Docusign Envelope ID: 50ABF937-A512-4035-B0EB-80076C9588A7

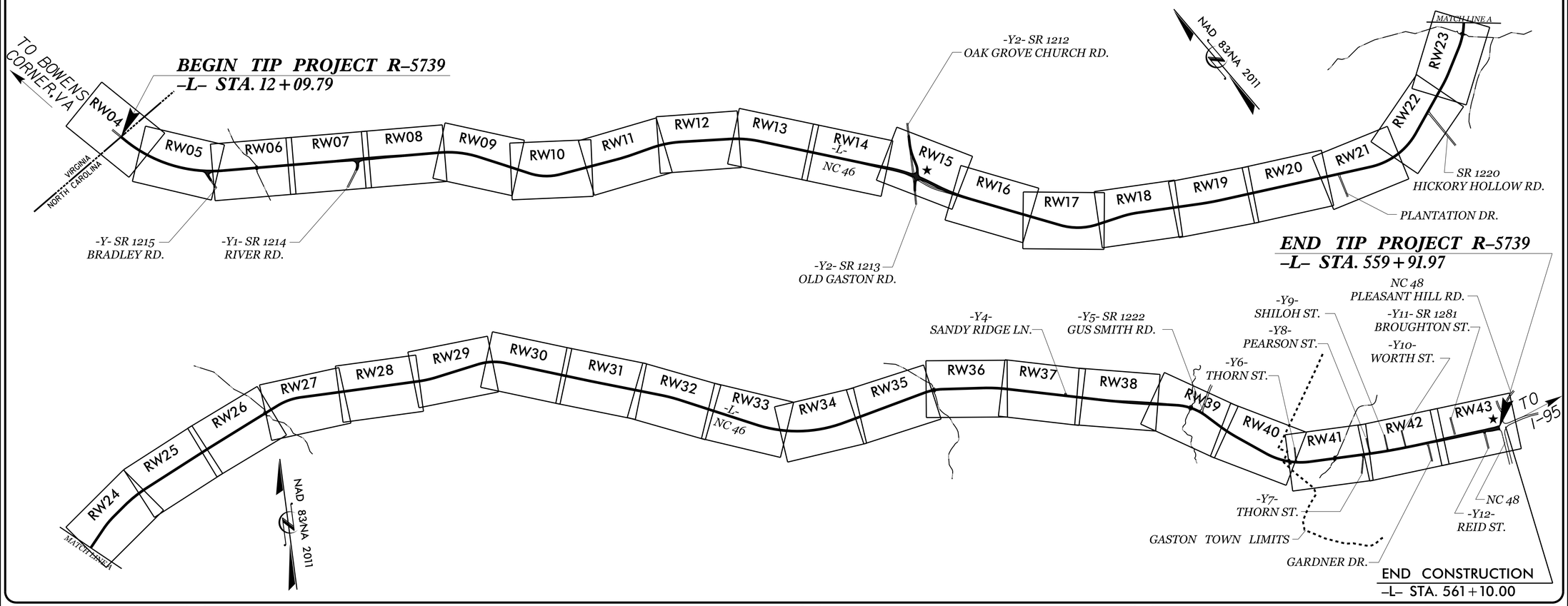
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5739	RW01	61

TIP PROJECT: R-5739

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

NORTHAMPTON COUNTY



GRAPHIC SCALE

50 25 0 50 100
PLANS

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
NCDOT FOR GPS CONTROL MONUMENT "R5739-9"
WITH NAD 83/NA2011 STATE PLANE GRID COORDINATES OF
NORTHING: 1,004,104.855(ft) EASTING: 2,370,564.222(ft)
ELEVATION: 241.52(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
(GROUND TO GRID) IS: 1.000104741
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"R5739-9" TO -L- STATION 10+00.00 IS
N 50-20'39.07" E 24,305.79 (ft)
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88/GEOID12A

Prepared in the Office of:

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:	LETTING DATE:
01/10/2022	05/20/2025

PROFESSIONAL LAND SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KIRSTEN E. STONE

DocuSigned by: Kirsten E. Stone
—8D43BA97E7454B2...
SIGNATURE: 1/7/2025 Date:

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

$$$$SYSTIME$$$$
$$$$USERNAME$$$$ $$$$DGN$$$$

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-1

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, KAREN E. STONE, 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:

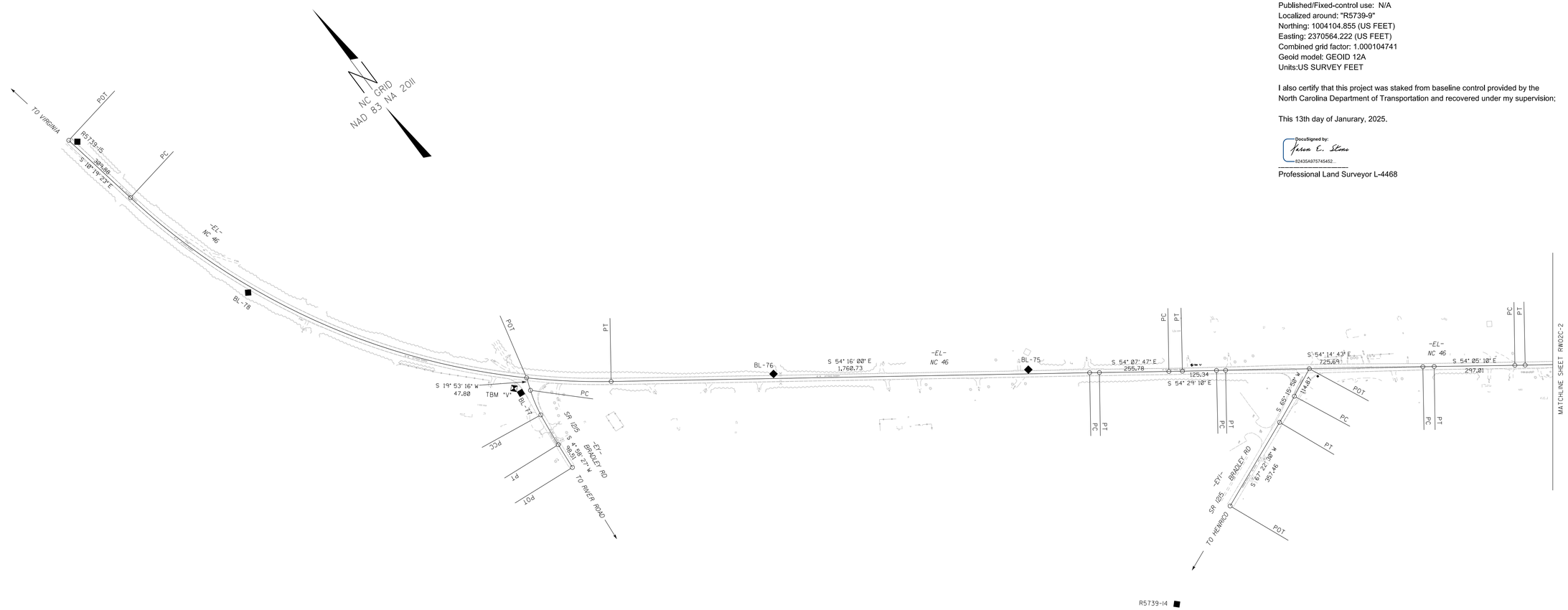
Class of survey: ***AA***
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82435A975745452...

Professional Land Surveyor L-4468



SEE SHEETS
RW02C-11 THRU RW02C-16
FOR FURTHER ALIGNMENT DETAILS

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.

6/2/99
13-JAN-2025 13:33
z:\CAD\2017\170015K_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r5739_ls_rw02c-1_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

6/2/99

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-2

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, KAREN E. STONE, 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:

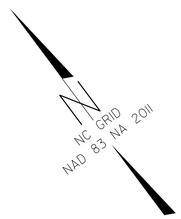
Class of survey:
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

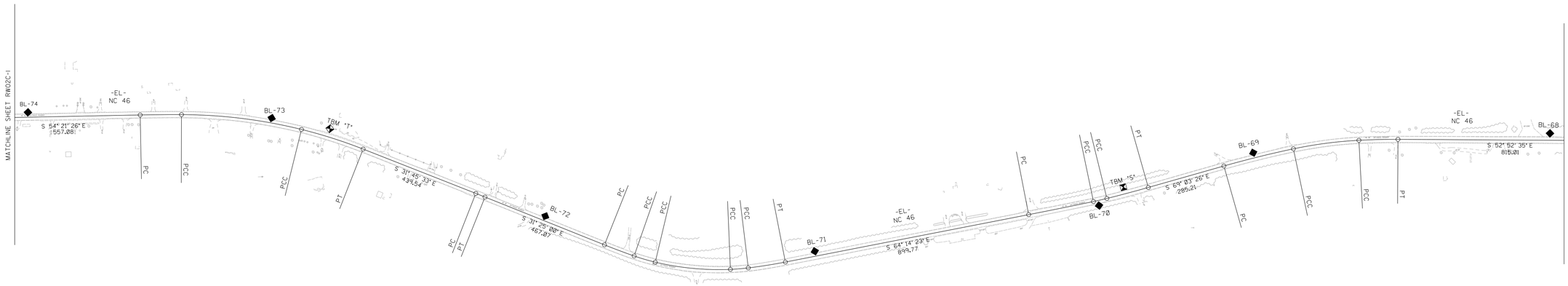
I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82435A975745452...

Professional Land Surveyor L-4468





SEE SHEETS
RW02C-11 THRU RW02C-16
FOR FURTHER ALIGNMENT DETAILS

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.

13-JAN-2025 13:35
Z:\CAD\2017\2017015K_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r-5739_ls-rw02c-2_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-3

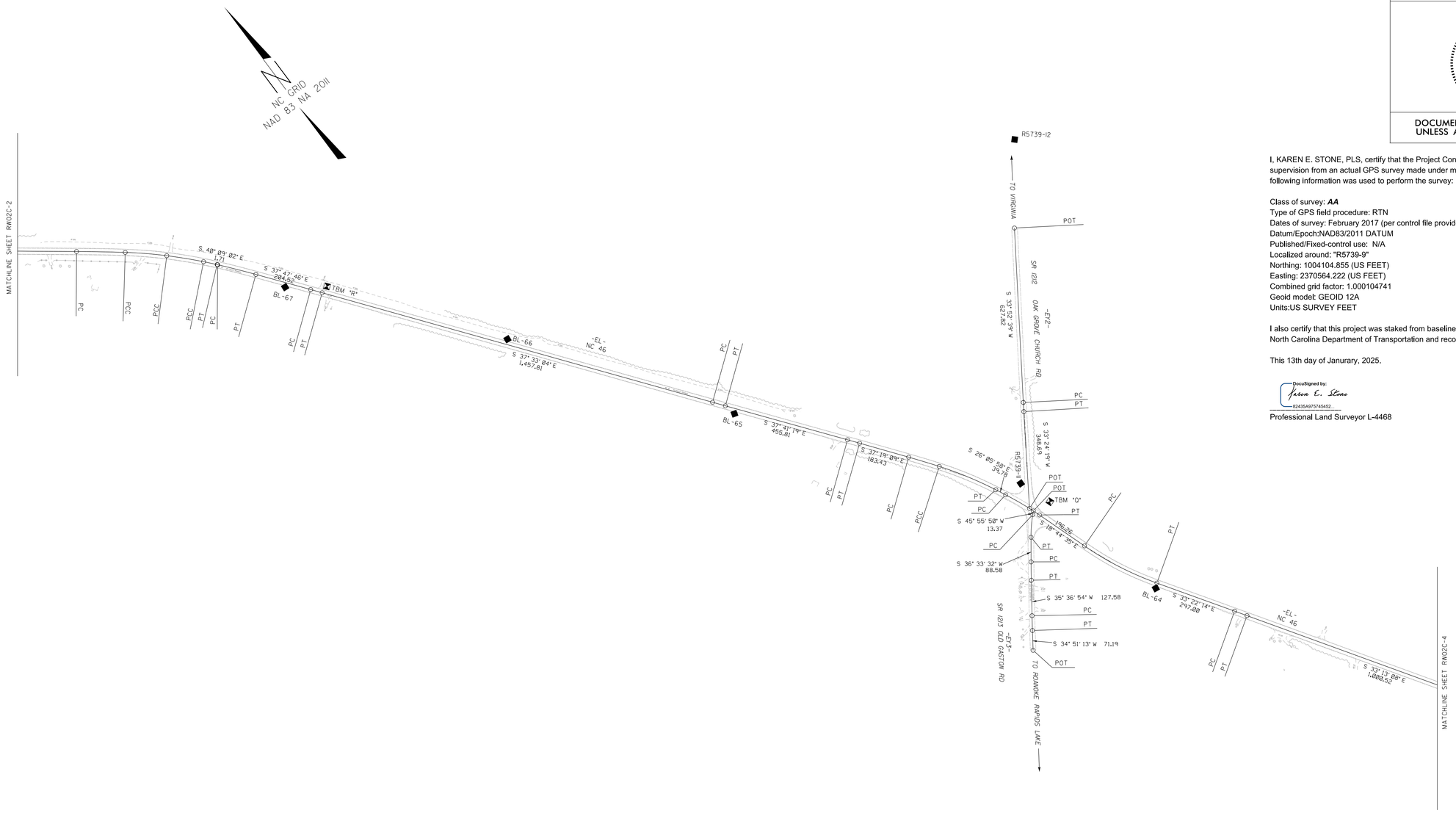
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



I, KAREN E. STONE, 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: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82435A975745452...

Professional Land Surveyor L-4468

SEE SHEETS
RW02C-11 THRU RW02C-16
FOR FURTHER ALIGNMENT DETAILS

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.

6/2/99
13-JAN-2025 13:36
Z:\CAD\2017\17005K_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r-5739_ls-rw02c-3_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-4

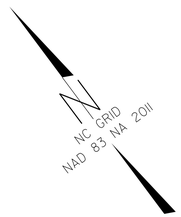
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



I, KAREN E. STONE, 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:

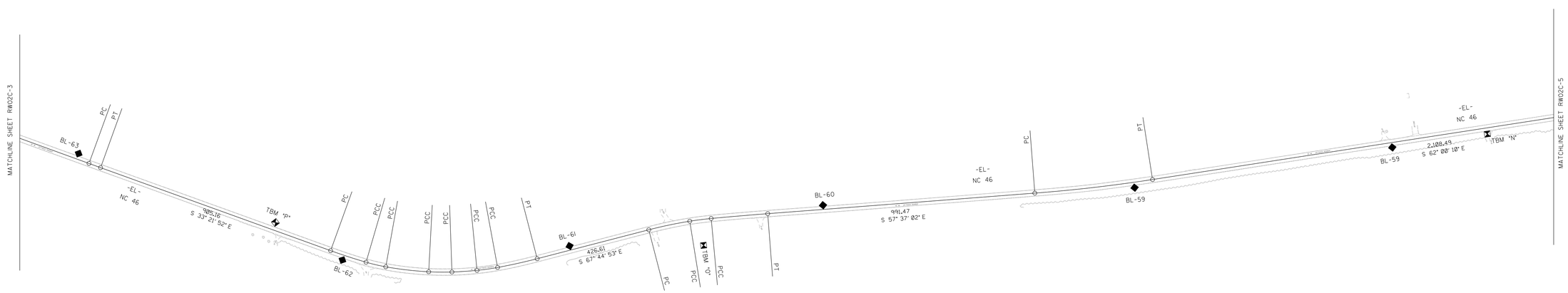
Class of survey:
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82435A975745452...

Professional Land Surveyor L-4468



SEE SHEETS
RW02C-11 THRU RW02C-16
FOR FURTHER ALIGNMENT DETAILS

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.

13-JAN-2025 13:38
Z:\CAD\2017\17001SK_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r-5739_ls-rw02c-4_250107.dgn
jmatthews AT JKA-042
6/2/99

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

6/2/99

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-5

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, KAREN E. STONE, 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:

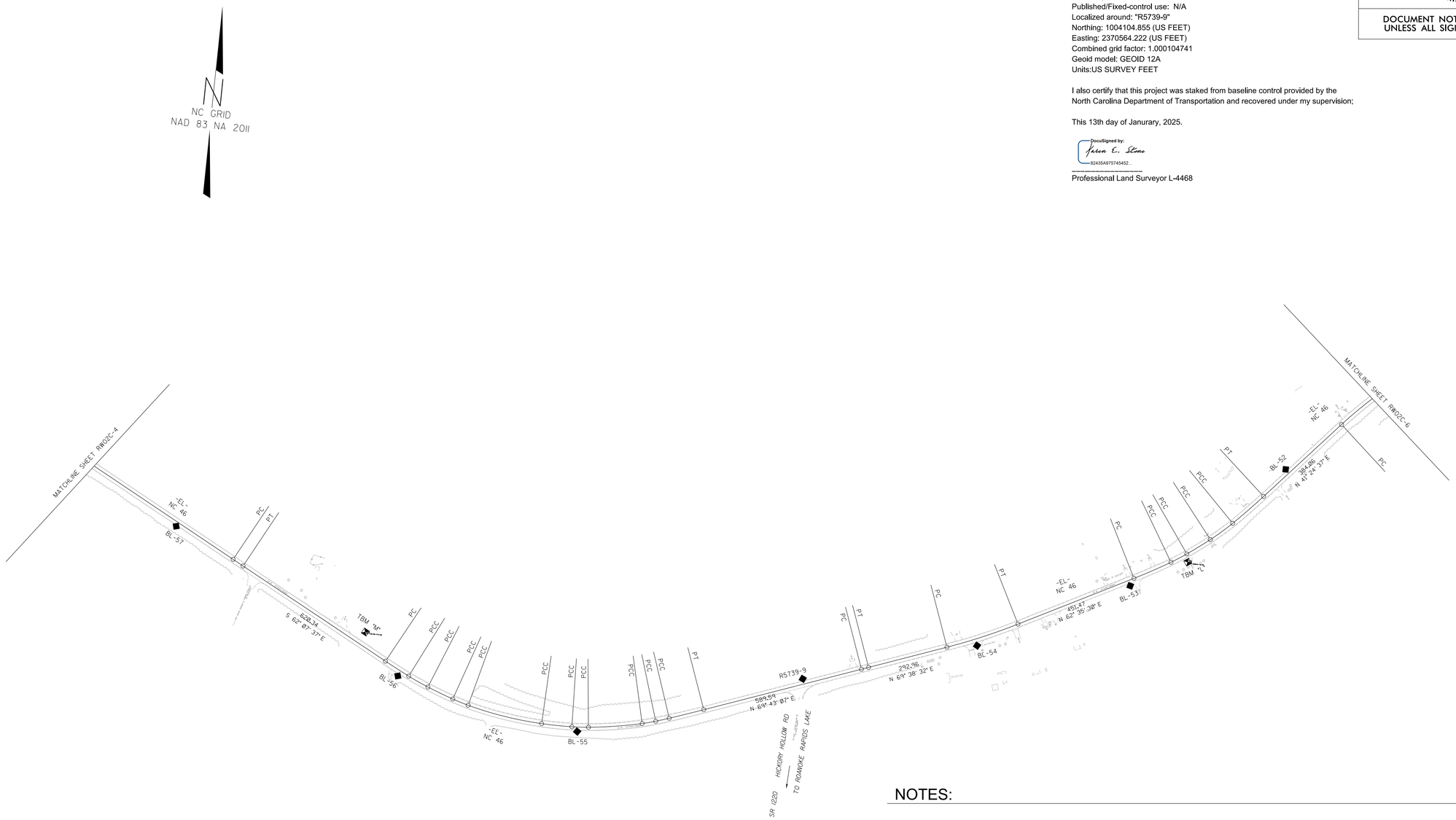
Class of survey: ***AA***
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
B2435A975745452...

Professional Land Surveyor L-4468



SEE SHEETS
RW02C-11 THRU RW02C-16
FOR FURTHER ALIGNMENT DETAILS

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.

13-JAN-2025 13:43
Z:\CAD\2017\17001SK-R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r5739_ls_rw02c-5_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-6

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, KAREN E. STONE, 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:

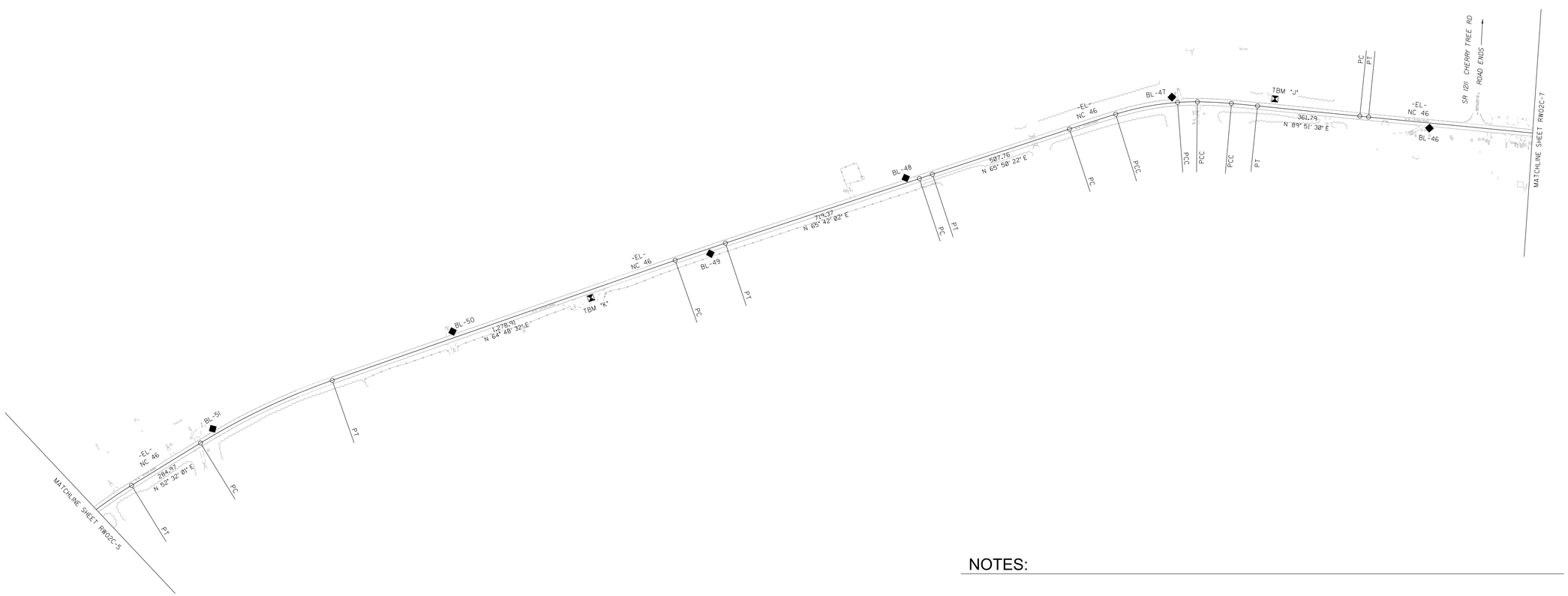
Class of survey: ***AA***
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82435A975745452...

Professional Land Surveyor L-4468



SEE SHEETS
RW02C-11 THRU RW02C-16
FOR FURTHER ALIGNMENT DETAILS

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.

