

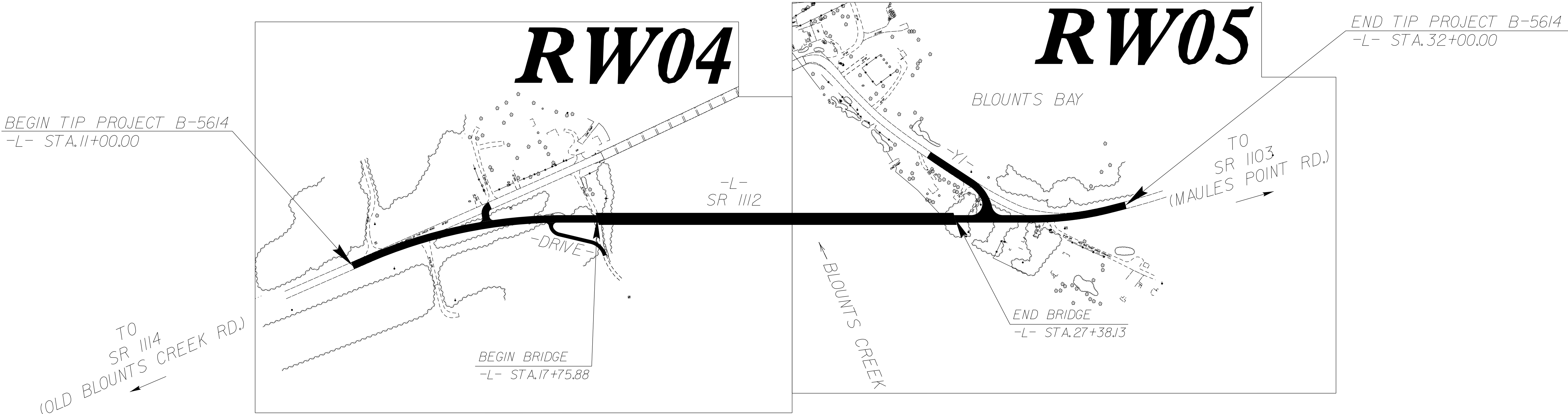
TIP PROJECT: B-5614

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

BEAUFORT

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5614	RW01	07



GRAPHIC SCALE



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR GPS MONUMENT "B5614-2" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 618281.562(ft) EASTING: 2603012.526(ft) ELEVATION: 11.81(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99988273 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5614-2" TO -L- STATION 11+00.00 IS N 67-15'59.77" E 386.93(ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:

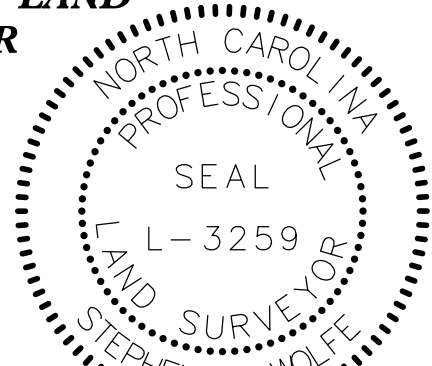
JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
11/15/2021

LETTING DATE:
06/21/2022

PROFESSIONAL LAND
SURVEYOR

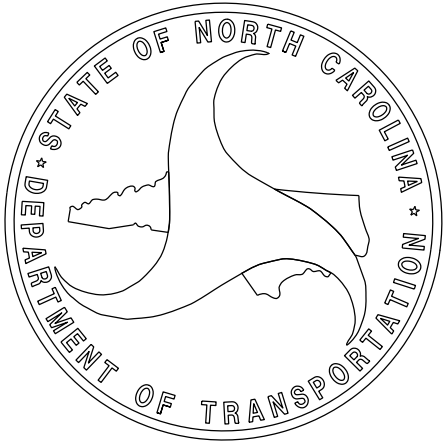


DocuSigned by:
Stephen Wolfe
306B875F3B40448...

