83/2011; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS OF 21NCAC 56.1600 AS APPLICABLE.

THIS 22ND DAY OF NOVEMBER, 2023.

DocuSigned by:

AUGUST A. THICK
PROFESSIONAL LAND SURVEYOR L-5373



①
ROBERT ROSS
DB 93 PG 3
PLAT A-217 PG 5

①
ROBERT ROSS
DB 93 PG 3
PLAT A-217 PG 5

CURTIS WHITLEY
DB 485 PG 296

+20.00 -L-
105.00 (LT)
+20.00 -L-
EXIST.R/W

+63.00 -L-
EXIST.R/W

+63.00 -L-
76.00 (RT)

+31.00 -L-
136.00 (RT)

+53.07 -L-
123.52 (RT)
+06.97 -L-
115.93 (RT)

+27.00 -L-
118.14 (RT)
+37.67 -L-
107.08 (RT)

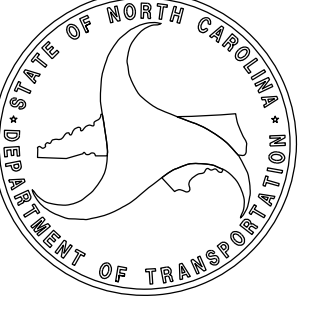
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- 3. RIGHT OF WAY MONUMENTATION ESTABLISHED NOVEMBER 2023

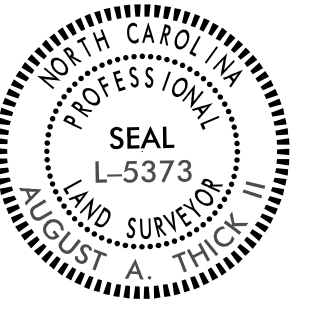
BR-0063

R/W RWD4

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR

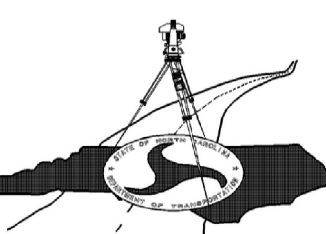


DOCUMENT NOT CONSIDERED
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2018 STANDARD
SPECIFICATIONS

TIP PROJECT: BR-0063
County: ANSON

PREPARED FOR



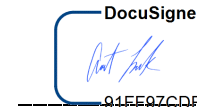
LOCATION AND
SURVEYS UNIT

PREPARED BY

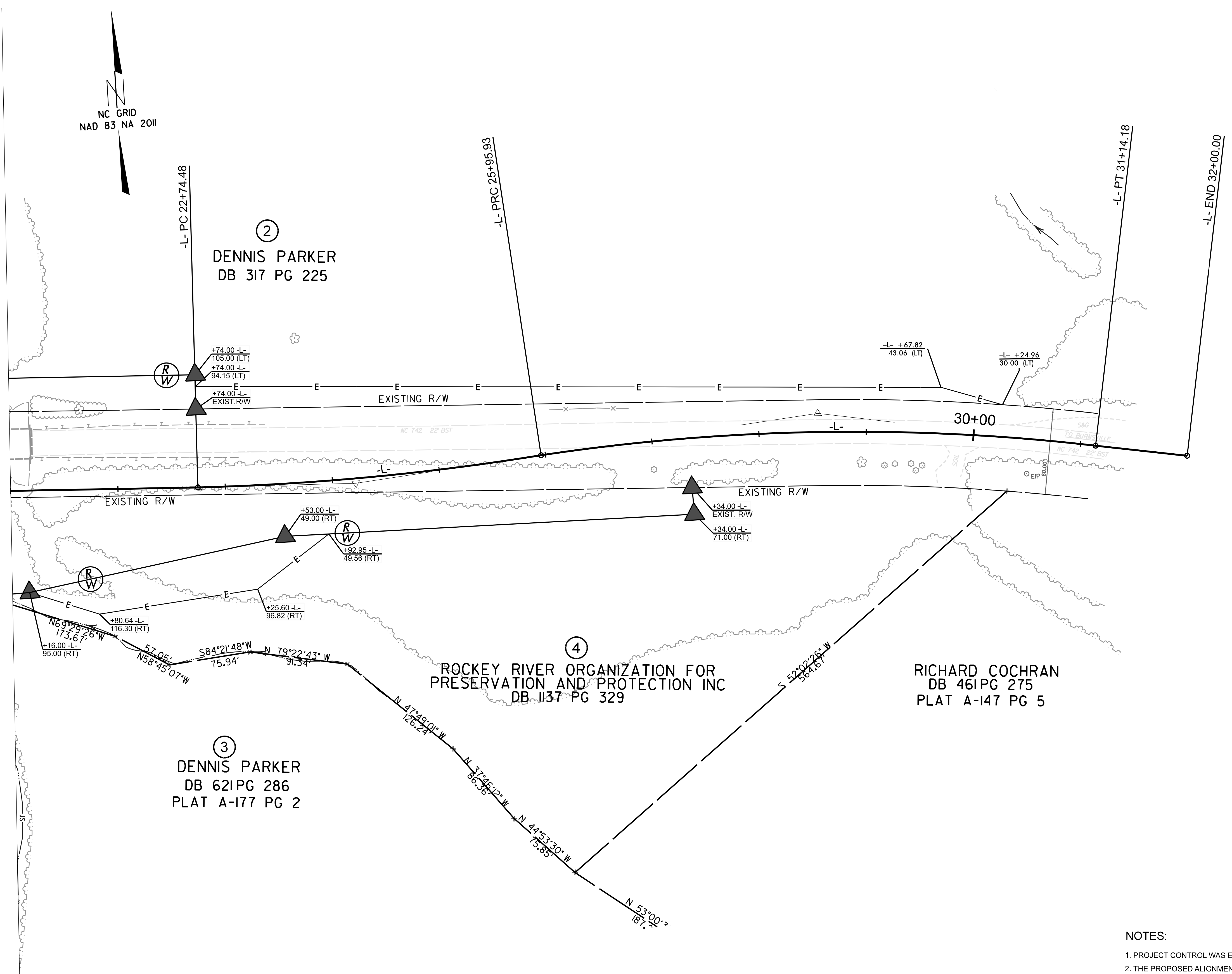


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DocuSigned by:

 91FF927CDE08046E
 PROFESSIONAL LAND SURVEYOR L-5373

MATCHLINE SHEET RW04 STA 21+00

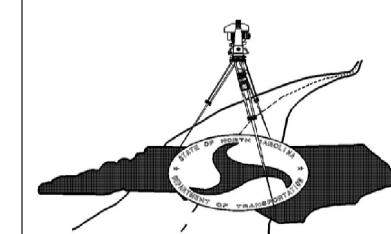


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TIP PROJECT: BR-0063
 County: ANSON

PREPARED FOR



LOCATION AND SURVEYS UNIT

PREPARED BY