6/2/99
13-JAN-2025 13:45
Z:\CAD\2017\17001SK_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r5739_ls_rw02c-6_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-7

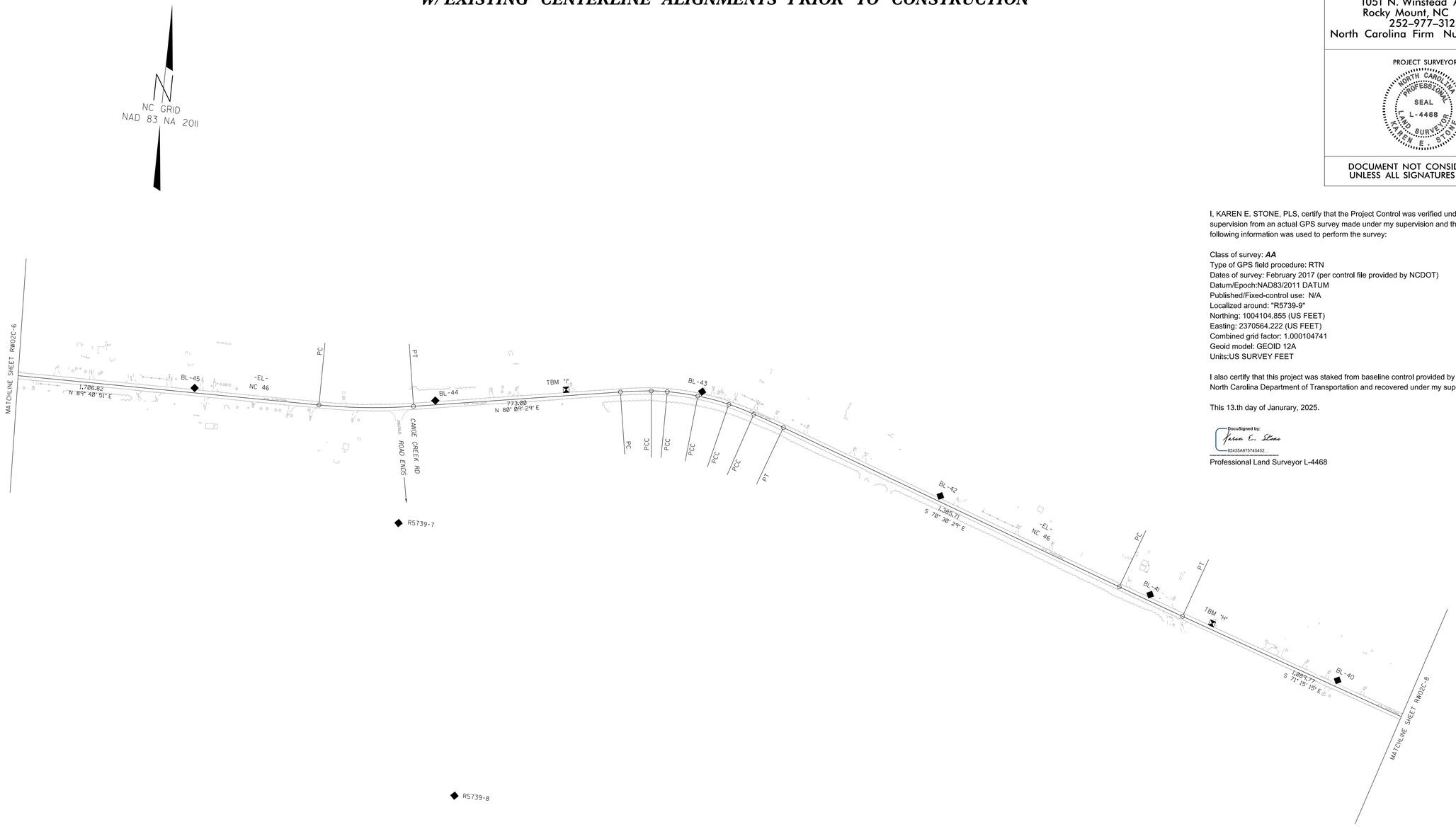
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



I, KAREN E. STONE, 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: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13.th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82435A975745452...

Professional Land Surveyor L-4468

SEE SHEETS
RW02C-11 THRU RW02C-16
FOR FURTHER ALIGNMENT DETAILS

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.

6/2/99
13-JAN-2025 13:46
Z:\CAD\2017\17001SK_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r5739_ls_rw02c-7_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

6/2/99

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-8

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, KAREN E. STONE, 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:

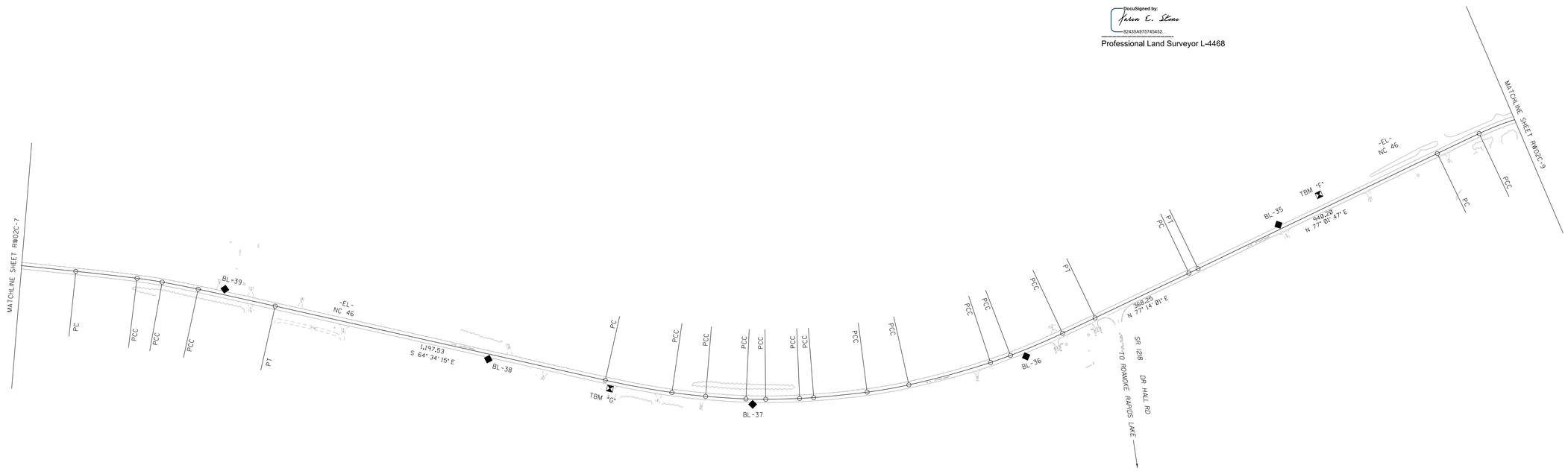
Class of survey: ***AA***
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82435A975745452...

Professional Land Surveyor L-4468



SEE SHEETS
RW02C-11 THRU RW02C-16
FOR FURTHER ALIGNMENT DETAILS

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.

13-JAN-2025 13:48
Z:\CAD\2017\17001SK_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r5739_ls_rw02c-8_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-9

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, KAREN E. STONE, 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:

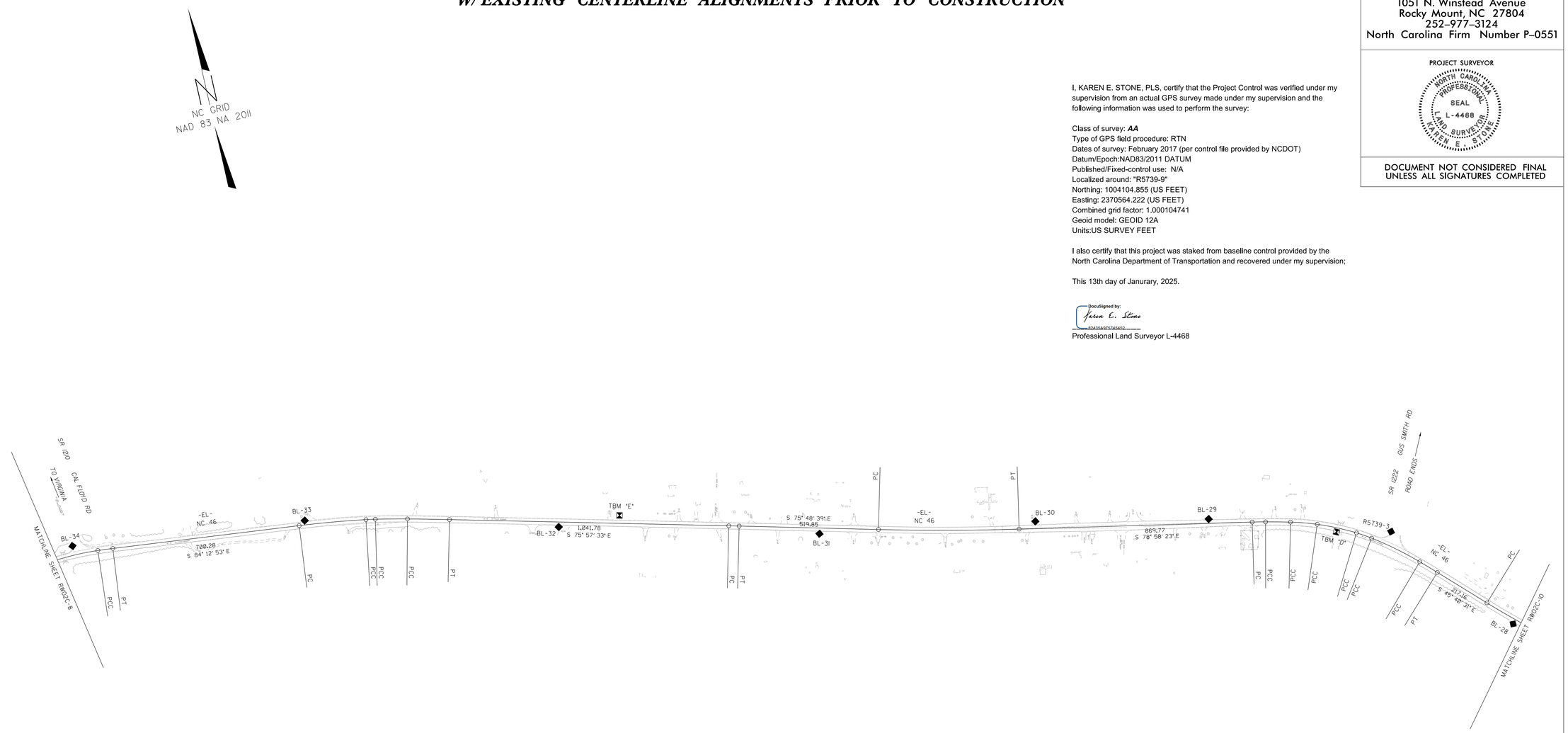
Class of survey: ***AA***
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82436A975745452...

Professional Land Surveyor L-4468



SEE SHEETS
RW02C-11 THRU RW02C-16
FOR FURTHER ALIGNMENT DETAILS

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.

6/2/99
13-JAN-2025 13:54
Z:\CAD\2017\17001SK_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r-5739_ls_rw02c-9_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-10

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, KAREN E. STONE, 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:
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
B2435A975745452...

Professional Land Surveyor L-4468

SEE SHEETS
RW02C-11 THRU RW02C-16
FOR FURTHER ALIGNMENT DETAILS

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.

6/2/99
13-JAN-2025 13:59
Z:\CAD\2017\17015K_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r5739_ls-rw02c10_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-11

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

BL

POINT	DESC.	NORTH	EAST	ELEVATION
BL20		1003673.5980	2398195.1700	178.76
BL21		1003679.1060	2397472.3570	164.17
BL22		1003580.0990	2396808.5320	158.30
BL23		1003536.6720	2396108.6530	142.64
BL24		1003527.8890	2395405.5470	123.94
BL25		1003525.6360	2394774.8610	130.79
BL26		1003691.2560	2394030.9670	139.44
BL27		1004052.4140	2393526.1770	160.76
BL28		1004330.2960	2393174.1350	161.52
R57393		1004766.5560	2392806.2380	138.87
BL29		1004962.6680	2392153.1530	157.26
BL30		1005097.1470	2391520.7750	178.15
BL31		1005229.7750	2390725.2250	185.34
BL32		1005469.1500	2389782.5160	191.25
BL33		1005702.0050	2388863.7470	202.45
BL34		1005800.8390	2387998.1240	186.73
BL35		1005584.8820	2387034.3050	209.19
BL36		1005327.1730	2386060.1330	216.15
BL37		1005375.3930	2385078.6800	210.92
BL38		1005738.3450	2384201.4300	217.73
BL39		1006186.0990	2383347.0960	230.58
BL40		1006536.7210	2382414.0210	231.91
BL41		1006783.0330	2381686.3020	236.36
BL42		1007068.7090	2380870.3550	232.55
BL43		1007364.3660	2379947.1030	236.27
BL44		1007229.5190	2378961.0000	246.58
BL45		1007184.1420	2378063.4390	260.74
BL46		1007142.2270	2377041.1610	254.26
BL47		1007158.1690	2376128.5660	209.29
BL48		1006778.9590	2375225.8560	209.91
BL49		1006443.5290	2374569.3230	240.26
BL50		1006077.6430	2373694.9610	250.29
BL51		1005650.3840	2372890.6190	241.47
BL52		1005038.6930	2372226.0390	224.05
BL53		1004561.5990	2371709.4170	219.51
BL54		1004289.1280	2371179.6940	243.23
R57399		1004104.8550	2370564.2220	241.52
BL55		1003831.2850	2369771.1580	249.42
BL56		1003965.1440	2369104.5270	266.56
BL57		1004422.2700	2368250.6970	276.08
BL58		1004877.6190	2367388.1880	282.79
BL59		1005329.2720	2366534.9810	283.82
BL60		1005967.8110	2365572.5570	297.30
BL61		1006408.4500	2364731.0580	305.28
BL62		1006870.3570	2364026.6580	307.04
BL63		1007770.6950	2363480.8140	320.28
BL64		1008830.6880	2362737.4840	319.45
R573911		1009423.2800	2362574.2210	324.16
BL65		1010240.5240	2361899.7730	321.96
BL66		1010943.8060	2361406.5310	320.29
BL67		1011572.4200	2360878.2630	325.10
BL68		1012303.0180	2360159.5550	311.91
BL69		1012891.7300	2359254.5740	326.90
BL70		1013073.5090	2358691.7020	345.36
BL71		1013558.5240	2357765.8700	326.99
BL72		1014246.3790	2357058.5850	322.67
BL73		1015126.1630	2356475.9160	326.46
BL74		1015672.6750	2355779.8100	322.62
R573913		1016169.6470	2355012.0010	335.68
BL75		1016826.8890	2354173.8190	322.89
BL76		1017375.6020	2353413.6500	300.17
BL77		1017876.0900	2352627.4980	328.58
BL78		1018772.7920	2352044.6100	330.14
R573915		1019593.2620	2351873.7170	336.68
R573916		1020571.0220	2351714.1000	329.24

BY1

POINT	DESC.	NORTH	EAST	ELEVATION
BL20		1003673.5980	2398195.1700	178.76
R57392		1004465.8460	2398225.5660	179.47
R57391		1005595.5050	2398114.6040	172.25

BY2

POINT	DESC.	NORTH	EAST	ELEVATION
R57393		1004766.5560	2392806.2380	138.87
R57394		1005550.9640	2393302.4460	165.35

BY3

POINT	DESC.	NORTH	EAST	ELEVATION
BL34		1005800.8390	2387998.1240	186.73
R57395		1006510.3520	2387880.9480	194.68
R57396		1007459.5160	2387716.7520	208.63

BY4

POINT	DESC.	NORTH	EAST	ELEVATION
BL44		1007229.5190	2378961.0000	246.58
R57397		1006761.1180	2378871.2470	255.28
R57398		1005771.3610	2379182.9370	251.66

BY5

POINT	DESC.	NORTH	EAST	ELEVATION
R57399		1004104.8550	2370564.2220	241.52
R573910		1003038.2540	2370536.5070	242.82

BY6

POINT	DESC.	NORTH	EAST	ELEVATION
R573911		1009423.2800	2362574.2210	324.16
R573912		1010426.5060	2363296.9550	323.34

BY7

POINT	DESC.	NORTH	EAST	ELEVATION
R573913		1016169.6470	2355012.0010	335.68
R573914		1015808.7860	2354094.7140	340.03

I, KAREN E. STONE, 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: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82435A075745452...

Professional Land Surveyor L-4468

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.

6/2/99
13-JAN-2025 14:00
Z:\CAD\2017\17001SK_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r5739_ls_rw02c-11_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-12

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TBM1 ELEVATION = 180.18
N 1003701 E 2398307
TBM A CHISELED X ON CONC ISLAND

TBM2 ELEVATION = 155.56
N 1003598 E 2396442
TBM B NUT ON FIRE HYDRANT

TBM3 ELEVATION = 119.53
N 1003529 E 2395134
TBM C DISK IN HEADWALL STAMPED "NOR-46"

TBM4 ELEVATION = 136.81
N 1004810 E 2392607
TBM D DISK STAMPED "NOR-47"

TBM5 ELEVATION = 195.68
N 1005461 E 2390013
TBM E CHISELED X ON BOLT OF FIRE HYDRANT

TBM6 ELEVATION = 208.73
N 1005657 E 2387198
TBM F CONC MON "GUM"

TBM7 ELEVATION = 211.40
N 1005541 E 2384598
TBM G CHISELED X ON 18" RCP

TBM8 ELEVATION = 238.56
N 1006700 E 2381927
TBM H CHISELED X ON RCP

TBM9 ELEVATION = 241.73
N 1007319 E 2379442
TBM I CHISELED X ON RCP

TBM10 ELEVATION = 228.90
N 1007189 E 2376490
TBM J CHISELED X ON RCP

TBM11 ELEVATION = 238.38
N 1006245 E 2374167
TBM K CHISELED X ON RCP

TBM12 ELEVATION = 213.24
N 1004668 E 2371908
TBM L CHISELED X ON RCP

TBM13 ELEVATION = 267.06
N 1004111 E 2368971
TBM M NGS MON "TT72 AAM"

TBM14 ELEVATION = 282.45
N 1004707 E 2367700
TBM N CHISELED X ON RCP

TBM15 ELEVATION = 304.94
N 1006113 E 2365130
TBM O DISK STAMPED "NOR-52"

TBM16 ELEVATION = 311.06
N 1007130 E 2363911
TBM P CHISELED X ON BOLT OF FIRE HYDRANT

TBM17 ELEVATION = 326.36
N 1009304 E 2362616
TBM Q DISK STAMPED "NOR-53"

TBM18 ELEVATION = 330.08
N 1011484 E 2361001
TBM R CHISELED X ON BOLT OF FIRE HYDRANT

TBM19 ELEVATION = 347.32
N 1013074 E 2358802
TBM S CHISELED X ON BOLT OF FIRE HYDRANT

TBM20 ELEVATION = 331.24
N 1014969 E 2356622
TBM T CHISELED X ON FIRE HYDRANT

TBM21 ELEVATION = 327.64
N 1016480 E 2354666
TBM U CHISELED X ON RCP

TBM22 ELEVATION = 329.70
N 1017905 E 2352617
TBM V CHISELED X ON BOLT OF FIRE HYDRANT

I, KAREN E. STONE, 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:
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82435A97574545 2...

Professional Land Surveyor L-4468

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.

6/2/99
13-JAN-2025 14:03
Z:\CAD\2017\17001SK_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r-5739_ls_rw02c-12_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-13

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	1019616.184	2351851.390							
LINE			S 10°19'22.9" E	309.88					
PC	1019311.320	2351906.920							
CURVE			S 32°17'41.4" E	1893.20	43°56'36.9"(LT)	02°15'52.8"	1940.41	1020.74	2530.00
PT	1017710.980	2352918.411							
LINE			S 54°15'59.8" E	1760.73					
PC	1016682.691	2354347.668							
CURVE			S 54°11'53.2" E	35.87	00°08'13.2"(RT)	00°22'55.1"	35.87	17.93	15000.00
PT	1016661.708	2354376.760							
LINE			S 54°07'46.6" E	255.78					
PC	1016511.832	2354584.031							
CURVE			S 54°18'28.4" E	49.79	00°21'23.6"(LT)	00°42'58.3"	49.79	24.89	8000.00
PT	1016482.785	2354624.466							
LINE			S 54°29'10.2" E	125.34					
PC	1016409.976	2354726.487							
CURVE			S 54°21'56.5" E	33.64	00°14'27.4"(RT)	00°42'58.3"	33.64	16.82	8000.00
PT	1016390.376	2354753.830							
LINE			S 54°14'42.8" E	725.69					
PC	1015966.341	2355342.748							
CURVE			S 54°09'56.3" E	41.67	00°09'33.0"(RT)	00°22'55.1"	41.67	20.83	15000.00
PT	1015941.947	2355376.528							
LINE			S 54°05'09.8" E	297.01					
PC	1015767.729	2355617.078							
CURVE			S 54°13'17.7" E	37.84	00°16'15.7"(LT)	00°42'58.3"	37.84	18.92	8000.00
PT	1015745.605	2355647.779							
LINE			S 54°21'25.5" E	557.08					
PC	1015420.977	2356100.497							
CURVE			S 53°41'45.6" E	150.00	01°19'20.0"(RT)	00°52'53.3"	150.00	75.00	6500.00
PCC	1015332.169	2356221.377							
CURVE			S 46°11'03.5" E	438.95	13°42'04.2"(RT)	03°06'50.0"	440.00	221.05	1840.00
PCC	1015028.264	2356538.112							
CURVE			S 35°32'47.3" E	234.82	07°34'28.3"(RT)	03°13'23.9"	234.99	117.67	1777.54
PT	1014837.204	2356674.628							
LINE			S 31°45'33.1" E	439.54					
PC	1014463.478	2356905.980							
CURVE			S 31°35'16.7" E	35.86	00°20'32.9"(RT)	00°57'17.7"	35.86	17.93	6000.00
PT	1014432.927	2356924.766							
LINE			S 31°25'00.2" E	467.07					
PC	1014034.332	2357168.229							
CURVE			S 32°41'01.8" E	114.99	02°32'03.3"(LT)	02°12'13.3"	115.00	57.51	2600.00
PCC	1013937.548	2357230.324							
CURVE			S 36°54'29.4" E	79.96	05°54'51.9"(LT)	07°23'34.8"	80.00	40.04	775.00
PCC	1013873.609	2357278.346							
CURVE			S 47°44'36.7" E	274.13	15°45'22.8"(LT)	05°43'46.5"	275.00	138.37	1000.00
PCC	1013689.267	2357481.244							
CURVE			S 57°52'43.7" E	64.98	04°30'51.2"(LT)	06°56'41.8"	65.00	32.52	825.00
PCC	1013654.715	2357536.280							
CURVE			S 62°11'16.1" E	136.38	04°06'13.6"(LT)	03°00'30.5"	136.41	68.23	1904.48
PT	1013591.084	2357656.904							
LINE			S 64°14'22.9" E	899.77					
PC	1013200.039	2358467.253							
CURVE			S 64°38'38.9" E	240.00	00°48'32.0"(LT)	00°20'13.3"	240.00	120.00	17000.00
PCC	1013097.262	2358684.130							
CURVE			S 66°04'18.2" E	50.00	02°02'46.6"(LT)	04°05'33.2"	50.00	25.00	1400.00
PCC	1013076.984	2358729.831							
CURVE			S 68°04'33.6" E	155.55	01°57'44.2"(LT)	01°15'41.1"	155.56	77.79	4542.14
PT	1013018.904	2358874.134							
LINE			S 69°03'25.7" E	285.21					
PC	1012916.959	2359140.504							
CURVE			S 67°04'15.2" E	259.95	03°58'21.0"(RT)	01°31'40.4"	260.00	130.05	3750.00
PCC	1012815.685	2359379.913							
CURVE			S 60°38'55.8" E	239.76	08°52'17.8"(RT)	03°41'47.4"	240.00	120.24	1550.00
PCC	1012698.164	2359588.896							
CURVE			S 54°32'40.8" E	141.92	03°20'12.1"(RT)	02°21'02.9"	141.94	70.99	2437.27
PT	1012615.842	2359704.497							
LINE			S 52°52'34.8" E	815.01					
PC	1012123.952	2360354.334							
CURVE			S 52°09'36.5" E	175.00	01°25'56.6"(RT)	00°49'06.6"	175.00	87.50	7000.00
PCC	1012016.600	2360492.533							
CURVE			S 48°40'17.6" E	149.94	05°32'41.1"(RT)	03°41'47.4"	150.00	75.06	1550.00
PCC	1011917.583	2360605.129							
CURVE			S 43°58'47.2" E	133.97	03°50'19.7"(RT)	02°51'53.2"	134.00	67.03	2000.00
PCC	1011821.176	2360698.162							
CURVE			S 41°06'19.6" E	50.00	01°54'35.5"(RT)	03°49'11.0"	50.00	25.00	1500.00
PT	1011783.503	2360731.033							
LINE			S 40°09'01.8" E	1.71					
PC	1011782.194	2360732.137							
CURVE			S 38°58'24.0" E	141.95	02°21'15.6"(RT)	01°39'30.5"	141.96	70.99	3454.72
PT	1011671.838	2360821.416							
LINE			S 37°47'46.2" E	204.52					
PC	1011510.230	2360946.756							
CURVE			S 37°40'25.3" E	42.76	00°14'41.9"(RT)	00°34'22.6"	42.76	21.38	10000.00
PT	1011476.389	2360972.886							
LINE			S 37°33'04.3" E	1457.81					
PC	1010320.623	2361861.378							
CURVE			S 37°37'11.8" E	48.00	00°08'15.1"(LT)	00°17'11.3"	48.00	24.00	20000.00
PT	1010282.601	2361890.680							
LINE			S 37°41'19.4" E	455.81					
PC	1009921.898	2362169.350							
CURVE			S 37°30'14.3" E	45.14	00°22'10.2"(RT)	00°49'06.6"	45.14	22.57	7000.00
PT	1009886.086	2362196.833							
LINE			S 37°19'09.2" E	183.43					
PC	1009740.211	2362308.038							
CURVE			S 36°22'40.6" E	114.99	01°52'57.3"(RT)	01°38'13.3"	115.00	57.51	3500.00
PCC	1009647.626	2362376.242							
CURVE			S 30°46'05.2" E	219.76	09°20'13.5"(RT)	04°14'38.9"	220.00	110.24	1350.00
PT	1009458.801	2362488.662							
LINE			S 26°05'58.4" E	39.78					
PC	1009423.079	2362506.161							
CURVE			S 22°25'16.9" E	141.69	07°21'23.1"(RT)	05°11'18.6"	141.78	70.99	1104.28
PT	1009292.105	2362560.202							
LINE			S 18°44'35.4" E	196.26					
PC	1009106.250	2362623.267							
CURVE			S 26°03'24.7" E	292.79	14°37'38.6"(LT)	04°58'56.1"	293.59	147.60	1150.00
PT	1008843.216	2362751.880							
LINE			S 33°22'14.0" E	297.00					
PC	1008595.184	2362915.244							
CURVE			S 33°17'41.2" E	47.61	00°09'05.5"(RT)	00°19'05.9"	47.61	23.80	18000.00
PT	1008555.391	2362941.378							
LINE			S 33°13'08.4" E	1000.52					
PC	1007718.375	2363489.503							
CURVE			S 33°17'30.1" E	45.68	00°08'43.5"(LT)	00°19'05.9"	45.68	22.84	18000.00
PT	1007680.191	2363514.577							
LINE			S 33°21'51.9" E	905.16					
PC	1006924.211	2364012.380							
CURVE			S 35°09'39.0" E	137.93	03°35'34.2"(LT)	02°36'15.7"	137.95	69.00	2200.00
PCC	1006811.446	2364091.812							
CURVE			S 40°01'36.0" E	74.96	06°08'19.8"(LT)	08°11'06.4"	75.00	37.54	700.00
PCC	1006754.043	2364140.025							
CURVE			S 46°37'19.1" E	159.90	07°03'06.4"(LT)	04°24'26.5"	160.00	80.10	1300.00
PCC	1006644.223	2364256.245							
CURVE			S 52°40'29.1" E	85.97	05°03'13.6"(LT)	05°52'35.4"	86.00	43.03	975.00
PCC	1006592.094	2364324.611							

I, KAREN E. STONE, 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:
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82435A975745452...