27 January 2022

SIGNATURE:

Date:



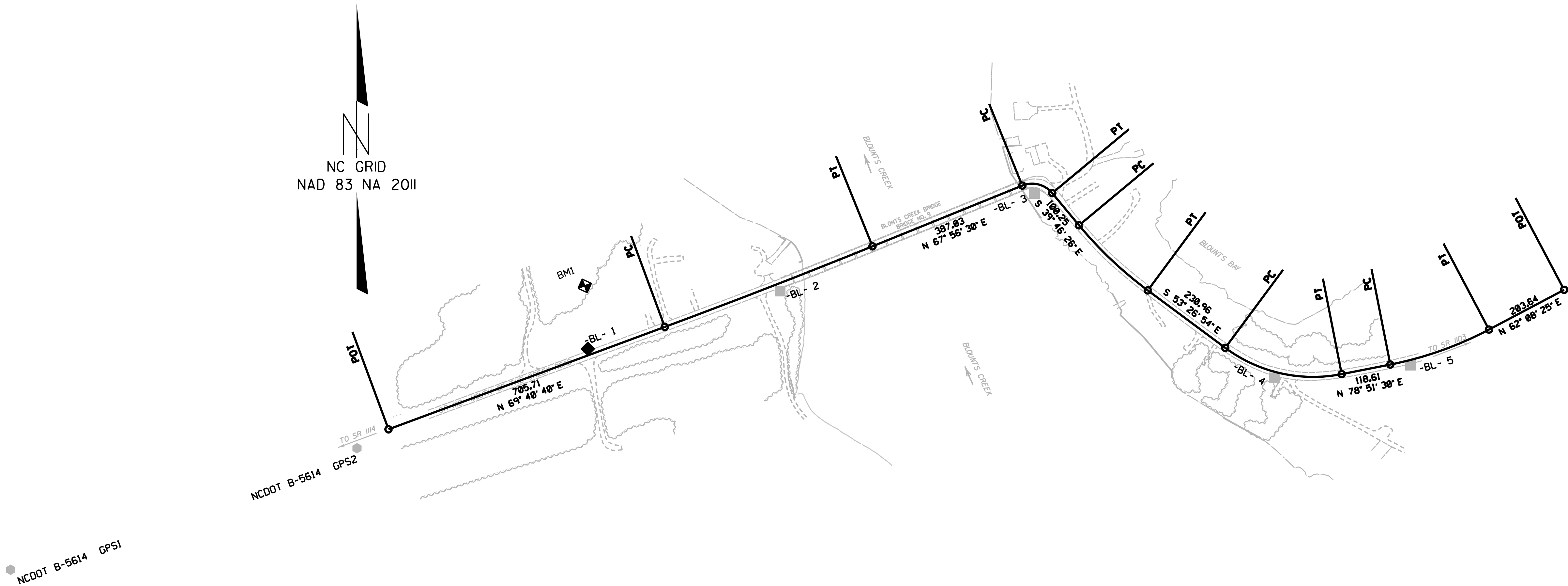
6/2/99

REVISIONS

05 JUN 2018 07:47
N:\PROJECTS\B-5614\Control\Sheet\B5614.LS.RW02C.dgn
11:50:23 AM 6/2/2018

SURVEY CONTROL SHEET B-5614
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
B-5614	RW02C
Location and Surveys	



BASELINE

BL	POINT	DESC.	NORTH	EAST	ELEVATION
GPS2		NCDOT B5614 GPS	618201.5620	2603012.5260	11.81
1		BL-1	618519.5871	2603565.5347	6.36
2		BL-2	618657.8277	2604025.7809	8.21
3		BL-3	618891.5824	2604635.4204	4.36
4		BL-4	618450.9530	2605209.5367	8.13
5		BL-5	618488.7511	2605536.0450	16.08

BENCHMARK

BMI	ELEVATION	10.47
N 618670	E 2603558	
R/R SPIKE SET IN 18" HARDWOOD		

EXISTING ALIGNMENT

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PT	618326.899	2603888.070	N 69° 48' 40.4" E	705.71					
LINE									
PT	618571.590	2603749.852	N 68° 48' 35.2" E	533.72	01° 44' 10.3" (L)	00° 19' 31.0"	533.74	266.89	17613.89
CURVE									
PT	618764.911	2604247.484	N 67° 56' 30.1" E	387.03					
LINE									
PT	618910.259	2604696.180	S 75° 54' 58.0" E	74.06	72° 17' 03.7" (R)	91° 15' 36.1"	79.21	45.85	62.78
CURVE									
PT	618892.237	2604678.012	S 39° 46' 26.1" E	100.25					
LINE									
PT	618815.185	2604742.150	S 46° 36' 39.9" E	226.71	13° 40' 27.6" (L)	06° 01' 02.5"	227.25	114.17	952.17
CURVE									
PT	618659.448	2604906.900	S 53° 26' 53.7" E	230.96					
LINE									
PT	618521.900	2605092.435	S 77° 17' 41.7" E	285.96	47° 41' 36.0" (L)	16° 12' 02.9"	294.39	156.33	353.66
CURVE									
PT	618459.008	2605371.396	N 78° 51' 30.3" E	118.61					
LINE									
PT	618481.928	2605487.774	N 70° 29' 47.6" E	250.74	16° 43' 05.7" (L)	06° 38' 38.4"	251.63	126.72	862.37
CURVE									
PT	618555.629	2605724.129	N 62° 08' 24.7" E	203.64					
LINE									
PT	618660.790	2605904.162							

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

REVISIONS

27-JAN-2022 12:43
27-JAN-2022 15:07 3B NCDOT_B5614_Rw_Beaufort\SURVEY\DELIVERABLES\TO BE SENT\b5614_1s.rw02d+1.dgn
F:\p\thress\A\JKA-021

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.

B-5614

SHEET NO.

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

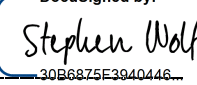


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Stephen R. Wolfe, 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 27th day of January, 2022.

DocuSigned by:



2022/01/27 15:04:46

Professional Land Surveyor L-3259

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	618396.3587	2603275.6205
PC	11+37.06	618443.9578	2603404.1451
PT	16+84.46	618524.5918	2603941.6782
PC	29+48.74	618452.7012	2605203.9183
PT	31+58.12	618467.0532	2605412.2488
POT	32+35.10	618481.9277	2605487.7743

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	618459.4236	2605085.8888
PC	10+05.34	618464.7591	2605086.1927
PT	11+14.22	618559.3791	2605041.0810
POT	12+82.24	618659.4483	2604906.9004

DRIVE			
TYPE	STATION	NORTH	EAST
POT	10+00.00	618526.1053	2603907.2540
PC	10+12.93	618513.1803	2603906.8533
PT	10+52.27	618483.5081	2603928.2453
PC	11+40.61	618458.2030	2604012.8817
PT	11+90.32	618424.4096	2604046.5263
POT	12+03.49	618411.7710	2604050.2443

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.

REVISIONS

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.
B-5614

SHEET NO.
RW03E-1

Location and Surveys

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

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Stephen R. Wolfe, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 01/04/22 to 01/10/22, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 27th day of January, 2022.

DocuSigned by:

Professional Land Surveyor L-3259

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	10+00.00	-29.67	618424.1860	2603265.3147
L	11+37.06	-29.67	618471.7851	2603393.8392
L	12+35.40	42.37	618433.9610	2603509.2870
L	12+50.33	-34.62	618512.1005	2603502.6969
L	12+74.39	42.76	618443.5130	2603545.7960
L	13+15.62	-93.40	618585.7000	2603554.8250
L	13+98.50	65.82	618445.1564	2603666.9947
L	14+87.60	99.16	618422.4791	2603754.0473
L	16+60.64	-143.49	618669.1110	2603923.4851
L	17+00.71	-96.65	618620.1624	2603963.4005
L	17+21.00	-50.00	618572.4330	2603981.0040
L	17+70.00	-128.10	618647.6170	2604034.3652
L	17+95.00	-205.56	618723.5297	2604063.7293
L	18+00.89	40.00	618478.0359	2604055.6461
L	18+09.14	-40.00	618557.4372	2604068.4343
L	18+10.24	-50.00	618567.3588	2604070.0951
L	27+45.47	-40.00	618504.1954	2605003.2442
L	27+70.00	40.00	618422.9298	2605023.1888
L	27+70.00	31.60	618431.3185	2605023.6666
L	28+60.00	27.53	618430.2572	2605113.7520
L	29+48.74	-50.06	618502.6776	2605206.7605
L	29+48.74	23.72	618429.0176	2605202.5652
L	31+14.62	-35.20	618494.6129	2605364.3840
L	31+17.90	29.72	618430.8380	2605376.9442
L	32+35.10	-36.29	618517.5331	2605480.7620
L	32+35.10	28.71	618453.7581	2605493.3222

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
DRIVE	10+88.84	60.68	618414.8912	2603945.9015
DRIVE	11+10.94	8.65	618458.4151	2603981.9803

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
EL	11+00.96	30.33	618333.5228	2603193.2731
EL	11+49.97	40.12	618341.3630	2603242.6400

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
EY1	27+05.68	30.00	618873.0444	2604654.9543
EY1	28+05.93	-30.00	618834.3779	2604765.2068
EY1	28+05.93	30.00	618795.9923	2604719.0923

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	10+56.65	77.39	618545.6316	2605148.2602

NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- RIGHT OF WAY MONUMENTATION ESTABLISHED 01/04/22 TO 01/10/22 .

REVISIONS

PERMANENT EASEMENT CONTROL SHEET

I, Karen E. Stone, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (see deeds for final determination).

Witness my original signature, registration number and seal this 9th day of October, 2024.

DocuSigned by:
Karen E. Stone
82436A975745452.....
Professional Land Surveyor

L-4468
PLS *

Seal

PROJECT REFERENCE NO.
B-5614

SHEET NO.
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


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	11+87.58	-50.67	618508.7508	2603436.0647
L	11+88.35	-30.69	618490.0076	2603443.0426
L	12+06.82	-51.57	618515.6968	2603454.8198
L	12+07.88	-31.60	618496.9535	2603461.7977
L	17+13.86	-67.00	618589.8118	2603974.8374
L	17+67.14	-67.00	618586.7819	2604028.0356
L	17+67.14	-50.00	618569.8094	2604027.0689
L	28+74.24	35.29	618421.7090	2605127.5267
L	30+26.01	33.10	618418.8094	2605282.3351
L	30+36.51	40.24	618412.1367	2605293.5905
L	30+43.63	29.11	618423.6405	2605300.4106

NOTES:

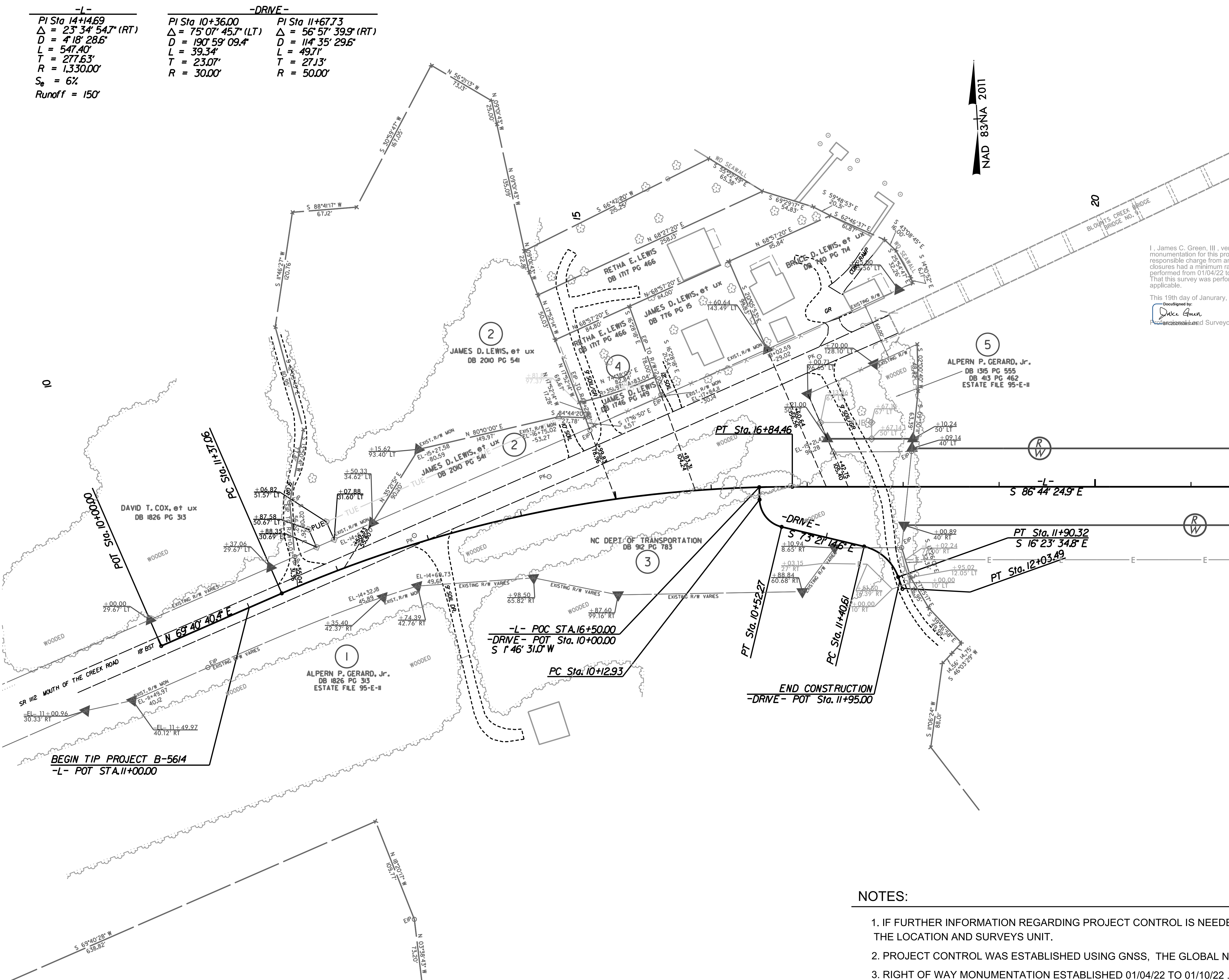
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/04/22 TO 01/10/22 .

I, James C. Green, III, verify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 01/04/22 to 01/10/22, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