Professional Land Surveyor L-4468

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.

6/2/99
13-JAN-2025 14:05
Z:\CAD\2017\17001SK_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r-5739_ls_rw02c-13_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-14

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

EL (CONTINUED)

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
CURVE			S 56°58'40.1" E	92.99	03°33'08.4"(LT)	03°49'11.0"	93.00	46.51	1500.00
PCC	1006541.421	2364402.575							
CURVE			S 61°12'17.9" E	76.98	04°54'07.1"(LT)	06°21'58.3"	77.00	38.52	900.00
PCC	1006504.343	2364470.033							
CURVE			S 65°42'07.4" E	150.07	04°05'32.0"(LT)	02°43'34.4"	150.10	75.08	2101.64
PT	1006442.591	2364606.813							
LINE			S 67°44'53.4" E	426.61					
PC	1006281.041	2365001.656							
CURVE			S 65°03'25.2" E	154.94	05°22'56.4"(RT)	03°28'20.9"	155.00	77.56	1650.00
PCC	1006215.699	2365142.148							
CURVE			S 60°27'21.5" E	79.99	03°49'11.0"(RT)	04°46'28.7"	80.00	40.01	1200.00
PCC	1006176.259	2365211.733							
CURVE			S 58°04'53.9" E	210.00	00°55'44.2"(RT)	00°26'32.5"	210.00	105.00	12952.45
PT	1006065.230	2365389.981							
LINE			S 57°37'01.8" E	991.47					
PC	1005534.222	2366227.270							
CURVE			S 59°48'36.0" E	438.49	04°23'08.5"(LT)	00°59'59.7"	438.60	219.41	5730.00
PT	1005313.717	2366606.288							
LINE			S 62°00'10.3" E	2108.49					
PC	1004323.933	2368468.024							
CURVE			S 62°03'53.7" E	43.33	00°07'26.8"(LT)	00°17'11.3"	43.33	21.66	20000.00
PT	1004303.636	2368506.303							
LINE			S 62°07'37.1" E	620.34					
PC	1004013.620	2369054.671							
CURVE			S 63°04'54.9" E	100.00	01°54'35.5"(LT)	01°54'35.5"	100.00	50.00	3000.00
PCC	1003968.350	2369143.833							
CURVE			S 66°21'48.8" E	79.98	04°39'12.5"(LT)	05°49'00.6"	80.00	40.02	985.00
PCC	1003936.284	2369217.101							
CURVE			S 70°07'21.7" E	99.99	02°51'53.2"(LT)	02°51'53.2"	100.00	50.01	2000.00
PCC	1003902.287	2369311.134							
CURVE			S 73°42'13.2" E	59.99	04°17'49.9"(LT)	07°09'43.1"	60.00	30.01	800.00
PCC	1003885.455	2369368.710							
CURVE			S 81°51'58.1" E	274.50	12°01'39.9"(LT)	04°22'25.4"	275.00	138.01	1310.00
PCC	1003846.618	2369640.444							
CURVE			S 89°58'51.1" E	109.98	04°12'06.1"(LT)	03°49'11.0"	110.00	55.02	1500.00
PCC	1003846.581	2369750.419							
CURVE			N 85°50'50.5" E	59.99	04°08'30.7"(LT)	06°54'11.2"	60.00	30.01	830.00
PCC	1003850.925	2369810.248							
CURVE			N 80°10'20.4" E	194.87	07°12'29.4"(LT)	03°41'47.4"	195.00	97.63	1550.00
PCC	1003884.186	2370002.260							
CURVE			N 74°25'49.3" E	49.99	04°16'32.9"(LT)	08°33'05.8"	50.00	25.01	670.00
PCC	1003897.604	2370050.414							
CURVE			N 71°34'34.5" E	50.00	01°25'56.6"(LT)	02°51'53.2"	50.00	25.00	2000.00
PCC	1003913.405	2370097.850							
CURVE			N 70°17'21.8" E	128.84	01°08'28.9"(LT)	00°53'09.2"	128.84	64.42	6467.66
PT	1003956.858	2370219.138							
LINE			N 69°43'07.3" E	589.59					
PC	1004161.226	2370772.171							
CURVE			N 69°40'49.5" E	26.73	00°04'35.7"(LT)	00°17'11.3"	26.73	13.36	20000.00
PT	1004170.508	2370797.237							
LINE			N 69°38'31.7" E	292.96					
PC	1004272.424	2371071.898							
CURVE			N 66°07'01.0" E	270.54	07°03'01.4"(LT)	02°36'15.7"	270.72	135.53	2200.00
PT	1004381.960	2371319.277							
LINE			N 62°35'30.3" E	451.47					
PC	1004589.784	2371720.071							
CURVE			N 60°36'00.1" E	145.97	03°59'00.3"(LT)	02°43'42.1"	146.00	73.03	2100.00
PCC	1004661.442	2371847.242							
CURVE			N 56°25'03.4" E	64.98	04°22'53.2"(LT)	06°44'26.4"	65.00	32.52	850.00
PCC	1004697.387	2371901.380							
CURVE			N 52°43'08.7" E	99.99	03°00'56.0"(LT)	03°00'56.0"	100.00	50.01	1900.00
PCC	1004757.952	2371980.938							
CURVE			N 48°01'41.6" E	99.95	06°21'58.3"(LT)	06°21'58.3"	100.00	50.05	900.00
PCC	1004824.794	2372055.247							
CURVE			N 43°07'39.6" E	148.36	03°26'05.6"(LT)	02°18'53.4"	148.39	74.22	2475.17
PT	1004933.076	2372156.674							
LINE			N 41°24'36.8" E	384.06					
PC	1005221.116	2372410.706							
CURVE			N 46°58'18.7" E	295.60	11°07'23.8"(RT)	03°45'25.6"	296.06	148.50	1525.00
PT	1005422.818	2372626.793							
LINE			N 52°32'00.6" E	284.97					
PC	1005596.163	2372852.974							
CURVE			N 58°40'16.3" E	513.21	12°16'31.4"(RT)	02°23'14.4"	514.19	258.08	2400.00
PT	1005863.004	2373291.355							
LINE			N 64°48'32.1" E	1278.91					
PC	1006407.356	2374448.629							
CURVE			N 65°15'17.1" E	186.76	00°53'30.1"(RT)	00°28'38.9"	186.76	93.38	12000.00
PT	1006485.530	2374618.237							
LINE			N 65°42'02.2" E	719.37					
PC	1006781.555	2375273.878							
CURVE			N 65°46'12.2" E	48.49	00°08'20.1"(RT)	00°17'11.3"	48.49	24.24	20000.00
PT	1006801.454	2375318.095							
LINE			N 65°50'22.3" E	507.76					
PC	1007009.276	2375781.373							
CURVE			N 66°19'45.8" E	171.00	00°58'47.1"(RT)	00°34'22.6"	171.00	85.50	10000.00
PCC	1007077.928	2375937.985							
CURVE			N 73°18'32.1" E	221.53	12°58'45.3"(RT)	05°50'47.4"	222.00	111.48	980.00
PCC	1007141.552	2376150.177							
CURVE			N 82°18'18.8" E	69.98	05°00'48.2"(RT)	07°09'43.1"	70.00	35.02	800.00
PCC	1007150.922	2376219.524							
CURVE			N 86°57'37.8" E	119.97	04°17'49.9"(RT)	03°34'51.6"	120.00	60.03	1600.00
PCC	1007157.283	2376339.327							
CURVE			N 89°29'01.5" E	92.18	00°44'57.6"(RT)	00°48'46.4"	92.18	46.09	7048.53
PT	1007158.114	2376431.506							
LINE			N 89°51'30.3" E	361.79					
PC	1007159.008	2376793.293							
CURVE			N 89°46'10.5" E	31.01	00°10'39.6"(LT)	00°34'22.6"	31.01	15.50	10000.00
PT	1007159.133	2376824.300							
LINE			N 89°40'50.8" E	1706.82					
PC	1007168.643	2378531.093							
CURVE			N 84°55'09.8" E	352.78	09°31'21.9"(LT)	02°41'46.6"	353.18	177.00	2125.00
PT	1007199.883	2378882.483							
LINE			N 80°09'28.9" E	773.00					
PC	1007332.014	2379644.108							
CURVE			N 82°05'45.5" E	114.98	03°52'33.2"(RT)	03°22'13.2"	115.00	57.52	1700.00
PCC	1007347.825	2379757.994							
CURVE			N 86°48'22.6" E	59.98	05°32'41.1"(RT)	09°14'28.5"	60.00	30.02	620.00
PCC	1007351.166	2379817.877							
CURVE			S 87°40'33.3" E	114.96	05°29'27.0"(RT)	04°46'28.7"	115.00	57.54	1200.00
PCC	1007346.504	2379932.739							
CURVE			S 80°55'59.2" E	119.90	07°59'41.1"(RT)	06°39'44.3"	120.00	60.10	860.00
PCC	1007327.609	2380051.143							
CURVE			S 74°32'54.3" E	99.97	04°46'28.7"(RT)	04°46'28.7"	100.00	50.03	1200.00
PCC	1007300.975	2380147.501							
CURVE			S 71°20'04.5" E	121.12	01°39'10.9"(RT)	01°21'53.1"	121.12	60.57	4198.26
PT	1007262.212	2380262.249							
LINE			S 70°30'29.0" E	1385.71					
PC	1006799.837	2381568.539							
CURVE			S 70°52'52.1" E	260.44	00°44'46.1"(LT)	00°17'11.3"	260.45	130.23	20000.00
PT	1006714.534	2381814.618							
LINE			S 71°15'15.1" E	1089.77					

I, KAREN E. STONE, 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:
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
824353A975745452...

Professional Land Surveyor L-4468

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.

6/2/99
13-JAN-2025 14:06
Z:\CAD\2017\17015K_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\Rw\RW02C Series Sheets\r-5739_ls-rw02c-14_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-15

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, KAREN E. STONE, 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:
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
82435A975745452...

Professional Land Surveyor L-4468

EL (CONTINUED)

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	1006364.313	2382846.584							
CURVE			S 70°44'01.5" E	218.00	01°02'27.1"(RT)	00°28'38.9"	218.00	109.00	12000.00
PCC	1006292.383	2383052.372							
CURVE			S 68°36'06.7" E	89.99	03°13'22.4"(RT)	03°34'51.6"	90.00	45.01	1600.00
PCC	1006259.551	2383136.157							
CURVE			S 66°03'33.7" E	129.99	01°51'43.6"(RT)	01°25'56.6"	130.00	65.01	4000.00
PCC	1006206.800	2383254.967							
CURVE			S 64°50'58.4" E	278.94	00°33'27.0"(RT)	00°11'59.5"	278.95	139.47	28667.55
PT	1006088.250	2383507.466							
LINE			S 64°34'14.9" E	1197.53					
PC	1005574.038	2384588.972							
CURVE			S 66°47'19.4" E	239.94	04°26'08.9"(LT)	01°50'53.7"	240.00	120.06	3100.00
PCC	1005479.472	2384809.491							
CURVE			S 70°44'50.1" E	119.98	03°28'52.5"(LT)	02°54'03.8"	120.00	60.02	1975.00
PCC	1005439.910	2384922.762							
CURVE			S 73°30'43.3" E	142.99	02°02'54.0"(LT)	01°25'56.6"	143.00	71.51	4000.00
PCC	1005399.327	2385059.875							
CURVE			S 76°12'26.4" E	69.99	03°20'32.1"(LT)	04°46'28.7"	70.00	35.01	1200.00
PCC	1005382.640	2385127.847							
CURVE			S 78°44'16.4" E	120.00	01°43'07.9"(LT)	01°25'56.6"	120.00	60.00	4000.00
PCC	1005359.205	2385245.531							
CURVE			S 80°37'13.7" E	50.00	02°02'46.6"(LT)	04°05'33.2"	50.00	25.00	1400.00
PCC	1005351.057	2385294.860							
CURVE			S 83°04'33.6" E	189.98	02°51'53.2"(LT)	01°30'28.0"	190.00	95.02	3800.00
PCC	1005328.155	2385483.455							
CURVE			S 87°06'45.9" E	149.95	05°12'31.3"(LT)	03°28'20.9"	150.00	75.05	1650.00
PCC	1005320.602	2385633.213							
CURVE			N 87°25'05.2" E	299.88	05°43'46.5"(LT)	01°54'35.5"	300.00	150.13	3000.00
PCC	1005334.110	2385932.784							
CURVE			N 83°12'37.6" E	74.99	02°41'08.7"(LT)	03°34'51.6"	75.00	37.51	1600.00
PCC	1005342.976	2386007.251							
CURVE			N 79°44'43.9" E	199.95	04°14'38.9"(LT)	02°07'19.4"	200.00	100.05	2700.00
PCC	1005378.572	2386204.011							
CURVE			N 77°25'42.8" E	127.47	00°23'23.2"(LT)	00°18'20.7"	127.47	63.74	18738.60
PT	1005406.318	2386328.429							
LINE			N 77°14'01.3" E	368.25					
PC	1005487.692	2386687.576							
CURVE			N 77°07'54.2" E	35.59	00°12'14.2"(LT)	00°34'22.6"	35.59	17.80	10000.00
PT	1005495.619	2386722.276							
LINE			N 77°01'47.1" E	940.20					
PC	1005706.643	2387638.491							
CURVE			N 77°15'52.8" E	164.00	00°28'11.4"(RT)	00°17'11.3"	164.00	82.00	20000.00
PCC	1005742.796	2387798.456							
CURVE			N 85°51'57.7" E	288.97	16°43'58.5"(RT)	05°46'11.9"	290.00	146.04	993.00
PCC	1005763.628	2388086.675							
CURVE			S 84°59'28.1" E	56.44	01°33'09.9"(RT)	02°45'03.1"	56.45	28.22	2082.83
PT	1005758.700	2388142.904							
LINE			S 84°12'53.1" E	700.28					
PC	1005688.112	2388839.612							
CURVE			S 82°21'16.2" E	249.96	03°43'13.8"(RT)	01°29'17.5"	250.00	125.04	3850.00
PCC	1005654.857	2389087.346							
CURVE			S 79°39'31.3" E	35.00	01°40'16.1"(RT)	04°46'28.7"	35.00	17.50	1200.00
PCC	1005648.574	2389121.777							
CURVE			S 77°46'53.0" E	119.99	02°05'00.5"(RT)	01°44'10.4"	120.00	60.01	3300.00
PCC	1005623.179	2389239.052							
CURVE			S 76°20'57.9" E	156.64	00°46'49.7"(RT)	00°29'53.7"	156.64	78.32	11499.52
PT	1005586.211	2389391.270							
LINE			S 75°57'33.0" E	1041.78					
PC	1005333.463	2390401.920							
CURVE			S 75°53'06.1" E	38.83	00°08'54.0"(RT)	00°22'55.1"	38.83	19.41	15000.00
PT	1005323.993	2390439.578							
LINE			S 75°48'39.1" E	519.85					
PC	1005196.565	2390943.572							
CURVE			S 77°23'31.2" E	524.26	03°09'44.2"(LT)	00°36'11.2"	524.33	262.23	9500.00
PT	1005082.129	2391455.190							
LINE			S 78°58'23.3" E	869.77					
PC	1004915.769	2392308.902							
CURVE			S 78°07'50.0" E	50.00	01°41'06.6"(RT)	03°22'13.2"	50.00	25.00	1700.00
PCC	1004905.486	2392357.831							
CURVE			S 76°37'18.9" E	93.00	01°19'55.7"(RT)	01°25'56.6"	93.00	46.50	4000.00
PCC	1004883.968	2392448.306							
CURVE			S 72°35'07.8" E	99.94	06°44'26.4"(RT)	06°44'26.4"	100.00	50.06	850.00
PCC	1004854.057	2392543.667							
CURVE			S 64°55'04.7" E	149.86	08°35'39.7"(RT)	05°43'46.5"	150.00	75.14	1000.00
PCC	1004790.529	2392679.395							
CURVE			S 58°04'27.6" E	59.98	05°05'34.6"(RT)	08°29'17.7"	60.00	30.02	675.00
PCC	1004758.811	2392730.303							
CURVE			S 51°04'08.5" E	199.80	08°55'03.5"(RT)	04°27'31.7"	200.00	100.20	1285.00
PCC	1004633.261	2392885.726							
CURVE			S 46°08'33.7" E	76.61	00°56'06.0"(RT)	01°13'13.5"	76.61	38.31	4694.82
PT	1004580.178	2392940.970							
LINE			S 45°40'30.7" E	217.16					
PC	1004428.445	2393096.322							
CURVE			S 49°30'46.2" E	408.27	07°40'31.1"(LT)	01°52'42.8"	408.58	204.59	3050.00
PT	1004163.364	2393406.833							
LINE			S 53°21'01.8" E	554.41					
PC	1003832.429	2393851.634							
CURVE			S 56°23'20.1" E	209.90	06°04'36.6"(LT)	02°53'37.4"	210.00	105.10	1980.00
PCC	1003716.237	2394026.443							
CURVE			S 61°08'46.3" E	59.99	03°26'15.9"(LT)	05°43'46.5"	60.00	30.01	1000.00
PCC	1003687.287	2394078.986							
CURVE			S 64°21'48.9" E	67.99	02°59'49.2"(LT)	04°24'26.5"	68.00	34.01	1300.00
PCC	1003657.870	2394140.285							
CURVE			S 67°46'19.0" E	59.99	03°49'11.0"(LT)	06°21'58.3"	60.00	30.01	900.00
PCC	1003635.176	2394195.816							
CURVE			S 72°02'18.4" E	159.95	04°42'47.8"(LT)	02°56'44.9"	160.00	80.05	1945.00
PCC	1003585.849	2394347.975							
CURVE			S 76°41'12.9" E	59.98	04°35'01.2"(LT)	07°38'22.0"	60.00	30.02	750.00
PCC	1003572.037	2394406.347							
CURVE			S 80°53'18.9" E	99.98	03°49'11.0"(LT)	03°49'11.0"	100.00	50.02	1500.00
PCC	1003556.204	2394505.067							
CURVE			S 85°39'47.7" E	109.95	05°43'46.5"(LT)	05°12'31.3"	110.00	55.05	1100.00
PCC	1003547.890	2394614.707							
CURVE			S 89°21'01.3" E	112.29	01°38'40.8"(LT)	01°27'52.4"	112.30	56.15	3912.17
PT	1003546.616	2394726.993							
LINE			N 89°49'38.3" E	1003.85					
PC	1003549.642	2395730.836							
CURVE			N 87°57'58.3" E	699.88	03°43'20.0"(LT)	00°31'54.3"	700.00	350.12	10775.00
PCC	1003574.480	2396430.272							
CURVE			N 85°38'24.0" E	475.60	00°55'48.5"(LT)	00°11'44.1"	475.60	237.81	29296.53
PT	1003610.636	2396904.492							
LINE			N 85°10'29.8" E	259.15					
PC	1003632.435	2397162.726							
CURVE			N 85°19'48.5" E	108.35	00°18'37.4"(RT)	00°17'11.3"	108.35	54.17	20000.00
PT	1003641.256	2397270.715							
LINE			N 85°29'07.2" E	887.30					
PC	1003711.099	2398155.266							
CURVE			N 78°55'18.6" E	274.33	13°07'37.2"(LT)	04°46'28.7"	274.93	138.07	1200.00
PT	1003763.811	2398424.484							
LINE			N 72°21'30.0" E	165.73					
POT	1003814.037	2398582.417							

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.

6/2/99
13-JAN-2025 14:07
Z:\CAD\2017\17015K_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r-5739_ls-rw02c-15_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 1D0FFFD4-56CD-4EC2-BAE5-E498B795CCDC

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW02C-16

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

EY

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	1017907.851	2352677.524							
LINE			S 19°53'15.8" W	47.80					
PC	1017862.902	2352661.264							
CURVE			S 13°52'08.4" W	98.27	12°02'14.8"(LT)	12°13'36.5"	98.45	49.41	468.61
PCC	1017767.497	2352637.708							
CURVE			S 06°24'44.0" W	126.99	02°52'34.0"(LT)	02°15'52.8"	127.00	63.51	2530.00
PT	1017641.305	2352623.526							
LINE			S 04°58'27.0" W	98.51					
POT	1017543.166	2352614.985							

EY1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	1016210.541	2355003.593							
LINE			S 65°15'49.6" W	114.87					
PC	1016162.475	2354899.266							
CURVE			S 66°19'09.9" W	110.54	02°06'40.6"(RT)	01°54'35.5"	110.55	55.28	3000.00
PT	1016118.078	2354798.033							
LINE			S 67°22'30.2" W	357.46					
POT	1015980.566	2354468.085							

EY2

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	1010172.136	2363105.857							
LINE			S 33°52'39.1" W	627.82					
PC	1009650.898	2362755.897							
CURVE			S 33°38'29.3" W	32.96	00°28'19.6"(LT)	01°25'56.6"	32.96	16.48	4000.00
PT	1009623.459	2362737.637							
LINE			S 33°24'19.4" W	348.69					
POT	1009332.373	2362545.662							

EY3

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	1009316.988	2362551.426							
LINE			S 45°55'49.7" W	13.37					
PC	1009307.690	2362541.821							
CURVE			S 41°14'40.9" W	81.69	09°22'17.6"(LT)	11°27'33.0"	81.78	40.98	500.00
PT	1009246.266	2362487.964							
LINE			S 36°33'32.1" W	88.58					
PC	1009175.111	2362435.199							
CURVE			S 36°05'12.9" W	65.90	00°56'38.5"(LT)	01°25'56.6"	65.91	32.95	4000.00
PT	1009121.852	2362396.380							
LINE			S 35°36'53.6" W	127.58					
PC	1009018.138	2362322.087							
CURVE			S 35°14'03.4" W	53.14	00°45'40.4"(LT)	01°25'56.6"	53.14	26.57	4000.00
PT	1008974.731	2362291.428							
LINE			S 34°51'13.2" W	71.19					
POT	1008916.310	2362250.744							

EY4

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	1004089.667	2398370.141							
CURVE			S 21°27'10.3" W	109.91	07°52'41.4"(LT)	07°09'43.1"	110.00	55.09	800.00
PCC	1003987.368	2398329.941							
CURVE			S 13°11'01.0" W	146.63	08°39'37.3"(LT)	05°54'02.1"	146.77	73.53	971.02
PT	1003844.601	2398296.499							
LINE			S 08°51'12.3" W	78.55					
PC	1003766.989	2398284.410							
CURVE			S 02°37'47.8" W	78.97	12°26'49.0"(LT)	15°43'50.0"	79.13	39.72	364.23
PCC	1003688.102	2398280.786							
CURVE			S 04°47'13.8" E	74.99	02°23'14.4"(LT)	03°10'59.2"	75.00	37.51	1800.00
PT	1003613.369	2398287.045							
LINE			S 05°58'51.0" E	166.42					
POT	1003447.855	2398304.385							

I, KAREN E. STONE, 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:
Type of GPS field procedure: RTN
Dates of survey: February 2017 (per control file provided by NCDOT)
Datum/Epoch:NAD83/2011 DATUM
Published/Fixed-control use: N/A
Localized around: "R5739-9"
Northing: 1004104.855 (US FEET)
Easting: 2370564.222 (US FEET)
Combined grid factor: 1.000104741
Geoid model: GEOID 12A
Units:US SURVEY FEET

I also certify that this project was staked from baseline control provided by the North Carolina Department of Transportation and recovered under my supervision;

This 13th day of Janurary, 2025.