DocuSigned by:
Dake Green

Professional Land Surveyor L-5082

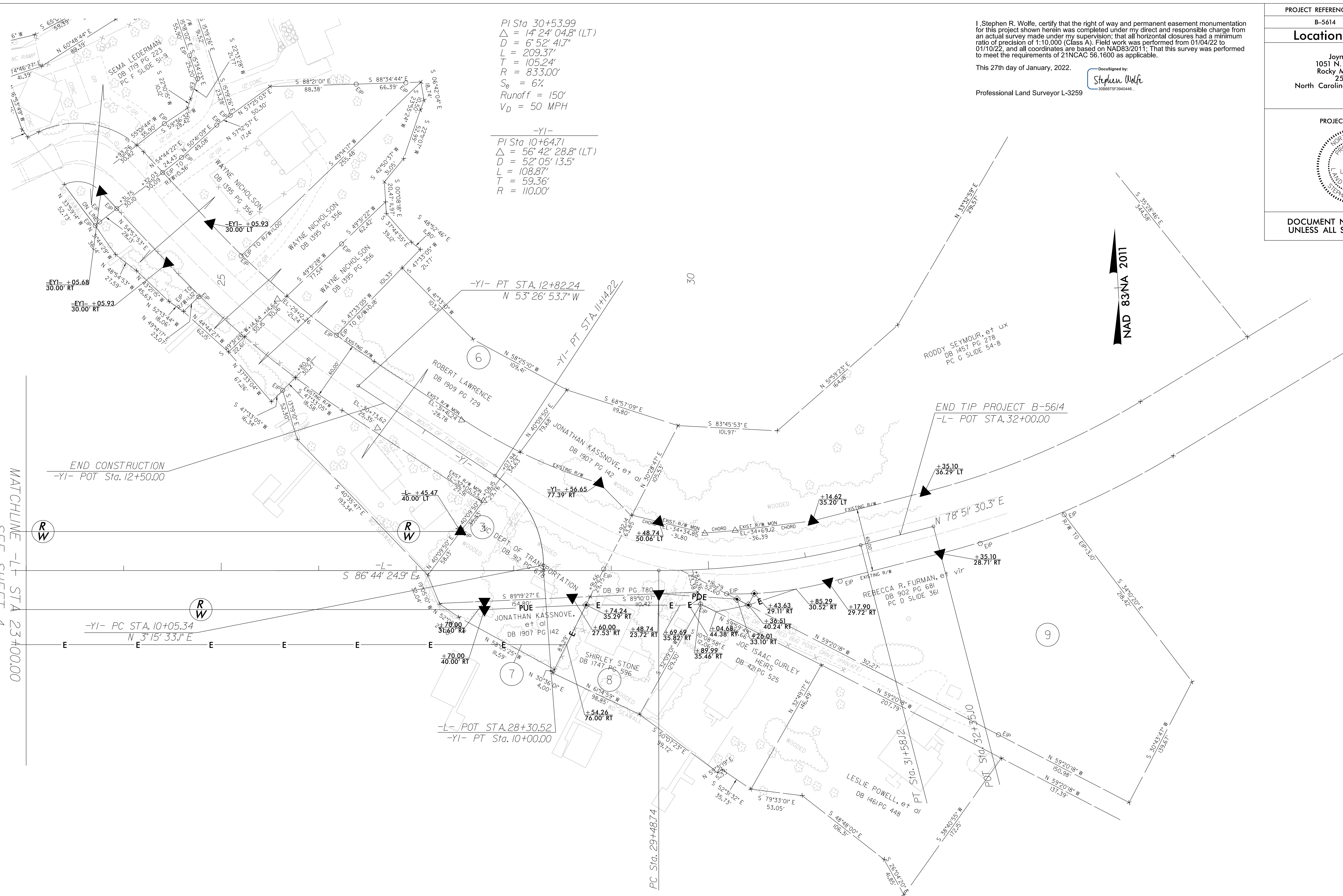
**MATCHLINE -L- STA 23+00.00
SEE SHEET RW05**



NOTES:

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3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/04/22 TO 01/10/22 .

SYSTEMS\$
\$DGN\$
\$USERNAM\$



-YI-

Pl Sta 10+64.71
 $\Delta = 56^{\circ} 42' 28.8''$ (LT)
 $D = 52^{\circ} 05' 13.5''$
 $L = 108.87'$
 $T = 59.36'$
 $R = 110.00'$

Professional Land Surveyor L-325

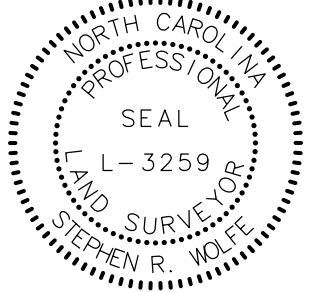
DocuSigned by:
Stephen Wolfe
30B6875F3940446...

PROJECT REFERENCE NO.	SHEET NO.
B-5614	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



Seal of a Professional Engineer in North Carolina. The seal is circular with a dashed outer border. Inside the border, the text "NORTH CAROLINA" is at the top, "PROFESSIONAL ENGINEER" is in the middle, "SEAL" is in the center, "L-3259" is below "SEAL", "STEVEN R. WOLFE" is at the bottom, and "LAND SURVEYOR" is written along the inner curve of the seal.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

NOTES:

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