DocuSigned by:
Karen E. Stone
B2435A07575454 52...

Professional Land Surveyor L-4468

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.

6/2/99
13-JAN-2025 14:08
Z:\CAD\2017\12001SK_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\RW02C Series Sheets\r5739_ls_rw02c-16_250107.dgn
jmatthews AT JKA-042

Docusign Envelope ID: 446A4171-DF4F-4358-8DB0-822C6655A592

6/2/99

REVISIONS

PROPOSED ALIGNMENT CONTROL SHEET

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	1019616.1842	2351851.3902
PC	13+09.88	1019311.3202	2351906.9200
PT	32+50.29	1017710.9799	2352918.4107
PC	50+11.02	1016682.6892	2354347.6702
PT	50+46.89	1016661.7061	2354376.7619
PC	53+02.67	1016511.8314	2354584.0311
PT	53+52.45	1016482.7845	2354624.4658
PC	54+77.79	1016409.9764	2354726.4868
PT	55+11.43	1016390.3762	2354753.8296
PC	62+37.13	1015966.3405	2355342.7487
PT	62+78.79	1015941.9470	2355376.5285
PC	65+75.80	1015767.7299	2355617.0768
PT	66+13.65	1015745.6051	2355647.7778
PC	72+69.86	1015363.2089	2356181.0591
PT	80+03.46	1014830.6647	2356678.6761
PC	84+35.30	1014463.4788	2356905.9792
PT	84+71.17	1014432.9276	2356924.7655
PC	89+85.41	1013994.0761	2357192.8174
PT	95+64.01	1013610.9211	2357615.7968
PC	106+23.77	1013150.3398	2358570.2419
PT	109+60.09	1013017.0707	2358878.9237
PC	113+12.96	1012890.9436	2359208.4780
PT	118+83.42	1012615.0063	2359705.6011
PC	127+76.70	1012075.8822	2360417.8392
PT	133+38.39	1011681.3666	2360815.3097
PC	150+54.74	1010320.6298	2361861.3729
PT	151+02.74	1010282.6075	2361890.6751
PC	157+97.74	1009732.6234	2362315.5781
PT	165+58.99	1009077.3203	2362698.8308
PC	167+58.99	1008893.1560	2362776.8278
PT	172+89.32	1008425.9031	2363026.1739
PC	181+35.04	1007718.3847	2363489.4962
PT	181+80.72	1007680.2002	2363514.5708
PC	191+17.72	1006897.6318	2364029.8825
PT	198+13.84	1006461.9749	2364559.4357
PC	202+78.35	1006286.0760	2364989.3505
PT	205+96.63	1006140.2040	2365271.7627
PC	217+28.09	1005534.2221	2366227.2698
PT	221+66.69	1005313.7167	2366606.2882
PC	242+75.20	1004323.9238	2368468.0417
PT	243+18.53	1004303.6264	2368506.3200
PC	249+80.20	1003994.2883	2369091.2237
PT	260+55.97	1003925.1475	2370133.3270
PC	267+37.07	1004161.2347	2370772.1946
PT	267+63.80	1004170.5165	2370797.2600
PC	270+56.73	1004272.4237	2371071.8984
PT	273+27.45	1004381.9595	2371319.2774
PC	278+09.92	1004604.0557	2371747.5931
PT	282+97.91	1004902.7762	2372129.9514
PC	287+22.37	1005221.1158	2372410.7065
PT	290+18.43	1005422.8178	2372626.7925
PC	293+03.39	1005596.1627	2372852.9737
PT	298+17.58	1005863.0043	2373291.3547
PC	310+96.49	1006407.3565	2374448.6289
PT	312+83.25	1006485.5298	2374618.2370
PC	320+02.62	1006781.5538	2375273.8761
PT	320+51.11	1006801.4533	2375318.0927
PC	326+86.58	1007061.5476	2375897.8980
PT	331+47.71	1007157.9013	2376345.4032
PC	335+95.60	1007159.0080	2376793.2913
PT	336+26.61	1007159.1327	2376824.2993
PC	353+33.43	1007168.6426	2378531.0935
PT	356+86.61	1007199.8834	2378882.4829
PC	364+84.59	1007336.2827	2379668.7162
PT	369+96.56	1007293.6883	2380173.3218
PC	384+76.60	1006799.8365	2381568.5401
PT	387+37.05	1006714.5332	2381814.6192
PC	399+36.09	1006329.1954	2382950.0607
PT	403+09.36	1006188.9169	2383295.7411
PC	417+75.74	1005559.2618	2384620.0498
PT	434+15.67	1005381.7413	2386219.9614
PC	438+95.13	1005487.6914	2386687.5749
PT	439+30.73	1005495.6187	2386722.2755
PC	450+20.04	1005740.1095	2387783.7948
PT	453+57.21	1005761.1421	2388118.7974
PC	461+08.84	1005685.3777	2388866.6003
PT	465+41.10	1005611.0269	2389292.0398
PC	476+85.15	1005333.4647	2390401.9115
PT	477+23.98	1005323.9953	2390439.5691
PC	482+43.84	1005196.5646	2390943.5721
PT	487+68.17	1005082.1293	2391455.1906
PC	497+03.06	1004903.3147	2392372.8156
PT	502+90.03	1004634.5060	2392885.3461
PC	505+84.94	1004428.4445	2393096.3224
PT	509+93.51	1004163.3639	2393406.8328
PC	515+89.81	1003807.4215	2393885.2456
PT	524+38.14	1003546.4662	2394677.1563
PC	534+91.82	1003549.6420	2395730.8352
PCC	541+91.82	1003574.4801	2396430.2710
PT	546+67.42	1003610.6363	2396904.4918
PC	549+26.57	1003632.4346	2397162.7261
PT	550+34.92	1003641.2558	2397270.7153
PC	559+22.23	1003711.0993	2398155.2658
PT	561+97.16	1003763.8114	2398424.4844
POT	563+62.88	1003814.0369	2398582.4165

Y

TYPE	STATION	NORTH	EAST
POT	10+00.00	1017907.8507	2352677.5241
PC	10+47.80	1017862.9022	2352661.2639
PCC	11+46.25	1017767.4969	2352637.7082
PT	12+73.25	1017641.3041	2352623.5262
POT	13+71.76	1017543.1656	2352614.9847

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	1016254.8791	2354942.0138
PC	10+64.41	1016202.6082	2354904.3774
PT	12+02.38	1016117.9273	2354797.6707
POT	15+59.44	1015980.5659	2354468.0855

Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	1010172.1359	2363105.8569
PC	13+82.96	1009854.1869	2362892.3851
PT	16+57.20	1009608.5241	2362772.4542
PC	17+95.87	1009476.7651	2362729.2229
PT	19+86.06	1009326.0884	2362618.4286
PC	20+60.06	1009283.1057	2362558.1917
PT	22+90.66	1009120.9312	2362395.7206
POT	24+17.11	1009018.1379	2362322.0874

Y3

TYPE	STATION	NORTH	EAST
POT	10+00.00	1005963.4923	2387987.1411
POT	12+00.00	1005766.3708	2388020.9510

Y4

TYPE	STATION	NORTH	EAST
POT	10+00.00	1005539.0834	2390404.0735
POT	12+00.00	1005345.0982	2390355.3935

Y5

TYPE	STATION	NORTH	EAST
POT	10+00.00	1004886.4428	2392890.0765
POT	12+00.00	1004706.0036	2392803.8112

Y6

TYPE	STATION	NORTH	EAST
POT	10+00.00	1003770.0887	2394426.3571
POT	12+00.00	1003570.0973	2394424.4943

Y7

TYPE	STATION	NORTH	EAST
POT	10+00.00	1003549.4471	2395666.1803
POT	11+50.00	1003402.0136	2395638.5512

Y8

TYPE	STATION	NORTH	EAST
POT	10+00.00	1003748.8383	2395773.9052
POT	12+00.00	1003550.0331	2395795.7334

Y9

TYPE	STATION	NORTH	EAST
POT	10+00.00	1003757.3607	2396110.1152
POT	12+00.00	1003558.1624	2396128.0050

Y10

TYPE	STATION	NORTH	EAST
POT	10+00.00	1003775.5790	2396444.8318
POT	12+00.00	1003577.2627	2396470.7289

Y11

TYPE	STATION	NORTH	EAST
POT	10+00.00	1003849.6757	2397376.6802
POT	12+00.00	1003652.0476	2397407.3903

Y12

TYPE	STATION	NORTH	EAST
POT	10+00.00	1003694.4976	2397945.0093
POT	12+00.00	1003495.3739	2397963.7106

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.
R-5739	RW02D-1

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Karen E. Stone, 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 7th day of January, 2025.

DocuSigned by:
Karen E. Stone
B2435A97574542...

Professional Land Surveyor L-4468

07-JAN-2025 12:48
rpoutress
R-5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\rick\previous plan sheets\rw series files\r-5739_LS_rw02d.dgn
AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

REVISIONS

08-JAN-2025 16:07
r_poythress

RIGHT OF WAY CONTROL SHEET

NOTE: xx = POINTS NOT SET DUE TO OBSTRUCTIONS

ROW MARKER IRON PIN AND CAP-E

	ALIGN	STATION	OFFSET	NORTH	EAST
	L	12·50.00	40.00	1019363.0630	2351856.8371
	L	12·50.00	-40.00	1019377.3988	2351935.5422
	L	13·09.88	-40.00	1019318.4881	2351946.2725
	L	13·09.88	40.00	1019304.1523	2351867.5675
	L	28·62.24	40.00	1017932.3081	2352593.9474
	L	30·30.08	55.00	1017805.5149	2352709.5934
	L	30·70.00	40.00	1017790.6703	2352750.3230
	L	32·50.29	-40.00	1017743.4496	2352941.7713
	L	32·50.29	40.00	1017678.5101	2352895.0501
	L	50·11.02	-40.00	1016715.1589	2354371.0308
	L	50·11.02	40.00	1016650.2194	2354324.3096
	L	50·46.89	-40.00	1016694.1199	2354400.2000
	L	50·46.89	40.00	1016629.2923	2354353.3237
	L	53·02.67	40.00	1016479.4176	2354560.5929
	L	53·02.67	-40.00	1016544.2451	2354607.4692
	L	53·52.45	40.00	1016450.2255	2354601.2298
	L	53·52.45	-40.00	1016515.3435	2354647.7017
	L	54·77.79	-40.00	1016442.5354	2354749.7228
	L	54·77.79	40.00	1016377.4174	2354703.2508
	L	55·11.43	-40.00	1016422.8372	2354777.2023
	L	55·11.43	40.00	1016357.9152	2354730.4569
	L	56·40.00	40.00	1016282.7903	2354834.7936
	L	59·05.42	40.00	1016127.7016	2355050.1875
	L	62·37.13	-40.00	1015998.8015	2355366.1214
	L	62·37.13	40.00	1015933.8795	2355319.3760
	L	62·78.79	-40.00	1015974.3429	2355399.9913
	L	62·78.79	40.00	1015909.5510	2355353.0657
	L	65·75.80	-40.00	1015800.1258	2355640.5395
	L	65·75.80	40.00	1015735.3339	2355593.6140
	L	66·13.65	40.00	1015713.0986	2355624.4686
	L	66·13.65	-40.00	1015778.1117	2355671.0871
	L	72·69.86	-40.00	1015395.7155	2356204.3684
	L	72·69.86	40.00	1015330.7023	2356157.7498
	L	80·03.46	-40.00	1014851.7187	2356712.6868
	L	80·03.46	40.00	1014809.6106	2356644.6654
	L	84·35.30	-40.00	1014484.5328	2356939.9899
	L	84·35.30	40.00	1014442.4248	2356871.9685
	L	84·71.17	-40.00	1014453.7780	2356958.9015
	L	84·71.17	40.00	1014412.0773	2356890.6296
	L	89·85.41	40.00	1013973.2258	2357158.6814
	L	89·85.41	-40.00	1014014.9265	2357226.9533
	L	95·64.01	40.00	1013574.8963	2357598.4125
	L	95·64.01	-40.00	1013646.9459	2357633.1811
	L	100·50.00	40.00	1013363.6799	2358036.1081
	L	106·23.77	-40.00	1013186.3646	2358587.6261
xx	L	109·60.09	-40.00	1013054.4282	2358893.2212
	L	109·88.44	-40.00	1013044.2955	2358919.6968
	L	111·92.00	30.00	1012906.1600	2359084.7885
	L	111·92.00	40.00	1012896.8206	2359081.2141
	L	113·12.96	40.00	1012853.5861	2359194.1805
	L	113·12.96	-40.00	1012928.3011	2359222.7754
	L	118·83.42	-40.00	1012646.8997	2359729.7426
	L	118·83.42	40.00	1012583.1129	2359681.4596
	L	127·76.70	40.00	1012043.9888	2360393.6977
	L	127·76.70	-40.00	1012107.7756	2360441.9807
	L	133·38.39	40.00	1011656.9878	2360783.5973
	L	133·38.39	-40.00	1011705.7454	2360847.0220
	L	150·54.74	-40.00	1010345.0086	2361893.0853
	L	150·54.74	40.00	1010296.2510	2361829.6605
	L	151·02.74	-40.00	1010307.0623	2361922.3289
	L	151·02.74	40.00	1010258.1526	2361859.0214
	L	157·97.74	40.00	1009708.1686	2362283.9244
	L	157·97.74	-40.00	1009757.0783	2362347.2319
	L	160·89.25	40.00	1009472.3207	2362448.2548
	L	161·93.29	-40.00	1009424.4232	2362570.4336
	L	164·00.00	-40.00	1009239.5377	2362668.8698
	L	165·58.99	-40.00	1009092.9197	2362735.6637
	L	167·58.99	-40.00	1008908.7554	2362813.6607
	L	170·49.63	40.00	1008612.3838	2362867.9932
	L	172·89.32	40.00	1008403.9895	2362992.7106
	L	172·89.32	-40.00	1008447.8168	2363059.6372
	L	181·35.04	-40.00	1007740.2983	2363522.9596
	L	181·35.04	40.00	1007696.4711	2363456.0329
	L	181·80.72	40.00	1007658.2018	2363481.1632
	L	181·80.72	-40.00	1007702.1987	2363547.9784
	L	191·17.72	-40.00	1006919.6303	2364063.2901
	L	191·17.72	40.00	1006875.6333	2363996.4749
	L	198·13.84	40.00	1006424.9538	2364544.2885
	L	198·13.84	-40.00	1006498.9961	2364574.5828
	L	202·78.35	-40.00	1006323.0972	2365004.4977
	L	202·78.35	40.00	1006249.0549	2364974.2034
	L	205·96.63	-40.00	1006173.9835	2365293.1857
	L	205·96.63	40.00	1006106.4245	2365250.3397
	L	217·28.09	-40.00	1005568.0016	2366248.6927
	L	217·28.09	40.00	1005500.4426	2366205.8468
	L	221·66.69	-40.00	1005349.0356	2366625.0653
	L	221·66.69	40.00	1005278.3979	2366587.5111
	L	242·75.20	-40.00	1004359.2426	2368486.8188
xx	L	242·75.20	40.00	1004288.6049	2368449.2646
	L	243·18.53	-40.00	1004338.9858	2368525.0206
	L	243·18.53	40.00	1004268.2670	2368487.6195

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	249·80.20	-40.00	1004029.6477	2369109.9243
L	249·80.20	40.00	1003958.9289	2369072.5232
L	260·55.97	40.00	1003887.6274	2370147.1922
L	260·55.97	-40.00	1003962.6675	2370119.4618
L	264·64.67	40.00	1004029.2951	2370530.5542
L	265·29.69	40.00	1004051.8298	2370591.5348
L	267·37.07	40.00	1004123.7146	2370786.0598
L	267·37.07	-40.00	1004198.7548	2370758.3294
L	267·63.80	40.00	1004133.0149	2370811.1753
L	267·63.80	-40.00	1004208.0180	2370783.3447
L	270·56.73	40.00	1004234.9222	2371085.8137
L	270·56.73	-40.00	1004309.9253	2371057.9831
L	273·27.45	-40.00	1004417.4695	2371300.8643
L	273·27.45	40.00	1004346.4496	2371337.6905
L	278·09.92	40.00	1004568.5457	2371766.0062
L	278·09.92	-40.00	1004639.5656	2371729.1800
L	280·65.00	-50.00	1004781.6991	2371930.2099
L	280·65.00	-40.00	1004773.8704	2371936.4327
L	280·70.00	40.00	1004714.4576	2371990.2388
L	280·70.00	50.00	1004706.6530	2371996.4909
L	281·05.00	-40.00	1004798.4622	2371966.4264
L	281·05.00	-50.00	1004806.0988	2371959.9693
L	281·05.00	50.00	1004729.7373	2372024.5373
L	281·05.00	40.00	1004737.3734	2372018.0805
L	282·97.91	-40.00	1004929.2340	2372099.9517
L	282·97.91	40.00	1004876.3184	2372159.9512
L	287·22.37	-40.00	1005247.5736	2372380.7067
L	287·22.37	40.00	1005194.6580	2372440.7062
L	290·18.43	-40.00	1005454.5662	2372602.4606
L	290·18.43	40.00	1005391.0695	2372651.1244
L	293·03.39	40.00	1005564.4143	2372877.3056
L	293·03.39	-40.00	1005627.9111	2372828.6418
L	298·17.58	40.00	1005826.8086	2373308.3802
L	298·17.58	-40.00	1005899.2001	2373274.3291
L	310·96.49	-40.00	1006443.5522	2374431.6033
L	310·96.49	40.00	1006371.1608	2374465.6544
L	312·83.25	-40.00	1006521.9861	2374601.7768
L	312·83.25	40.00	1006449.0735	2374634.6972
L	317·20.00	-40.00	1006701.7111	2374999.8350
L	317·22.97	-40.00	1006702.9326	2375002.5404
L	318·22.93	-40.00	1006744.0690	2375093.6500
L	318·25.00	-40.00	1006744.9191	2375095.5328
L	320·02.62	-40.00	1006818.0101	2375257.4159
L	320·02.62	40.00	1006745.0975	2375290.3363
L	320·51.11	40.00	1006764.9572	2375334.4645
L	320·51.11	-40.00	1006837.9494	2375301.7210
L	324·00.00	40.00	1006907.7569	2375652.7954
L	324·00.00	50.00	1006898.6329	2375656.8883
L	324·00.00	-55.00	1006994.4352	2375613.9125
L	324·00.00	-40.00	1006980.7491	2375620.0519
L	324·50.00	-40.00	1007001.2138	2375665.6720
L	324·50.00	40.00	1006928.2216	2375698.4155
L	324·50.00	-55.00	1007014.8999	2375659.5326
L	324·50.00	50.00	1006919.0976	2375702.5085
L	326·86.58	40.00	1007025.0514	2375914.2698
L	326·86.58	-40.00	1007098.0437	2375881.5263
L	331·47.71	-40.00	1007197.9012	2376345.3044
L	331·47.71	40.00	1007117.9014	2376345.5020
L	335·95.60	-40.00	1007199.0078	2376793.1925
L	335·95.60	40.00	1007119.0081	2376793.3902
L	336·26.61	40.00	1007119.1333	2376824.5221
L	336·26.61	-40.00	1007199.1320	2376824.0764
L	339·74.20	-40.00	1007201.0687	2377171.6659
L	340·34.25	-40.00	1007201.4033	2377231.7195
L	353·33.43	-40.00	1007208.6419	2378530.8706
L	353·33.43	40.00	1007128.6432	2378531.3163
L	355·09.00	40.00	1007137.0239	2378709.9447
L	356·86.61	-40.00	1007239.2947	2378875.6456
L	357·20.63	40.00	1007166.2875	2378922.8414
L	364·84.59	40.00	1007296.8714	2379675.5534
L	364·84.59	-40.00	1007375.6940	2379661.8789
L	369·96.56	-40.00	1007331.3958	2380186.6688
L	369·96.56	40.00	1007255.9807	2380159.9748
L	384·76.60	-40.00	1006837.5441	2381581.8871
L	384·76.60	40.00	1006762.1290	2381555.1932
L	387·37.05	-40.00	1006752.4114	2381827.4740
L	387·37.05	40.00	1006676.6551	2381801.7644
L	399·36.09	40.00	1006291.3172	2382937.2059
L	399·36.09	-40.00	1006367.0735	2382962.9155
L	403·09.36	40.00	1006152.7923	2383278.5653
L	403·09.36	-40.00	1006225.0416	2383312.9169
L	417·75.74	-40.00	1005595.3865	2384637.2257
L	417·75.74	40.00	1005523.1371	2384602.8740
L	434·15.67	-40.00	1005420.7525	2386211.1224
L	434·15.67	40.00	1005342.7301	2386228.8004
L	435·68.65	40.00	1005376.5355	2386378.0013
L	436·24.90	40.00	1005388.9653	2386432.8606
L	438·95.13	-40.00	1005526.7026	2386678.7359
L	438·95.13	40.00	1005448.6803	2386696.4139
L	439·30.73	40.00	1005456.6392	2386731.2533

ROW MARKER IRON PIN AND CAP-E

	ALIGN	STATION	OFFSET	NORTH	EAST
	L	439·30.73	-40.00	1005534.5982	2386713.2976
	L	450·20.04	-40.00	1005779.0889	2387774.8170
	L	450·20.04	40.00	1005701.1300	2387792.7726
	L	451·75.00	-55.00	1005818.2621	2387932.6711
	L	451·75.00	-40.00	1005803.3054	2387933.8089
	L	453·05.00	-40.00	1005805.0356	2388068.7567
	L	453·57.21	-40.00	1005800.9383	2388122.8294
	L	453·57.21	40.00	1005721.3458	2388114.7654
	L	461·08.84	-40.00	1005725.1739	2388870.6323
	L	461·08.84	40.00	1005645.5814	2388862.5683
	L	465·41.10	40.00	1005572.2220	2389282.3353
	L	465·41.10	-40.00	1005649.8318	2389301.7444
	L	476·85.15	-40.00	1005372.2697	2390411.6160
	L	476·85.15	40.00	1005294.6598	2390392.2070
	L	477·23.98	40.00	1005285.2157	2390429.7642
	L	477·23.98	-40.00	1005362.7750	2390449.3741
	L	482·43.84	-40.00	1005235.3443	2390953.3771
	L	482·43.84	40.00	1005157.7849	2390933.7672
	L	487·68.17	-40.00	1005121.3908	2391462.8414
	L	487·68.17	40.00	1005042.8678	2391447.5399
	L	497·03.06	-40.00	1004942.5762	2392380.4664
	L	497·03.06	40.00	1004864.0532	2392365.1649
	L	501·15.00	-40.00	1004778.3742	2392772.7859
	L	502·25.00	-40.00	1004708.7677	2392863.4468
	L	502·90.03	-40.00	1004663.1216	2392913.2951
	L	502·90.03	40.00	1004605.8903	2392857.3971
	L	505·84.94	40.00	1004399.8289	2393068.3734
	L	505·84.94	-40.00	1004457.0601	2393124.2714
	L	509·93.51	40.00	1004131.2719	2393382.9561
	L	509·93.51	-40.00	1004195.4560	2393430.7095
	L	515·89.81	40.00	1003775.3294	2393861.3688
	L	515·89.81	-40.00	1003839.5136	2393909.1223
	L	520·00.00	-40.00	1003655.0732	2394259.7270
	L	520·23.00	-65.00	1003671.8504	2394288.5579
	L	520·55.00	-40.00	1003638.9024	2394310.5457
	L	520·60.00	40.00	1003560.7300	2394292.8244
	L	520·80.00	70.00	1003526.1905	2394304.6983
	L	521·00.00	40.00	1003549.8053	2394332.5605
	L	521·07.00	51.00	1003537.3537	2394336.8490
	L	524·38.14	-40.00	1003586.4660	2394677.0357
	L	524·38.14	40.00	1003506.4663	2394677.2768
	L	528·75.00	40.00	1003507.7831	2395114.1396
xx	L	528·75.00	45.00	1003502.7831	2395114.1547
	L	528·95.00	-50.00	1003597.8429	2395133.8683
	L	528·95.00	-40.00	1003587.8430	2395133.8984
	L	529·15.00	40.00	1003507.9036	2395154.1394
	L	529·15.00	45.00	1003502.9037	2395154.1545
xx	L	529·25.00	-40.00	1003587.9334	2395163.8983
	L	529·25.00	-50.00	1003597.9334	2395163.8681
	L	534·91.82	-40.00	1003589.6418	2395730.7146
	L	534·91.82	40.00	1003509.6422	2395730.9557
	L	541·91.82	-40.00	1003614.3877	2396427.5539
	L	541·91.82	40.00	1003534.5724	2396432.9881
	L	546·67.42	-40.00	1003650.4945	2396901.1272
	L	546·67.42	40.00	1003570.7781	2396907.8563
	L	549·26.57	40.00	1003592.5764	2397166.0906
	L	549·26.57	-40.00	1003672.2929	2397159.3615
	L	550·34.92	40.00	1003601.3799	2397273.8639
	L	550·34.92	-40.00	1003681.1317	2397267.5668
	L	550·55.00	40.00	1003602.9603	2397293.8788
	L	551·25.00	-40.00	1003688.2220	2397357.3644
	L	551·94.37	-36.11	1003689.8086	2397426.8225
	L	554·22.04	-36.65	1003708.2663	2397653.7413
	L	557·06.82	-31.39	1003725.4385	2397938.0562
	L	557·35.52	31.69	1003664.8127	2397971.6351
	L	558·11.90	42.00	1003660.5452	2398048.5852
	L	559·22.23	42.00	1003669.2296	2398158.5718
	L	559·37.00	42.00	1003670.5270	2398173.8072
	L	559·70.01	-31.21	1003746.7979	2398199.1239
	L	559·91.53	112.00	1003607.5884	2398239.4038
	L	560·44.29	-78.63	1003804.2303	2398262.1380

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 14FEB2022 TO 19NOV2024 .

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW03E-1

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
E8B0B0F8F0F0F0...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

CAD: 2017 v 2020
AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

REVISIONS

08-JAN-2025 16:09
R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw03e_2.dgn
rpouthress AT JKA-021

NOTE: xx = POINTS NOT SET DUE TO OBSTRUCTIONS

PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW03E-2

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
B4A0B0F0A8A8...
Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

ROW MARKER PERMANENT EASEMENT-E

	ALIGN	STATION	OFFSET	NORTH	EAST
	L	12+50.00	-42.69	1019377.8805	2351938.1867
	L	18+40.00	-40.00	1018818.7018	2352092.6639
	L	23+96.00	-40.00	1018339.3377	2352354.2840
	L	23+96.00	-50.00	1018345.0620	2352362.4836
	L	24+02.00	40.00	1018288.5499	2352292.1826
	L	24+04.00	69.00	1018270.2117	2352269.6241
	L	24+17.00	-50.00	1018328.2324	2352374.3370
	L	24+17.00	-40.00	1018322.4402	2352366.1852
	L	24+22.00	40.00	1018271.9655	2352303.9173
	L	24+24.00	67.00	1018254.6125	2352283.1317
	L	24+85.00	52.00	1018213.1281	2352332.1409
	L	24+85.00	40.00	1018220.3391	2352341.7327
	L	25+50.00	56.00	1018158.1378	2352369.5454
	L	26+60.00	40.00	1018082.0541	2352453.3825
	L	37+77.00	40.00	1017370.9033	2353322.6043
	L	38+48.00	48.00	1017322.9444	2353375.5659
	L	38+60.00	-50.00	1017395.4870	2353442.5403
	L	38+60.00	-40.00	1017387.3696	2353436.7001
	L	38+85.00	-50.00	1017380.8867	2353462.8338
	L	38+85.00	-40.00	1017372.7692	2353456.9937
	L	39+60.00	40.00	1017264.0287	2353471.1533
	L	42+84.00	-56.00	1017152.7354	2353790.2235
	L	42+84.00	-40.00	1017139.7475	2353780.8793
	L	44+50.00	-40.00	1017042.8011	2353915.6287
	L	44+50.00	-60.00	1017059.0360	2353927.3090
	L	48+27.00	-40.00	1016822.6277	2354221.6559
	L	48+32.00	-67.00	1016841.6247	2354241.4830
	L	56+25.00	-47.00	1016362.1577	2354873.4563
	L	56+59.94	55.00	1016258.9646	2354842.2127
	L	58+00.00	-40.00	1016254.2215	2355011.3830
	L	60+50.00	-40.00	1016108.1422	2355214.2643
	L	62+50.00	-60.00	1016007.4747	2355388.2943
	L	63+00.00	-58.00	1015976.4813	2355427.7256
	L	63+00.00	55.00	1015884.9627	2355361.4433
	L	63+00.00	40.00	1015897.1112	2355370.2418
	L	64+60.00	-40.00	1015868.0520	2355546.7512
	L	68+55.00	58.00	1015557.8255	2355810.1200
	L	68+55.00	40.00	1015572.4534	2355820.6092
	L	68+76.00	58.00	1015545.5881	2355827.1859
	L	68+76.00	40.00	1015560.2161	2355837.6751
	L	70+07.00	40.00	1015483.8782	2355944.1342
	L	70+07.00	56.00	1015470.8756	2355934.8105
	L	70+28.00	56.00	1015458.6382	2355951.8764
	L	70+28.00	40.00	1015471.6408	2355961.2001
	L	75+97.00	40.00	1015122.3084	2356400.1878
	L	75+99.00	52.00	1015112.5379	2356392.9531
	L	76+15.00	40.00	1015109.6393	2356412.4233
	L	76+17.00	49.00	1015102.0105	2356407.2646
	L	78+44.00	40.00	1014938.5951	2356556.9577
	L	78+52.00	60.00	1014920.4311	2356545.5265
	L	78+82.00	40.00	1014908.5469	2356578.8579
	L	78+93.00	60.00	1014888.2481	2356568.7318
	L	83+58.00	-40.00	1014550.2618	2356899.3009
	L	83+58.00	-53.00	1014557.1043	2356910.3544
	L	85+50.00	-48.00	1014390.6737	2357006.8200
	L	85+85.00	-40.00	1014356.6347	2357018.2369
	L	116+88.00	-40.00	1012759.3117	2359565.2747
	L	116+88.00	-70.00	1012784.8688	2359580.9857
	L	121+06.00	-70.00	1012536.4855	2359925.3181
	L	122+36.00	40.00	1012370.3188	2359962.5825
	L	122+37.00	55.00	1012357.7552	2359954.3267
	L	122+59.00	40.00	1012356.4374	2359980.9212
	L	122+60.00	52.00	1012346.2659	2359974.4760
	L	124+48.00	-80.00	1012338.0490	2360204.0419
	L	124+54.00	-67.00	1012324.0624	2360200.9799
	L	124+67.00	-40.00	1012294.6884	2360195.0498
	L	124+73.00	-90.00	1012330.9339	2360230.0106
xx	L	124+84.00	-66.00	1012305.1590	2360224.2964
	L	124+96.00	-40.00	1012277.1858	2360218.1725
	L	130+25.00	-40.00	1011943.5019	2360634.2458
	L	130+50.00	-45.00	1011929.2896	2360656.0071
	L	130+50.00	-79.00	1011953.5067	2360679.8721
	L	132+50.00	-48.00	1011781.1194	2360796.7695
	L	138+62.00	-50.00	1011296.7181	2361174.0742
	L	138+62.00	-40.00	1011290.6234	2361166.1461
	L	154+49.00	60.00	1009971.9168	2362054.8860
	L	154+73.00	40.00	1009965.1520	2362085.3858
	L	154+81.00	60.00	1009946.5938	2362074.4499
	L	155+05.00	40.00	1009939.8290	2362104.9497
	L	155+82.00	-52.00	1009935.1417	2362224.8289
	L	155+82.00	-40.00	1009927.8052	2362215.3328
	L	155+86.00	40.00	1009875.7301	2362154.4708
	L	155+89.00	64.00	1009858.6832	2362137.3126
	L	156+07.00	40.00	1009859.1119	2362167.3096
	L	156+10.00	64.00	1009842.0650	2362150.1514
	L	157+00.00	-40.00	1009834.4266	2362287.4746
	L	158+05.00	-70.00	1009769.5353	2362375.5066
	L	158+50.00	-61.00	1009727.4260	2362396.0827
	L	158+51.00	62.00	1009653.1720	2362298.0197
	L	158+55.00	40.00	1009663.1397	2362318.0221

ROW MARKER PERMANENT EASEMENT-E

	ALIGN	STATION	OFFSET	NORTH	EAST
	L	158+80.00	60.00	1009631.4907	2362316.4752
	L	158+84.00	40.00	1009640.0837	2362334.9584
	L	160+36.00	-70.00	1009576.6280	2362512.1561
	L	161+78.66	-70.00	1009452.3879	2362588.8767
	L	163+71.37	-66.00	1009277.1803	2362679.2629
	L	167+02.00	-94.00	1008982.2891	2362841.1611
	L	167+05.00	-40.00	1008958.4674	2362792.6067
	L	168+62.00	-70.00	1008828.5425	2362882.1124
	L	170+65.00	-70.00	1008651.8426	2362971.8049
	L	175+06.00	-53.00	1008273.6654	2363189.2206
	L	175+06.00	-40.00	1008266.5435	2363178.3450
	L	199+50.00	-40.00	1006447.4371	2364700.5981
	L	200+00.00	-55.00	1006442.3861	2364752.5547
	L	200+22.00	-40.00	1006420.1723	2364767.2362
	L	200+22.00	-55.00	1006434.0552	2364772.9163
	L	204+45.00	-40.00	1006251.3879	2365158.9530
	L	204+45.00	-58.00	1006267.3459	2365167.2802
	L	206+40.00	-40.00	1006150.7543	2365329.8133
	L	206+40.00	-60.00	1006167.6441	2365340.5248
	L	206+60.00	-60.00	1006156.9326	2365357.4145
	L	206+60.00	-40.00	1006140.0428	2365346.7031
	L	210+14.00	-70.00	1005975.7843	2365661.7192
	L	212+55.00	-40.00	1005821.3764	2365849.1736
	L	213+43.00	-63.00	1005793.6691	2365935.8068
	L	213+60.00	-63.00	1005784.5643	2365950.1631
	L	213+60.00	-40.00	1005765.1411	2365937.8449
	L	214+34.00	-40.00	1005725.5086	2366000.3371
	L	214+34.00	-55.00	1005738.1759	2366008.3707
	L	214+85.00	-50.00	1005706.6392	2366048.7617
	L	214+85.00	-40.00	1005698.1944	2366043.4060
	L	218+60.00	-50.00	1005507.6927	2366365.2691
	L	218+60.00	-40.00	1005499.1267	2366360.1092
	L	235+00.00	-40.00	1004723.1439	2367802.3377
	L	237+80.00	-52.00	1004602.2999	2368055.2027
	L	237+80.00	-40.00	1004591.7042	2368049.5696
	L	240+05.00	-40.00	1004486.0830	2368248.2380
	L	240+05.07	-54.83	1004499.1428	2368255.2637
	L	241+00.00	-40.00	1004441.4874	2368332.1203
	L	242+00.00	-55.00	1004407.7892	2368427.4588
	L	243+39.00	-70.00	1004355.9350	2368557.1420
	L	243+50.00	-60.00	1004341.9525	2368562.1907
	L	245+40.00	-40.00	1004235.4452	2368720.7977
	L	246+40.00	-69.00	1004214.3294	2368822.7542
	L	249+40.00	-40.00	1004048.4397	2369074.3920
	L	249+40.00	-53.00	1004059.9315	2369080.4697
	L	253+65.00	40.00	1003828.5206	2369445.7323
xx	L	254+00.00	52.00	1003810.4874	2369479.3971
	L	254+25.00	52.24	1003806.3991	2369505.0925
	L	255+00.00	56.00	1003794.1036	2369582.3708
	L	256+50.00	53.00	1003793.6931	2369738.6962
	L	256+95.00	40.00	1003809.2068	2369784.5530
	L	262+00.00	-52.00	1004023.8474	2370250.3995
	L	262+30.00	51.00	1003937.6321	2370314.2424
	L	262+30.00	40.00	1003947.9501	2370310.4295
	L	262+50.00	40.00	1003954.8827	2370329.1896
	L	262+50.00	51.00	1003944.5647	2370333.0025
	L	262+50.00	-40.00	1004029.9229	2370301.4592
	L	268+00.00	-40.00	1004220.6127	2370817.2872
	L	268+00.00	50.00	1004136.2343	2370848.5967
	L	269+53.00	58.00	1004181.9600	2370994.8231
	L	269+55.00	50.00	1004190.1561	2370993.9151
	L	270+00.00	-57.00	1004306.1274	2370998.8808
	L	270+80.00	-40.00	1004317.9858	2371079.3588
	L	278+97.00	-40.00	1004680.8792	2371802.8056

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	280+70.00	72.00	1004689.4829	2372010.2454
L	281+05.00	72.00	1004712.9378	2372038.7422
L	281+50.00	-52.00	1004836.0936	2371991.2050
L	281+50.00	-40.00	1004827.1997	2371999.2610
L	281+90.00	40.00	1004796.0323	2372083.0882
L	281+90.00	50.00	1004788.8275	2372090.0229
L	282+60.00	-49.00	1004908.1617	2372068.6684
L	283+00.00	51.00	1004870.6111	2372169.5845
L	283+50.00	48.00	1004910.0951	2372200.4068
L	283+50.64	40.03	1004915.8486	2372194.8555
L	288+48.00	-40.00	1005340.6501	2372469.8714
L	288+48.00	-55.00	1005351.4639	2372459.4761
L	290+18.43	-53.51	1005465.2915	2372594.2408
L	290+18.43	-51.30	1005463.5356	2372595.5865
L	290+94.19	-54.01	1005511.7694	2372654.0758
L	290+94.41	-57.12	1005514.3802	2372652.3586
L	293+53.00	-70.00	1005682.3572	2372851.2328
L	297+40.00	-52.00	1005875.1673	2373198.0530
L	297+40.00	-40.00	1005864.4793	2373203.5090
L	297+60.00	-52.00	1005884.3816	2373216.2908
L	297+60.00	-40.00	1005873.6486	2373221.6575
L	297+68.00	-70.00	1005904.1511	2373215.6109
L	309+10.00	50.00	1006282.7342	2374301.1566
L	309+10.00	40.00	1006291.7831	2374296.9002
L	309+25.00	50.00	1006289.1188	2374314.7300
L	309+25.00	40.00	1006298.1677	2374310.4736

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 14FEB2022 TO 19NOV2024 .

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

REVISIONS

08-JAN-2025 16:11
R:\2015K_R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw03e-3.dgn
rpoutness AT JKA-021

NOTE: xx = POINTS NOT SET DUE TO OBSTRUCTIONS

PERMANENT EASEMENT CONTROL SHEET

ROW MARKER PERMANENT EASEMENT-E

	ALIGN	STATION	OFFSET	NORTH	EAST
	L	315+83.00	-70.00	1006672.6772	2374862.6270
	L	317+28.00	60.00	1006613.8624	2375048.2767
	L	317+30.00	40.00	1006632.9136	2375041.8694
	L	317+47.00	-30.00	1006703.7077	2375028.5580
	L	317+47.00	-48.00	1006720.1130	2375021.1509
	L	317+49.00	60.00	1006622.5040	2375067.4162
	L	317+50.00	40.00	1006641.1437	2375060.0976
	L	325+30.00	-40.00	1007033.9573	2375738.6642
	L	326+00.00	-48.00	1007069.9071	2375799.2581
	L	328+00.00	-53.00	1007152.8910	2375986.9927
	L	328+50.00	-40.00	1007155.6511	2376040.6271
	L	329+25.00	-69.00	1007202.4430	2376110.2284
	L	329+25.00	-40.00	1007174.0498	2376116.1300
	L	329+63.00	40.00	1007102.5550	2376168.3836
	L	329+75.00	60.00	1007084.7074	2376182.9663
	L	329+87.00	40.00	1007106.2276	2376191.2169
	L	329+99.00	60.00	1007088.0661	2376205.4068
	L	330+76.00	-54.00	1007209.2642	2376270.1014
	L	330+78.00	-40.00	1007195.4345	2376273.1160
	L	330+78.00	-40.00	1007195.4345	2376273.1160
	L	330+86.00	40.00	1007116.0871	2376286.0737
	L	330+91.00	83.00	1007073.4209	2376293.2061
	L	330+97.00	-54.00	1007210.5438	2376292.0948
	L	330+98.00	-40.00	1007196.6101	2376293.8096
	L	331+07.00	40.00	1007117.0787	2376306.2854
	L	331+13.00	81.00	1007076.3149	2376313.4580
	L	335+12.00	-68.00	1007226.8012	2376709.5263
	L	338+14.00	-52.00	1007212.1760	2377011.4012
	L	338+14.00	-40.00	1007200.1761	2377011.4680
	L	339+15.00	50.00	1007110.7403	2377112.9679
	L	339+15.00	40.00	1007120.7401	2377112.9122
	L	339+35.00	50.00	1007110.8517	2377132.9676
	L	339+35.00	40.00	1007120.8516	2377132.9119
	L	343+89.00	50.00	1007113.3813	2377586.9606
	L	343+89.00	40.00	1007123.3811	2377586.9049
	L	344+10.00	50.00	1007113.4983	2377607.9602
	L	344+10.00	40.00	1007123.4981	2377607.9045
	L	354+77.00	-40.00	1007214.1833	2378671.6060
	L	354+77.00	-61.00	1007235.1271	2378670.0716
	L	358+00.00	-40.00	1007258.6769	2378987.3689
	L	358+30.00	-56.00	1007279.5694	2379014.1925
	L	358+50.00	-40.00	1007267.2235	2379036.6330
	L	358+50.00	-56.00	1007282.9880	2379033.8981
	L	364+38.00	-68.00	1007395.3191	2379611.1933
	L	367+37.00	-78.00	1007425.4967	2379926.4833
	L	367+44.00	-40.00	1007387.0084	2379930.6765
xx	L	401+00.00	-40.00	1006309.7399	2383118.6331
	L	401+00.00	-57.00	1006325.5373	2383124.9134
	L	407+74.00	-65.00	1006048.1071	2383743.2721
	L	412+04.00	-57.00	1005856.2421	2384128.1771
	L	412+04.00	-40.00	1005840.8891	2384120.8774
	L	418+36.00	52.00	1005486.5608	2384653.6111
	L	418+38.00	40.00	1005496.6944	2384660.3536
	L	418+55.00	-40.00	1005563.0462	2384708.1695
	L	418+59.00	-57.00	1005577.0661	2384718.5531
	L	420+00.00	52.00	1005423.5246	2384808.7276
	L	420+00.00	-50.00	1005519.2472	2384843.9580
	L	421+00.00	49.00	1005393.0673	2384906.1684
	L	421+45.00	40.00	1005387.9932	2384952.5808
	L	422+00.00	-40.00	1005449.4831	2385027.7012
	L	423+19.00	-40.00	1005420.8443	2385141.1973
	L	423+19.00	-90.00	1005469.6064	2385152.2544
	L	426+14.00	-68.00	1005401.6224	2385430.2619
	L	428+60.00	-40.00	1005360.9401	2385668.9397
	L	428+60.00	-64.00	1005384.9400	2385669.0133
	L	447+83.00	-40.00	1005725.8863	2387543.8242
	L	448+19.00	-55.00	1005748.5836	2387575.5390
	L	451+35.00	-65.00	1005824.1852	2387889.5841
	L	453+23.00	-40.00	1005803.9326	2388087.4230
	L	489+12.00	40.00	1005015.3578	2391588.7135
	L	489+12.00	59.00	1004996.7085	2391585.0794
	L	489+33.00	59.00	1004992.6919	2391605.6917
	L	489+33.00	40.00	1005011.3411	2391609.3258
	L	497+37.00	-46.98	1004942.0510	2392416.5483
	L	497+37.00	-40.00	1004935.2460	2392414.9832
	L	498+31.21	-52.00	1004920.2698	2392513.0386
	L	498+32.00	-40.00	1004908.6185	2392510.0505
	L	498+58.00	-55.00	1004913.8952	2392540.6799
	L	499+85.00	-40.00	1004847.3429	2392656.6685
	L	499+85.00	-57.00	1004862.4871	2392664.3919
	L	500+62.00	-56.00	1004821.9515	2392734.8586
	L	501+31.43	-55.00	1004780.8477	2392795.4765
	L	516+20.00	-40.00	1003822.3103	2393932.8055
	L	517+00.00	-62.00	1003798.0679	2394009.0226
	L	517+61.00	-40.00	1003749.3267	2394048.3475
	L	519+03.00	-40.00	1003688.6975	2394171.9043
	L	521+50.00	-40.00	1003616.0042	2394399.7551
	L	527+90.00	-40.00	1003587.5265	2395028.9014
	L	528+12.00	-62.00	1003609.5927	2395050.8325
	L	528+59.64	68.91	1003478.8250	2395098.8633
	L	528+85.17	45.00	1003502.8138	2395124.3281

ROW MARKER PERMANENT EASEMENT-E

	ALIGN	STATION	OFFSET	NORTH	EAST
xx	L	529+60.00	-62.00	1003610.0388	2395198.8318
	L	530+35.00	66.00	1003482.2654	2395274.2173
	L	530+50.00	-40.00	1003588.3102	2395288.8977
	L	531+03.00	-62.00	1003610.4698	2395341.8311
	L	531+33.00	-50.00	1003598.5603	2395371.8672
	L	531+34.00	40.00	1003508.5637	2395373.1384
	L	535+00.00	-50.00	1003599.6694	2395738.8275
	L	537+00.00	-50.00	1003602.2680	2395937.8796
	L	538+90.00	-58.00	1003616.1519	2396126.5841
	L	538+92.00	-40.00	1003598.2461	2396129.2943
	L	539+10.00	-54.00	1003612.9687	2396146.6271
	L	539+12.00	-40.00	1003599.0644	2396149.2033
	L	541+50.00	-50.00	1003621.6177	2396385.3407
	L	546+56.00	-50.00	1003659.5023	2396888.9247
	L	548+05.00	-54.00	1003676.0172	2397037.0410
	L	550+57.96	40.00	1003603.1936	2397296.8345
	L	551+30.51	-53.00	1003701.6157	2397361.8378
	L	551+36.00	45.00	1003604.3516	2397375.0210
	L	551+57.00	45.00	1003606.0046	2397395.9559
	L	551+57.00	37.00	1003613.9798	2397395.3262
	L	552+94.00	54.00	1003607.8164	2397533.2392
	L	554+63.00	-44.00	1003718.8151	2397694.0008
	L	554+63.00	-30.94	1003705.7914	2397695.0292
	L	555+05.00	-54.00	1003732.0901	2397735.0834
	L	555+05.00	-44.00	1003722.1211	2397735.8705
	L	555+25.00	-44.00	1003723.6954	2397755.8085
	L	555+25.00	-54.00	1003733.6643	2397755.0213
	L	556+88.37	53.00	1003639.8559	2397926.3067
	L	557+35.84	53.00	1003643.5923	2397973.6281
	L	559+14.00	-44.00	1003754.3152	2398143.6015
	L	559+46.32	53.25	1003660.2445	2398184.5239
	L	559+80.00	-54.00	1003770.5968	2398205.8920
	L	559+84.00	-31.99	1003749.2651	2398212.5395

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 14FEB2022 TO 19NOV2024 .

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW03E-3

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

REVISIONS

28-JAN-2025 16:06
R:\Roadway\Proj\R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw04.dgn
rpouthress AT JKA-021

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
62435A975745452...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW04

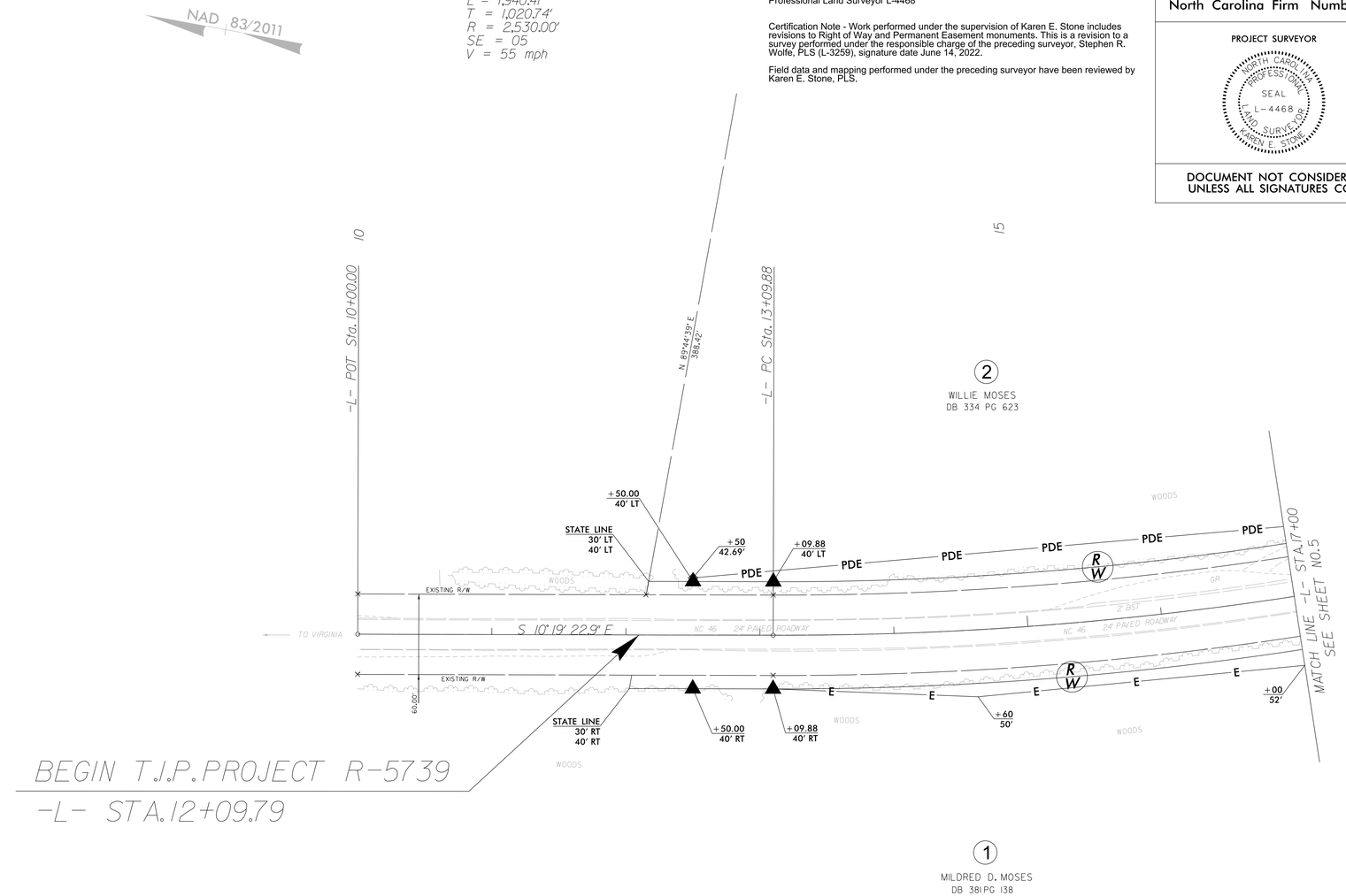
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

6°54' W
1.87'

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

REVISIONS

-Y-

PI Sta 10+97.21
△ = 12° 02' 15.0" (LT)
D = 12° 13' 36.5"
L = 98.45'
T = 49.41'
R = 468.61'
SE = SEE PLANS
V = STOP CONDITION

PI Sta 12+09.76
△ = 2° 52' 34.0" (LT)
D = 2° 15' 52.8"
L = 127.00'
T = 63.51'
R = 2,530.00'
SE = EXISTING SE
V = STOP CONDITION

-L-

PI Sta 23+30.62
△ = 43° 56' 36.9" (LT)
D = 2° 15' 52.8"
L = 1,940.41'
T = 1,020.74'
R = 2,530.00'
SE = 05
V = 55 mph

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
5243A9757454452...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW05

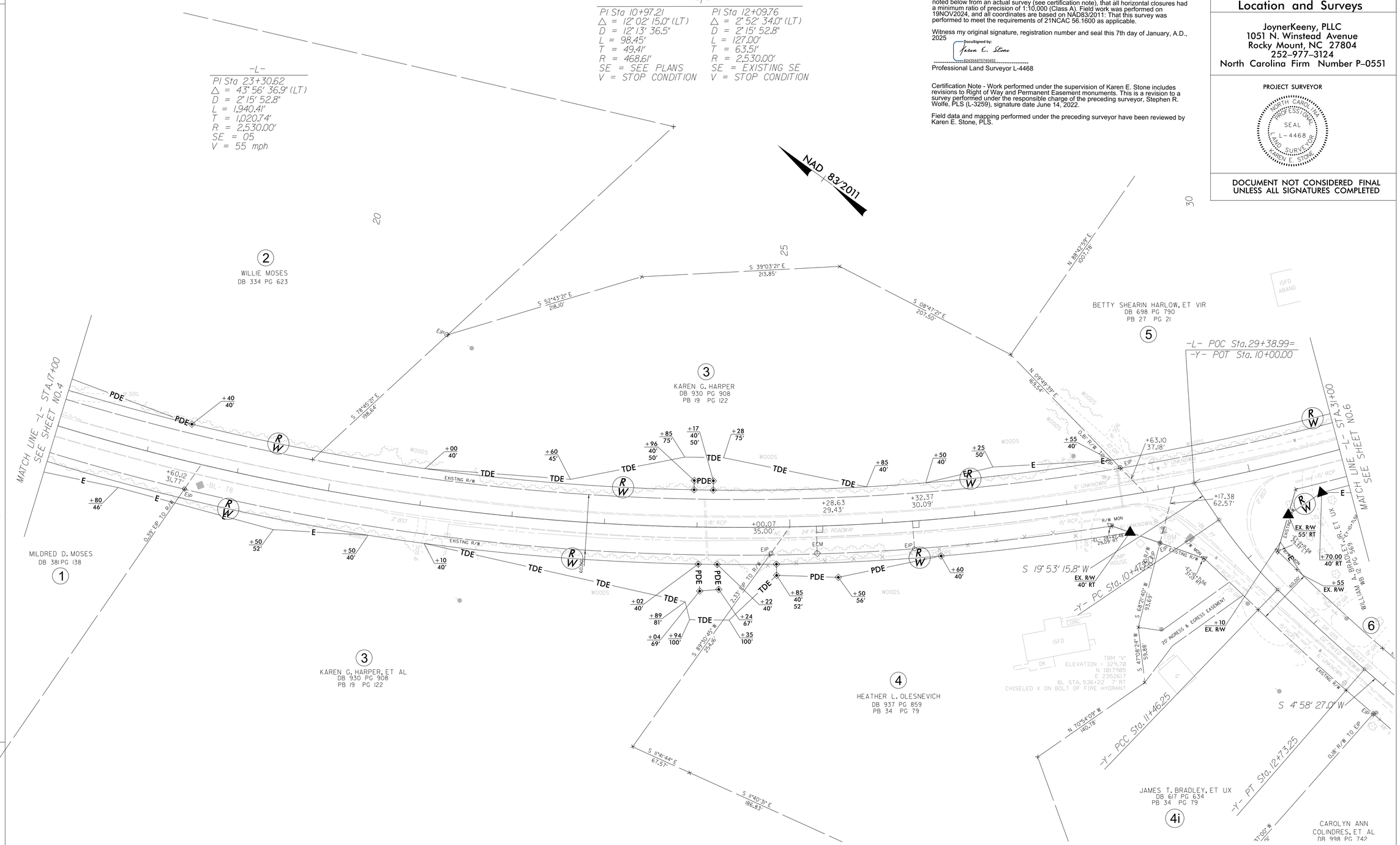
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



NOTES:

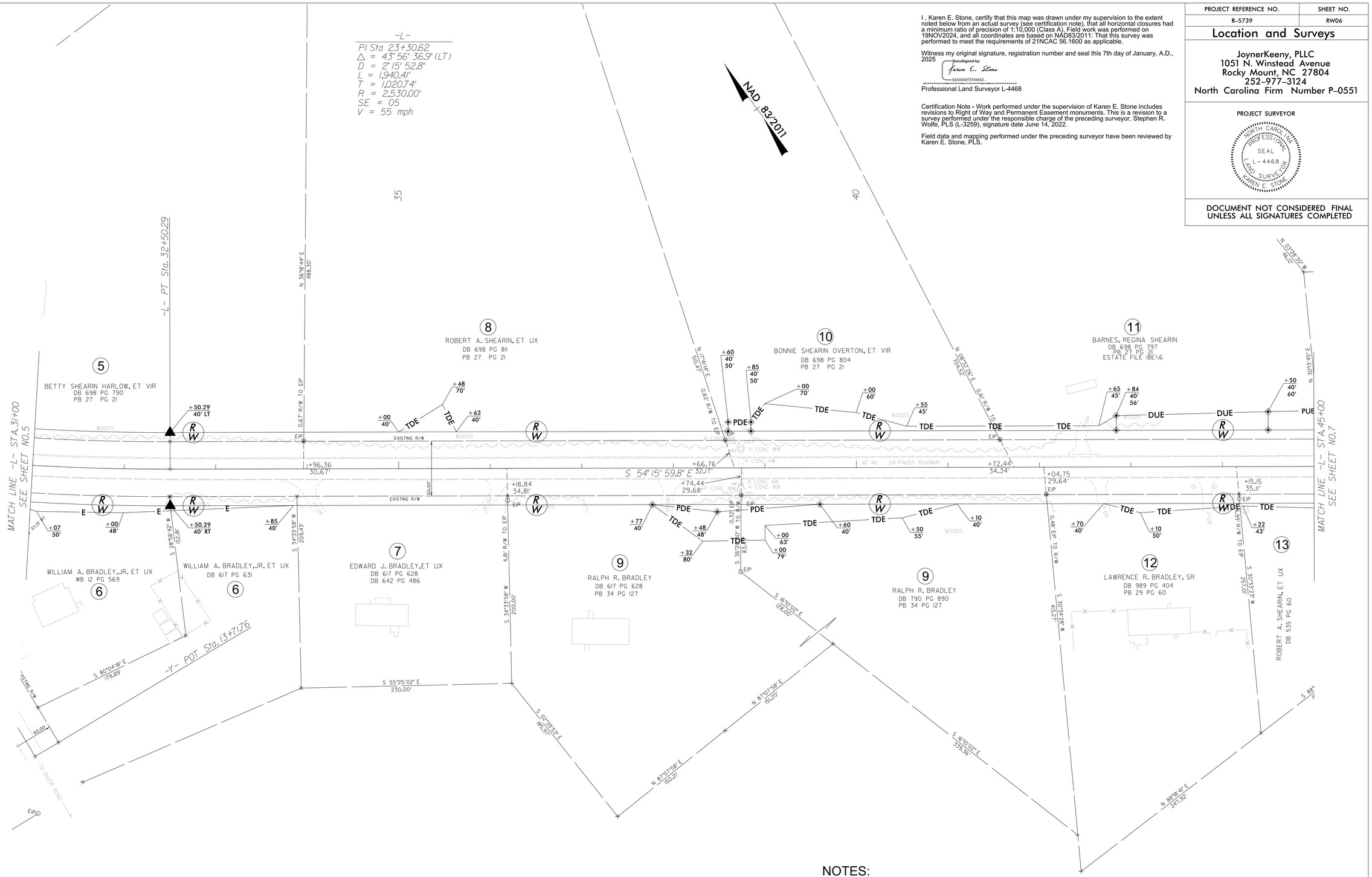
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 14FEB2022 TO 19NOV2024 .

08-JAN-2025 16:32
R:\Local_2017\Projects\2015K_R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r-5739_ls_rw05.dgn
rpoutness AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

REVISIONS



I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
82435A975745452...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW06

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

08-JAN-2025 16:37
R:\CAD\2017\17015\R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw06.dgn
rpoythress AT JKA-021

Docusign Envelope ID: 52301AB8-28DF-4359-BAA6-7A7F578E386E

6/2/99

REVISIONS

-L-

PI Sta 50+28.95	PI Sta 53+27.56	PI Sta 54+94.61
△ = 0° 08' 13.2" (RT)	△ = 0° 21' 23.7" (LT)	△ = 0° 14' 27.4" (RT)
D = 0° 22' 55.1"	D = 0° 42' 58.3"	D = 0° 42' 58.3"
L = 35.87'	L = 49.79'	L = 33.64'
T = 17.93'	T = 24.89'	T = 16.82'
R = 15,000.00'	R = 8,000.00'	R = 8,000.00'
SE = NC	SE = NC	SE = NC
V = 45 mph	V = 45 mph	V = 45 mph

NAD 83/2011

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 22FEB2022, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 13th day of January, A.D., 2025.

DocuSigned by:
Karen E. Stone
B2456A975745452...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data, traverse adjustment, and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW07

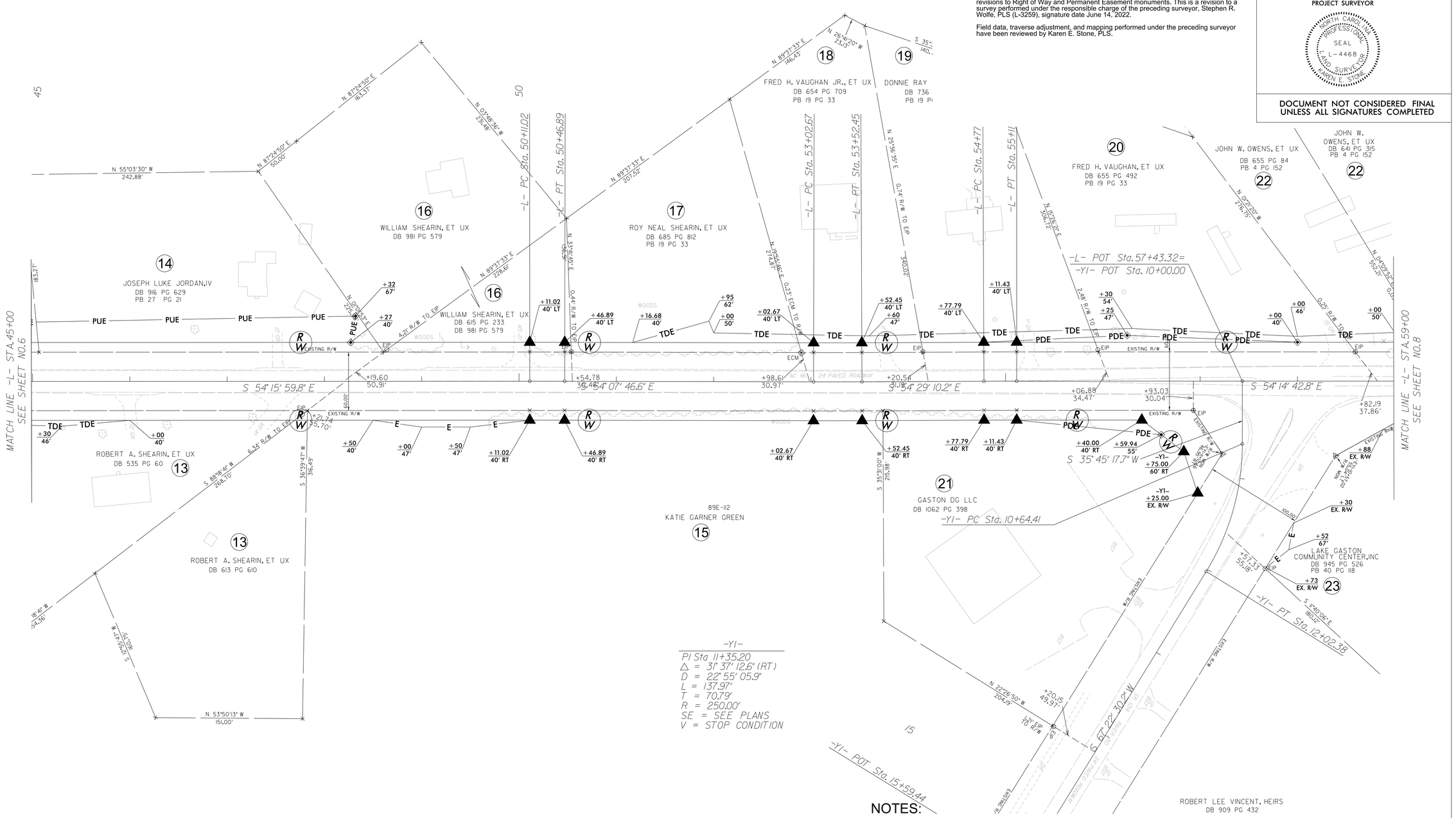
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



-Y1-

PI Sta 11+35.20
△ = 31° 37' 12.6" (RT)
D = 22° 55' 05.9"
L = 137.97'
T = 70.79'
R = 250.00'
SE = SEE PLANS
V = STOP CONDITION

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 14FEB2022 TO 19NOV2024 .

13-JAN-2025 11:29
Z:\JOB2407\R2015K_R5739_CON_JKA_7_ROW STAKING\SURVEY\DGN\WORK\RW\rick\previous plan sheets\rw series files\r5739_ls_rw07.dgn
jmatthews AT JKA-042

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

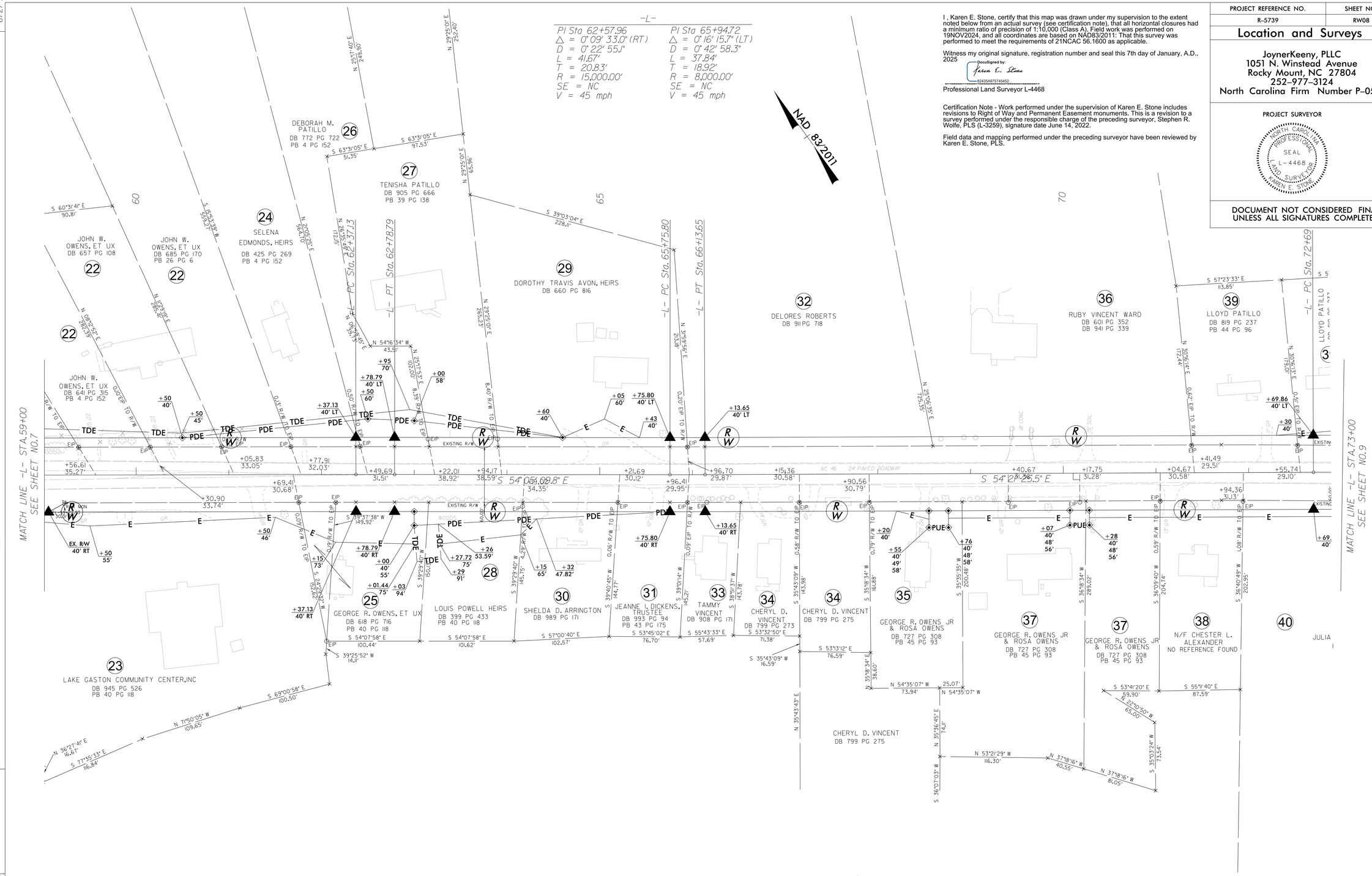
REVISIONS

-L-

PI Sta 62+57.96
△ = 0° 09' 33.0" (RT)
D = 0° 22' 55.1"
L = 41.67'
T = 20.83'
R = 15,000.00'
SE = NC
V = 45 mph

PI Sta 65+94.72
△ = 0° 16' 15.7" (LT)
D = 0° 42' 58.3"
L = 37.84'
T = 18.92'
R = 8,000.00'
SE = NC
V = 45 mph

NAD 83/2011



I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
B2435A97574545Z...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW08

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NOTES:

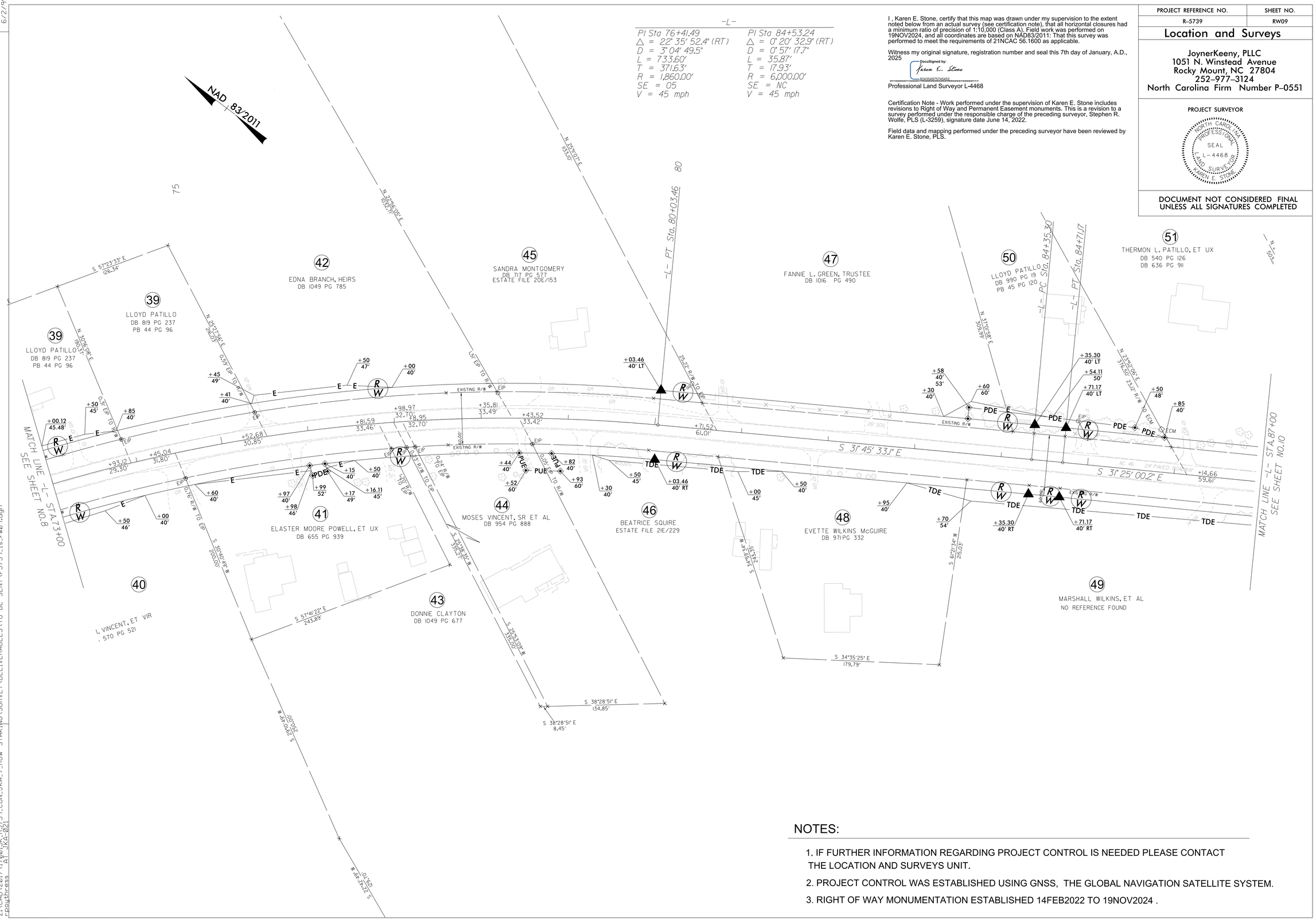
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 14FEB2022 TO 19NOV2024 .

08-JAN-2025 15:42
rpouthress
R2015K R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw08.dgn
AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

REVISIONS



I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
6235A97574549

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW09

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

08-JAN-2025 16:45
R-5739 RW09
rpoythress
JKA-021

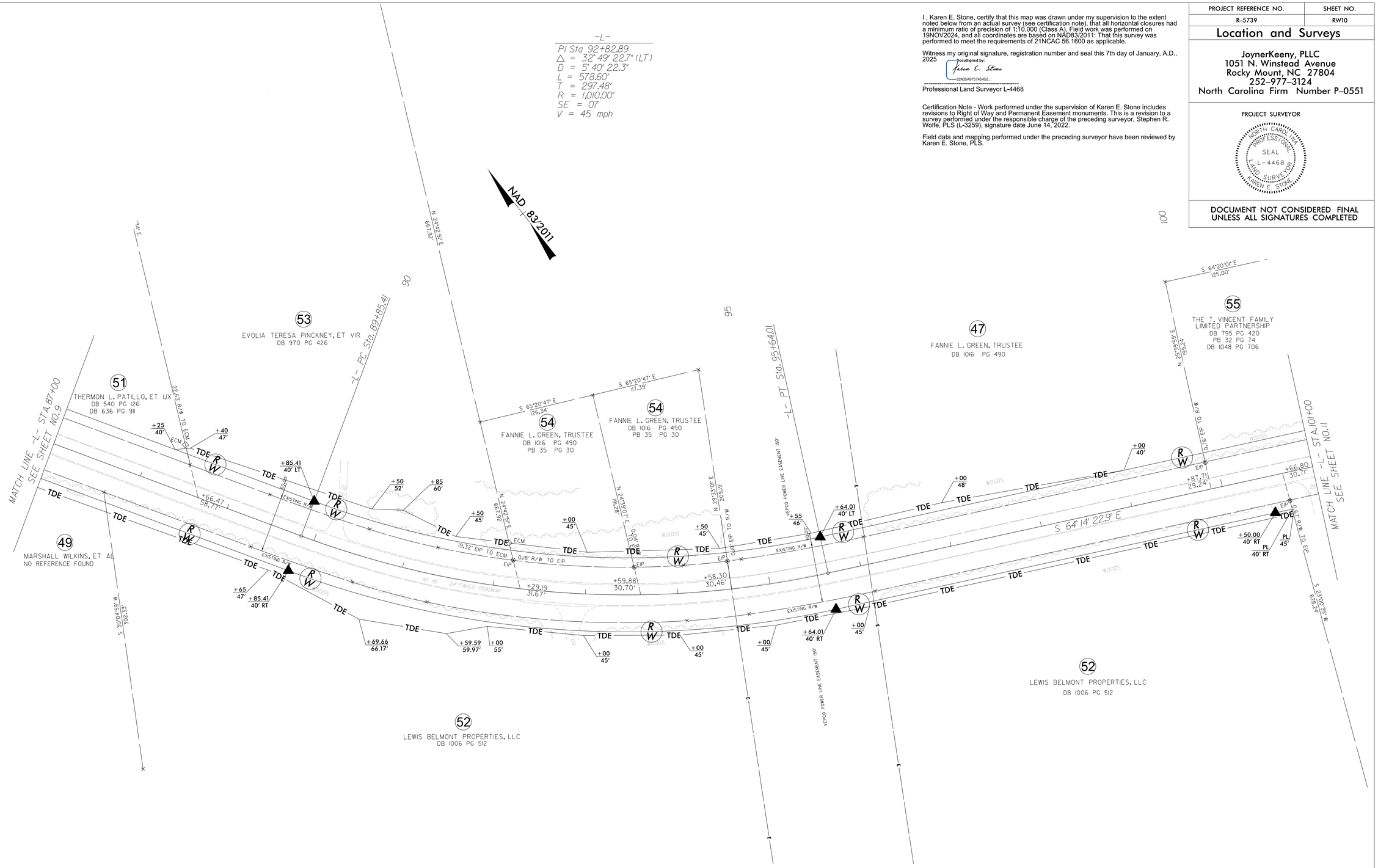
Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

REVISIONS

-L-
PI Sta 92+82.89
△ = 32° 49' 22.7" (LT)
D = 5° 40' 22.3"
L = 578.60'
T = 297.48'
R = 1,010.00'
SE = 07
V = 45 mph

NAD 83/2011



I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
82435A9757454 52...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW10

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

08-JAN-2025 16:47
R:\CAD\2017\17015\R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw10.dgn
rpoutness AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

-L-

PI Sta 107+92.03	PI Sta 116+00.10
△ = 4° 49' 02.8" (LT)	△ = 16° 10' 50.9" (RT)
D = 1° 25' 56.6"	D = 2° 50' 11.1"
L = 336.32'	L = 570.46'
T = 168.26'	T = 287.14'
R = 4,000.00'	R = 2,020.00'
SE = 03	SE = 06
V = 45 mph	V = 55 mph

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
82435A975745452...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW11

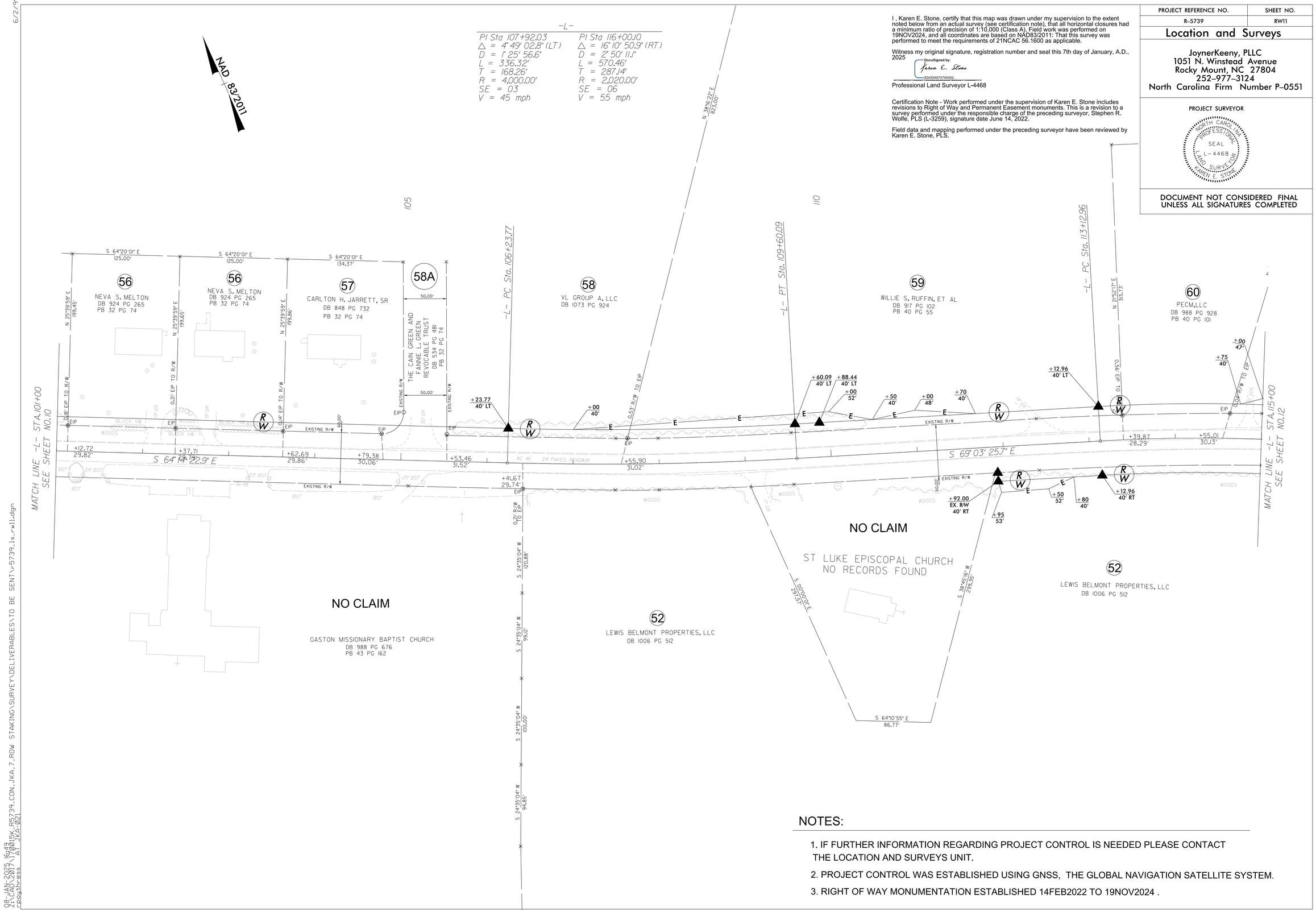
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

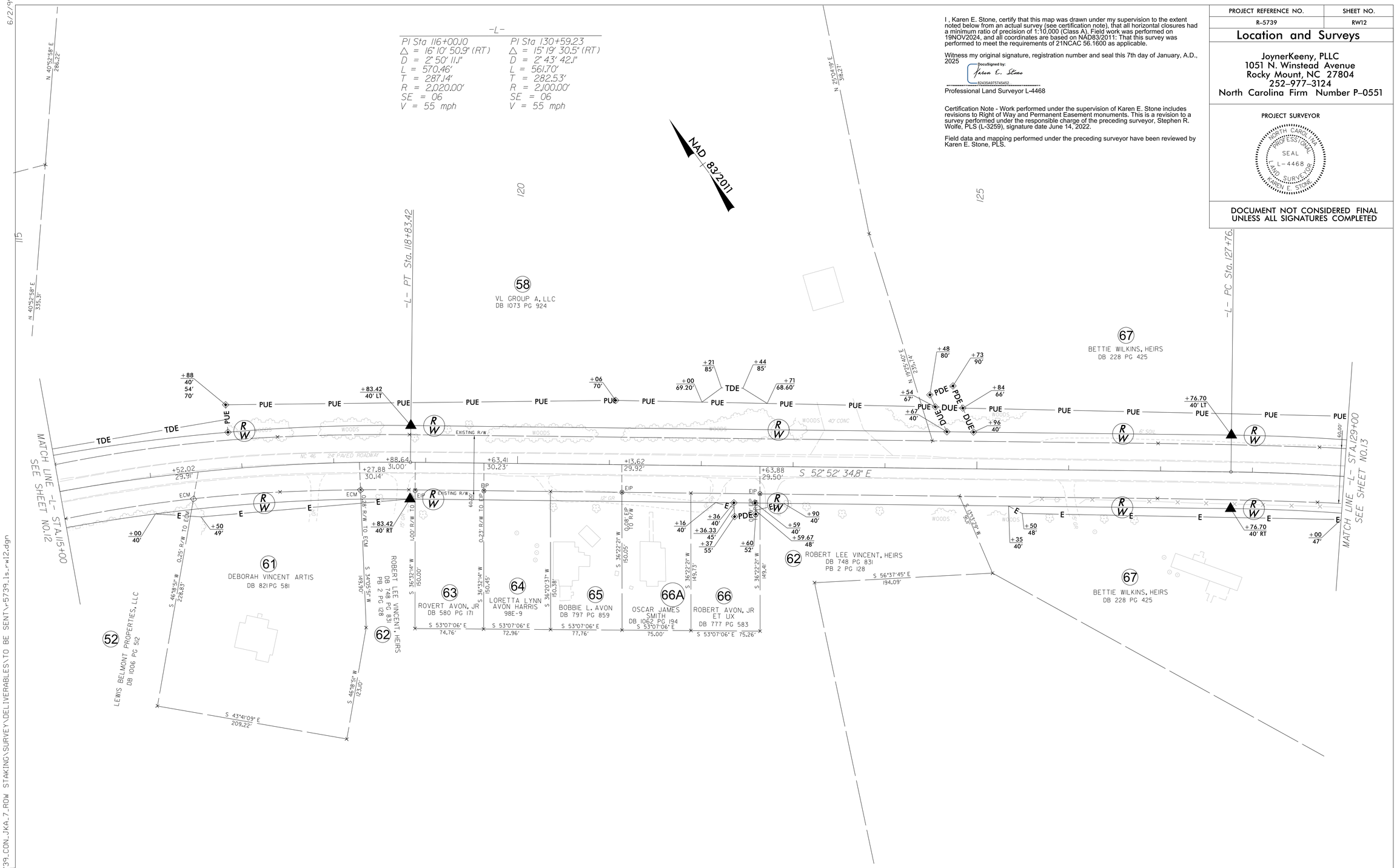
08-JAN-2025 16:48
C:\SAS\2017\R5739\R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw11.dgn
rpoutress AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

-L-

PI Sta 116+00.10	PI Sta 130+59.23
△ = 16° 10' 50.9" (RT)	△ = 15° 19' 30.5" (RT)
D = 2° 50' 11.1"	D = 2° 43' 42.1"
L = 570.46'	L = 561.70'
T = 287.14'	T = 282.53'
R = 2,020.00'	R = 2,100.00'
SE = 06	SE = 06
V = 55 mph	V = 55 mph



I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
82435A975745452

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW12

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NOTES:

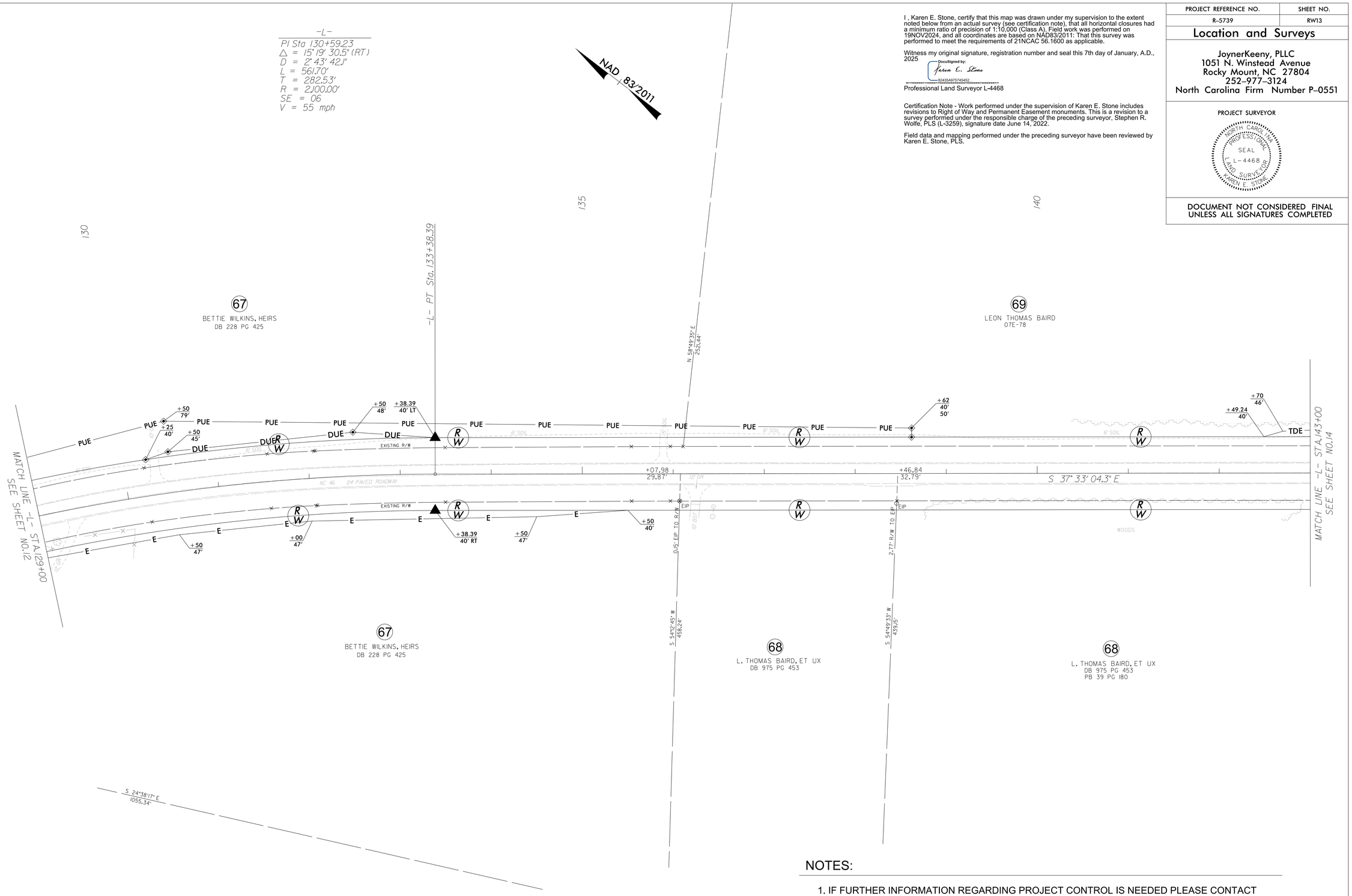
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 14FEB2022 TO 19NOV2024 .

08-JAN-2025 16:54
R:\Active\R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r-5739_ls_rw12.dgn
rpgutness AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

-L-
PI Sta 130+59.23
△ = 15° 19' 30.5" (RT)
D = 2° 43' 42.1"
L = 561.70'
T = 282.53'
R = 2,100.00'
SE = 06
V = 55 mph



I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
B243SA975745452...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW13

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

08-JAN-2025 16:57
R:\Roadway\Proj\R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r-5739_ls_rw13.dgn
pouthress AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

-L-
PI Sta 150+78.74
△ = 0° 08' 15.1" (LT)
D = 0° 17' 11.3"
L = 48.00'
T = 24.00'
R = 20,000.00'
SE = NC
V = 55 mph

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
9243549574545 2

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW14

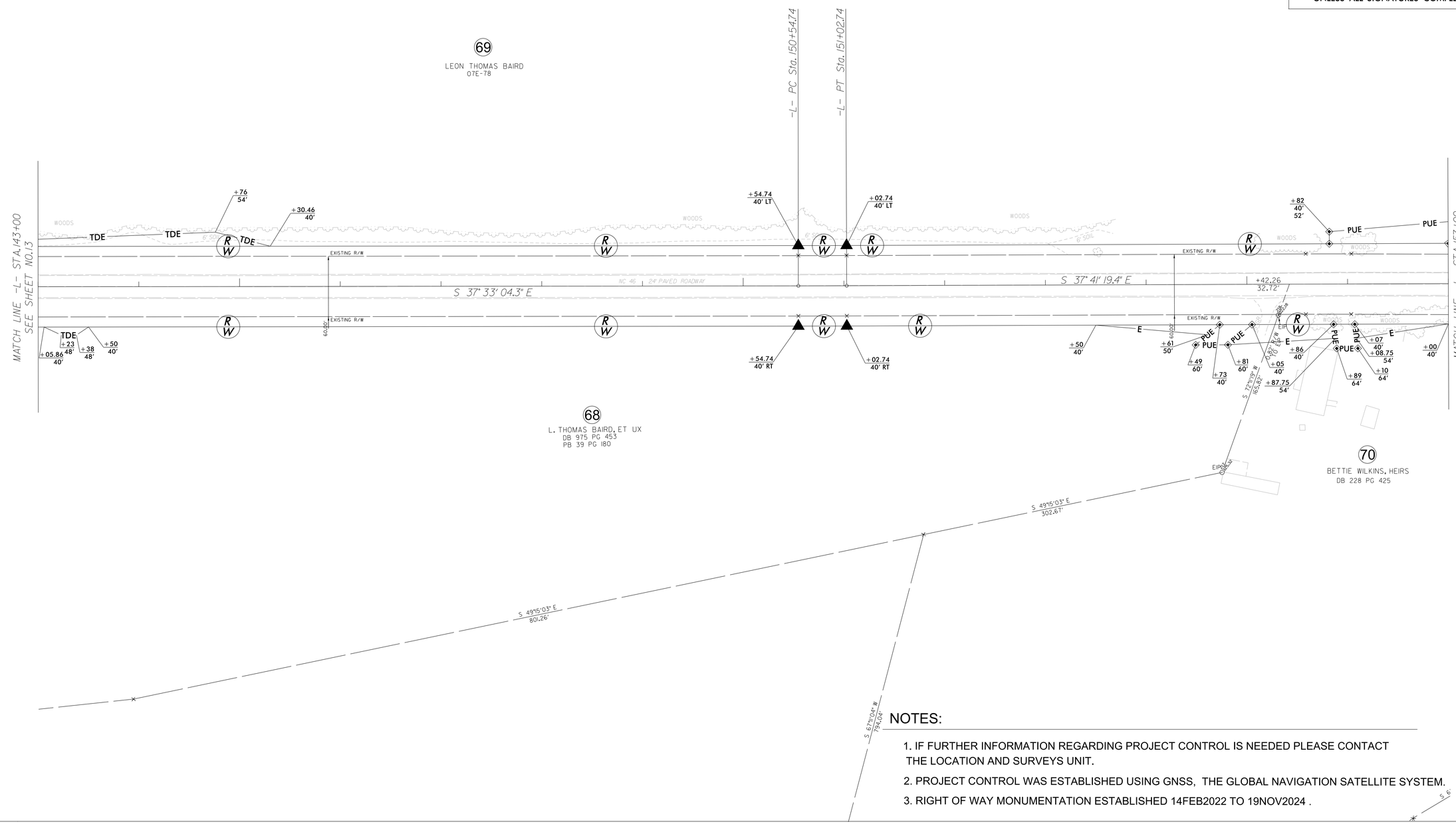
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

08-JAN-2025 15:59
rpothress
C:\Users\rpothress\AD\Jacobs\CH2MHILL - Projects\R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw14.dgn

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

-Y2-

PI Sta 15+20.95	PI Sta 18+94.28	PI Sta 21+76.42
△ = 15° 42′ 44.6″ (LT)	△ = 36° 19′ 28.9″ (RT)	△ = 18° 52′ 29.7″ (LT)
D = 5° 43′ 46.5″	D = 19° 05′ 54.9″	D = 8° 11′ 06.4″
L = 274.23′	L = 190.20′	L = 230.60′
T = 137.98′	T = 98.42′	T = 116.35′
R = 1,000.00′	R = 300.00′	R = 700.00′
SE = 08	SE = SEE PLANS	SE = SEE PLANS
	V = STOP CONDITION	V = STOP CONDITION

V = 55 mph

-L-

PI Sta 161+80.48	PI Sta 170+24.86
△ = 14° 44′ 06.5″ (RT)	△ = 10° 15′ 55.6″ (LT)
D = 1° 56′ 08.4″	D = 1° 56′ 08.4″
L = 761.24′	L = 530.33′
T = 382.73′	T = 265.88′
R = 2,960.00′	R = 2,960.00′
SE = 05	SE = 05
V = 55 mph	V = 55 mph

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
B243SA975745452...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW15

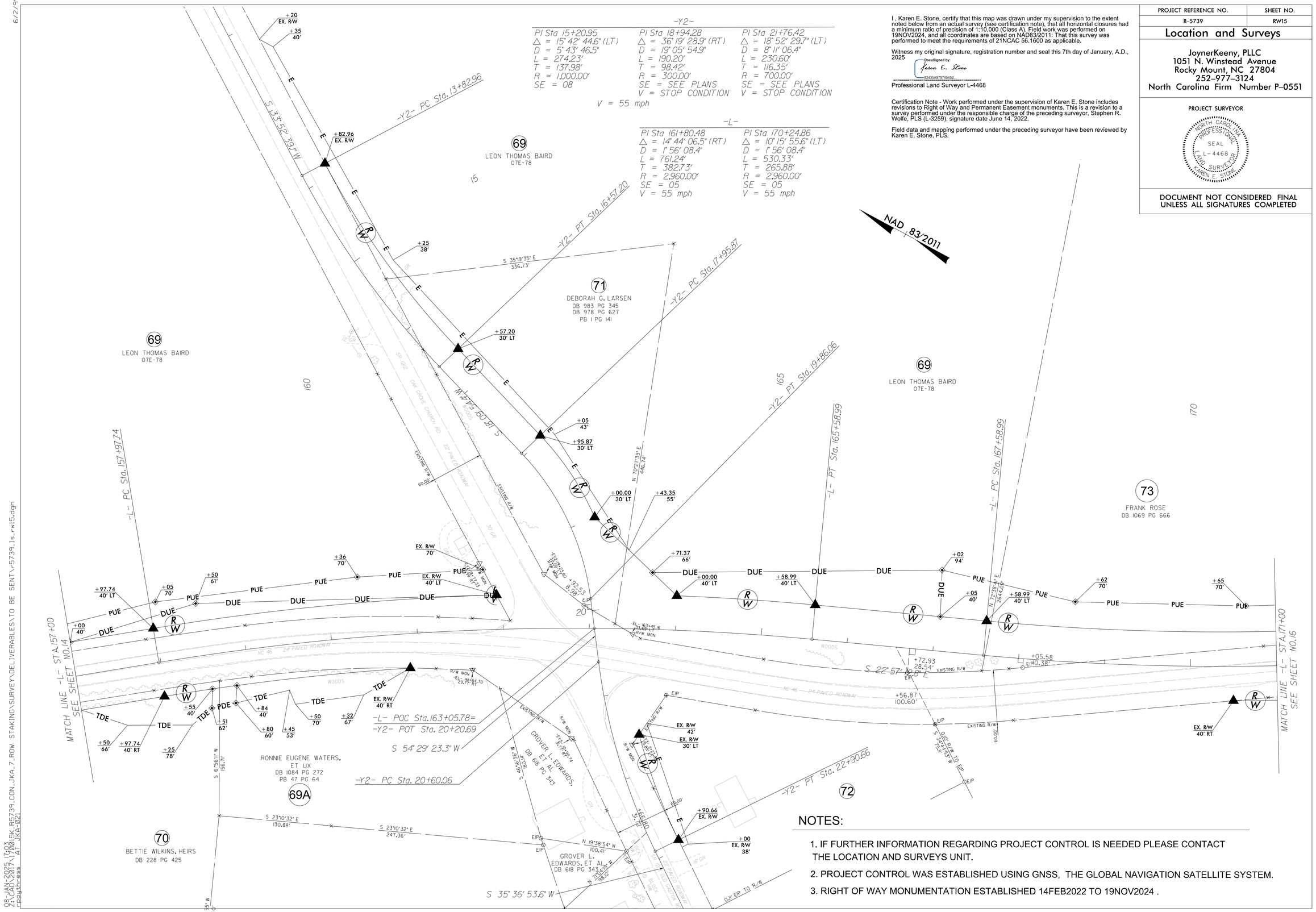
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

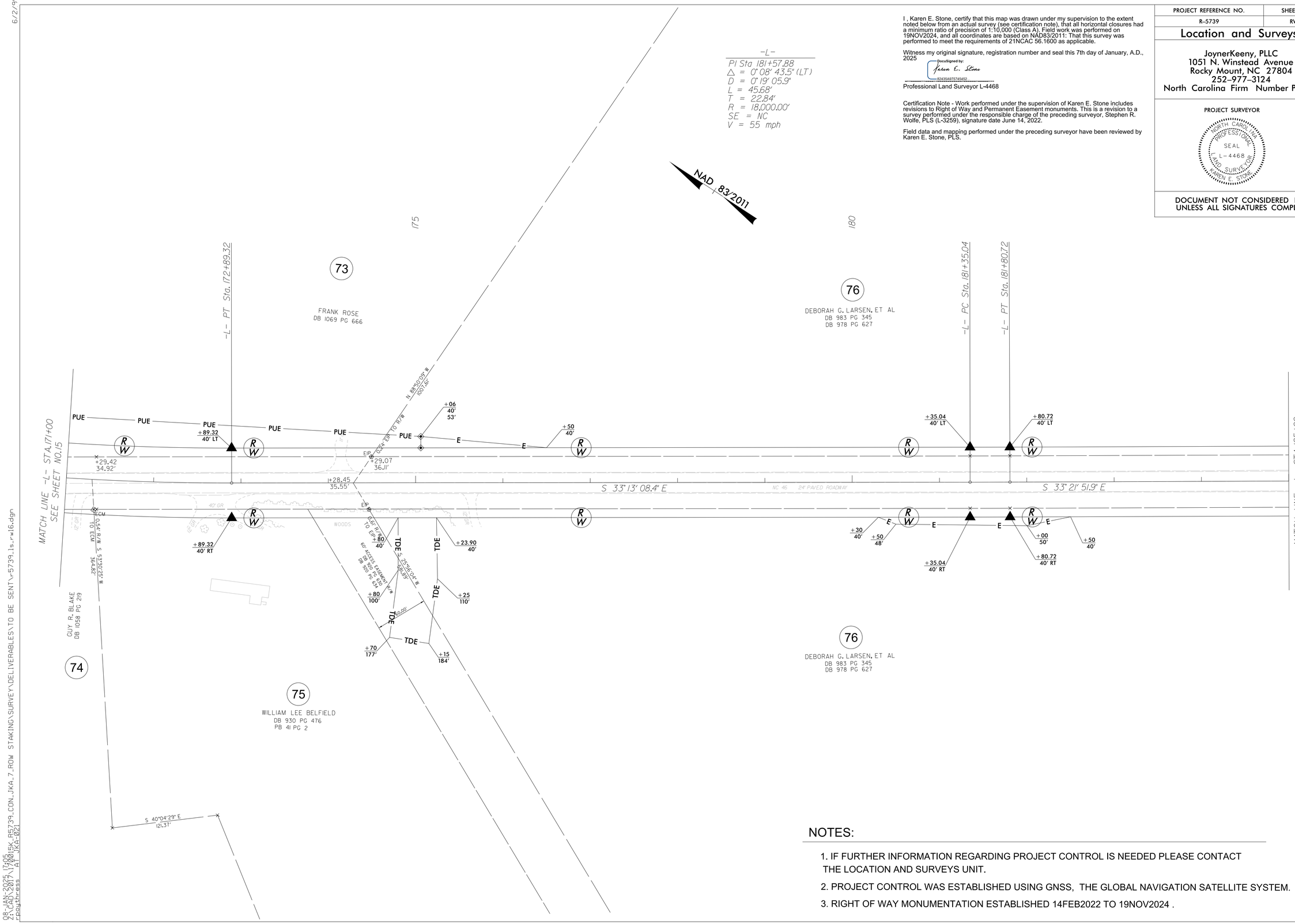


NOTES:

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 14FEB2022 TO 19NOV2024 .

08-JAN-2025 17:03
23-JAN-2025 17:00
rpouthress
R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw15.dgn
AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09



I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
02435A975745452...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW16

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

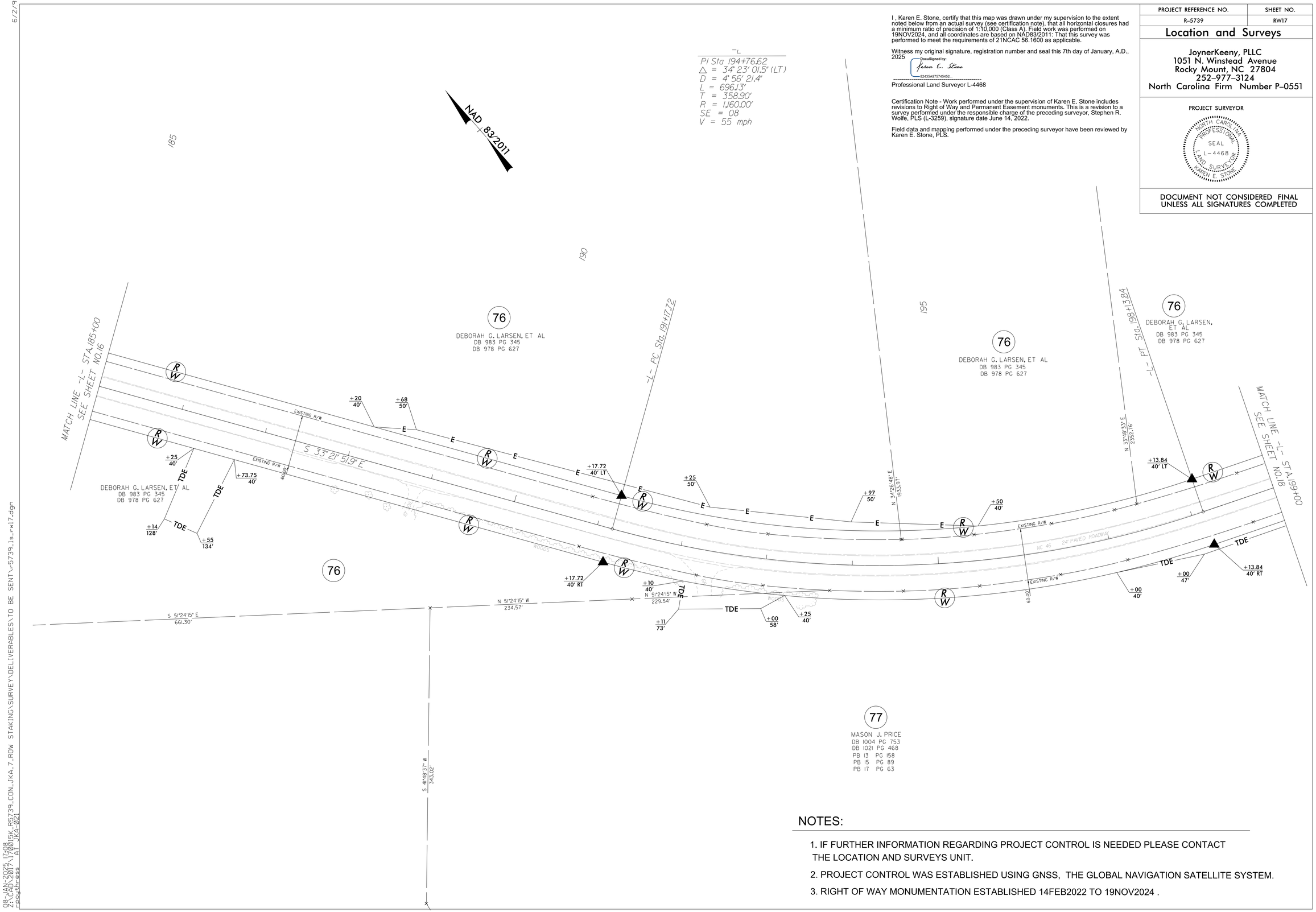
NOTES:

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 14FEB2022 TO 19NOV2024 .

6/2/99
08-JAN-2025 17:05
28-JAN-2025 17:01
rpoutress
R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw16.dgn
AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99



I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
92435A975745452...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW17

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

08-JAN-2025 17:08
R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw17.dgn
rpoutness AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
B2435A975745452...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW18

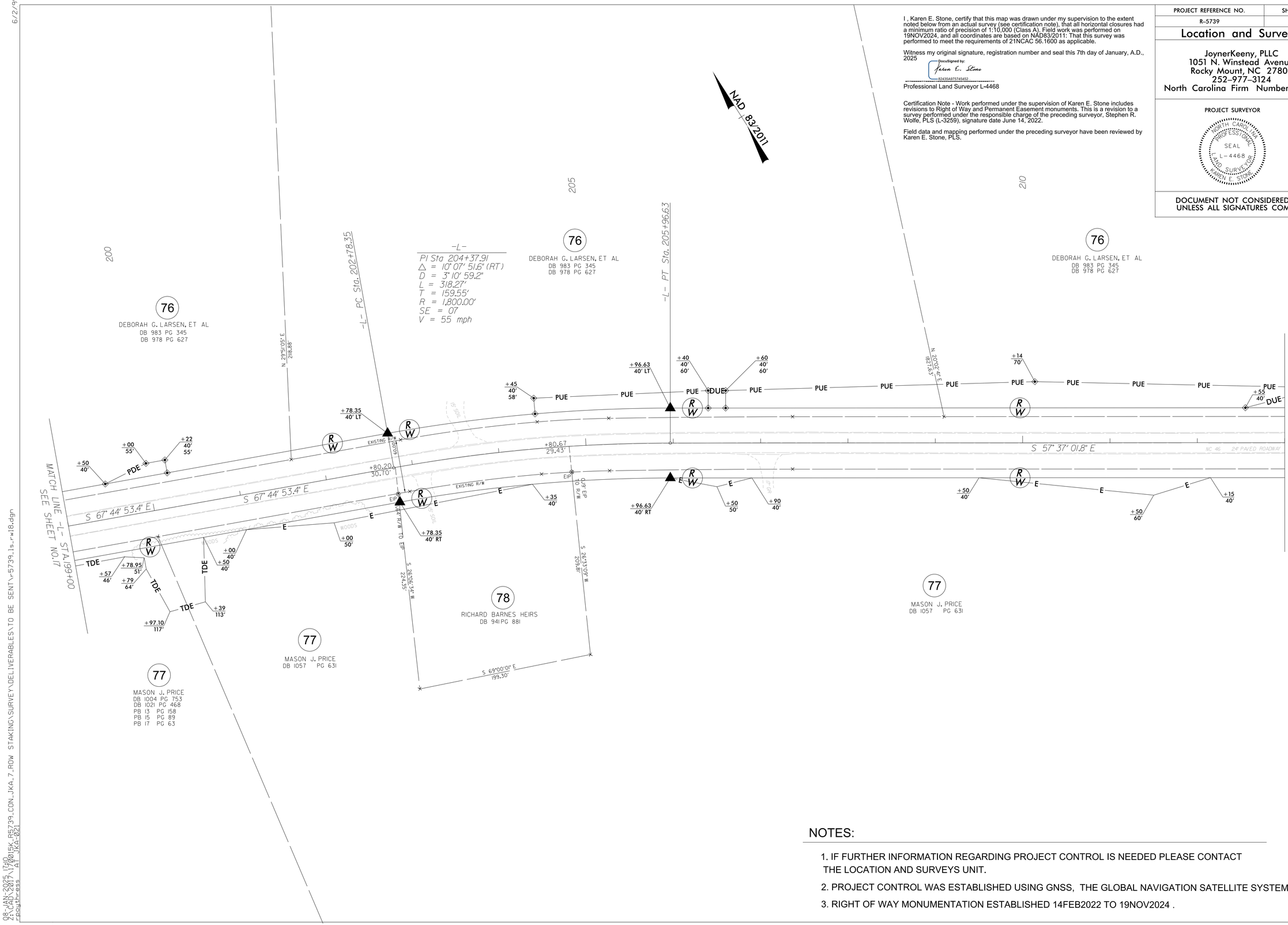
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

08-JAN-2025 17:10
C:\CAD\Projects\2017\R5739\R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r5739_ls_rw18.dgn
rpoutness AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

-L-
PI Sta 219+47.50
△ = 4° 23' 08.5" (LT)
D = 0° 59' 59.7"
L = 438.60'
T = 219.41'
R = 5,730.00'
SE = 03
V = 55 mph

NAD 83/2011

215 220 225

76
DEBORAH G. LARSEN, ET AL
DB 983 PG 345
DB 978 PG 627

-L- PC Sta. 217+28.09

-L- PT Sta. 221+66.69

79
THE THOMAS & JEAN VINCENT FAMILY REAL ESTATE HOLDINGS,LLC
DB 949 PG 277

MATCH LINE -L- STA.213+00 SEE SHEET NO.18

MATCH LINE -L- STA.227+00 SEE SHEET NO.20

+57 73' | +60 40' 63' | +43 63' 63.45' | +34 40' 55' | +85 40' 50' 58' | +15 50.52' 58' | +28.09 40' LT | +60 40' 50' | +66.69 40' LT | +20 40' | +50 50'

TDE TDE PUE TDE PDE TDE PDE PDE PDE PDE E E E E E

EXISTING R/W

N 06°44' 41" E 155.76'

S 57° 37' 01.8" E

S 62° 00' 10.3" E

+97.99 36.50'

EIP

+28.09 40' RT | +00 53' | +50 40' | +66.69 40' RT | +07 51' | +39 40' | +16.50 40' | +47 54' | +64 52' | +91.75 40'

TDE TDE TDE TDE TDE TDE

WOODS

3.98' EIP TO R/W

S 04°15' 58" E 2,118.44'

77
MASON J. PRICE
DB 1057 PG 631

80
HIATT & HIATT, LLC
DB 1038 PG 846

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW19

Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
B243A9757454 52

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

08-JAN-2025 17:17
R:\CAD\2017\17001SK_R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r-5739_ls_rw19.dgn
rpoutress AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
B2435A97574542...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW20

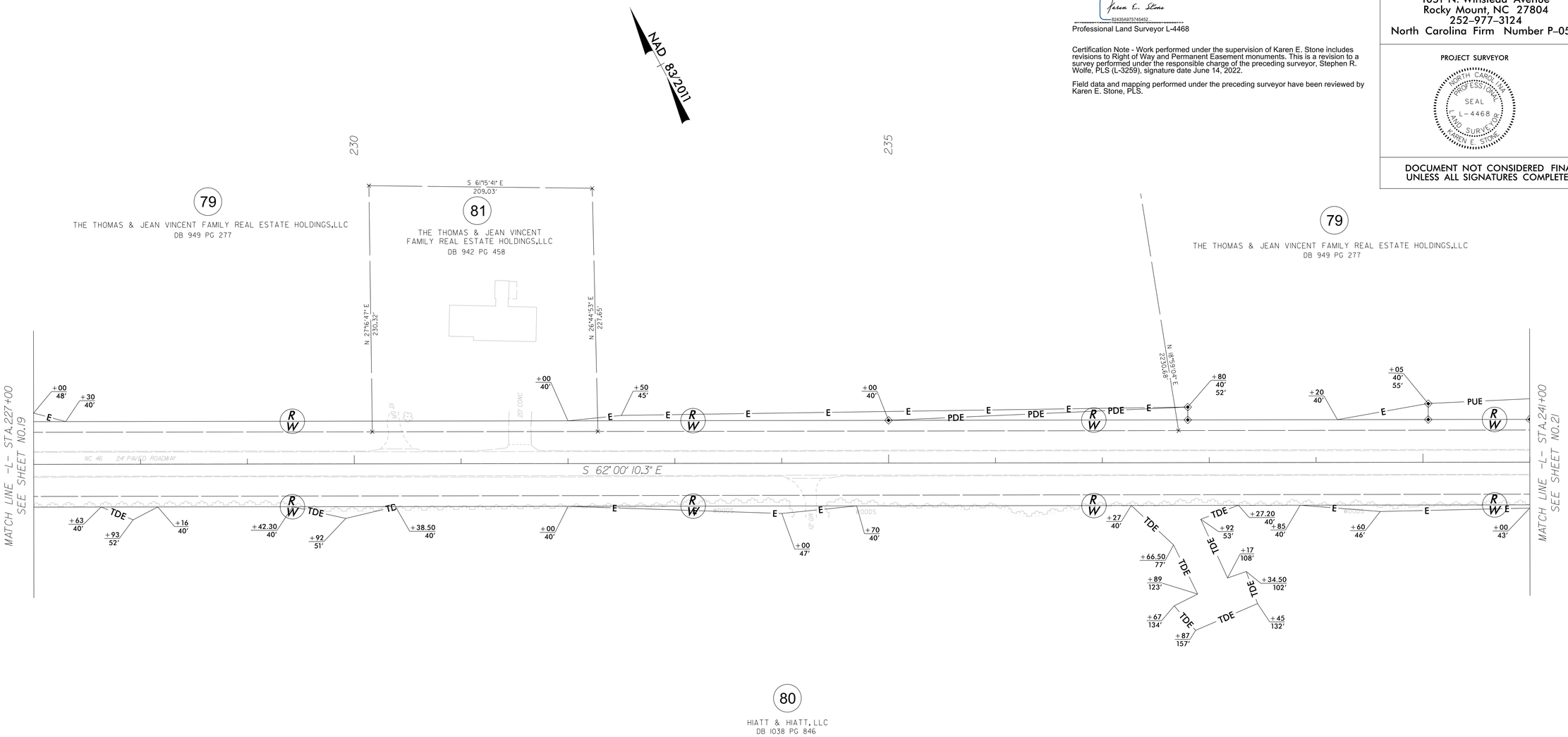
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

08-JAN-2025 17:15
R:\Local_Data\PWWI\015K_R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r-5739_1s_rw20.dgn
rpoutness AT JKA-021

Docusign Envelope ID: BF758CAC-60C3-4334-A1C1-F4FD43E3DB09

6/2/99

-L-

PI Sta 242+96.87	PI Sta 255+52.15
△ = 0° 07' 26.8" (LT)	△ = 48° 09' 15.6" (LT)
D = 0° 17' 11.3"	D = 4° 28' 34.4"
L = 43.33'	L = 1,075.78'
T = 21.66'	T = 571.96'
R = 20,000.00'	R = 1,280.00'
SE = NC	SE = 08
V = 55 mph	V = 55 mph

I , Karen E. Stone, certify that this map was drawn under my supervision to the extent noted below from an actual survey (see certification note), that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on 19NOV2024, and all coordinates are based on NAD83/2011: That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

Witness my original signature, registration number and seal this 7th day of January, A.D., 2025

DocuSigned by:
Karen E. Stone
B2A56A925754E9...

Professional Land Surveyor L-4468

Certification Note - Work performed under the supervision of Karen E. Stone includes revisions to Right of Way and Permanent Easement monuments. This is a revision to a survey performed under the responsible charge of the preceding surveyor, Stephen R. Wolfe, PLS (L-3259), signature date June 14, 2022.

Field data and mapping performed under the preceding surveyor have been reviewed by Karen E. Stone, PLS.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	RW21

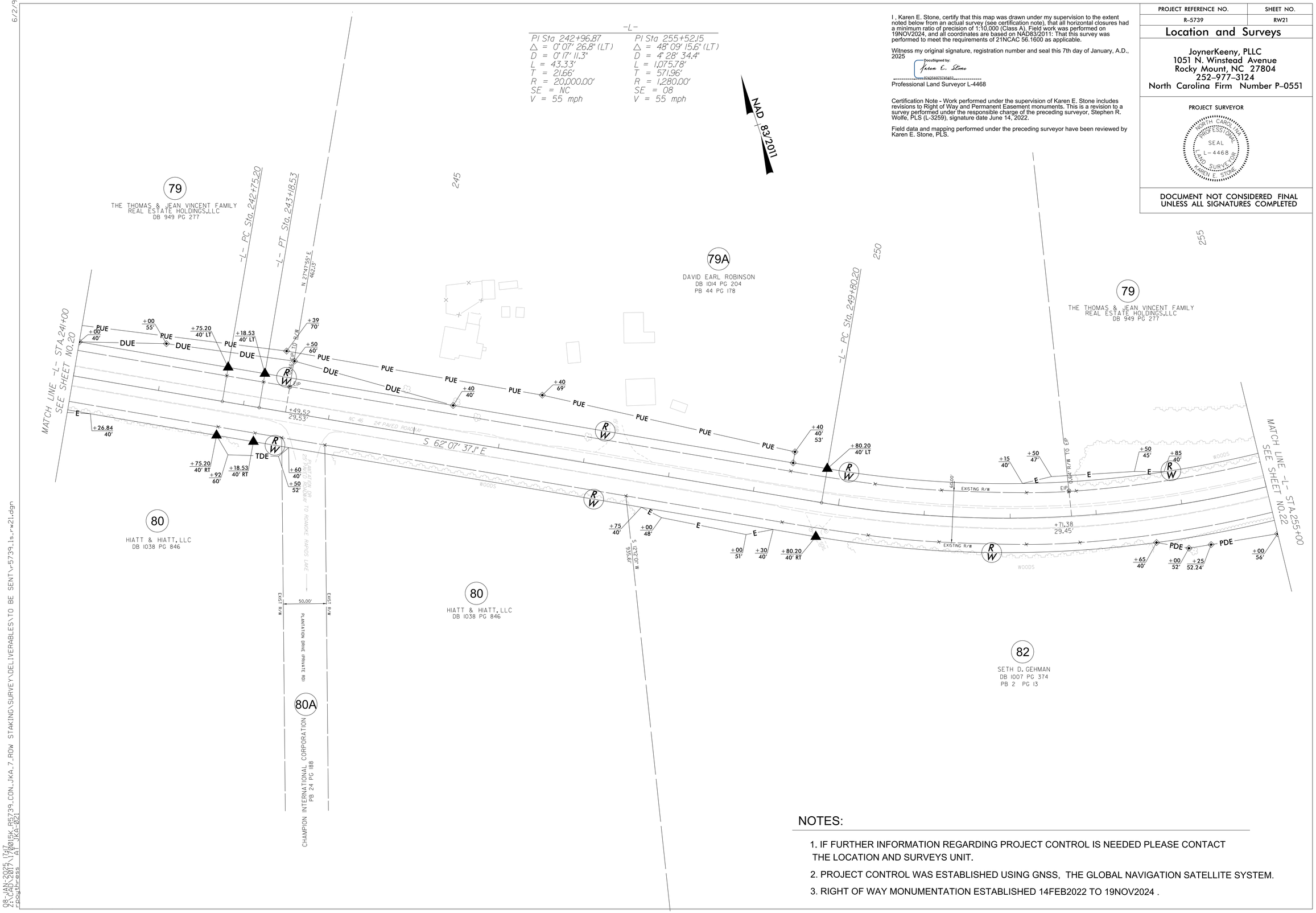
Location and Surveys

JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4468 LAND SURVEYOR KAREN E. STONE

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 14FEB2022 TO 19NOV2024 .

08-JAN-2025 17:47
R:\CAD\2017\17015K_R5739_CON_JKA_7_ROW STAKING\SURVEY\DELIVERABLES\TO BE SENT\r-5739_ls_rw21.dgn
rpoythress AT JKA-021