09/08/99

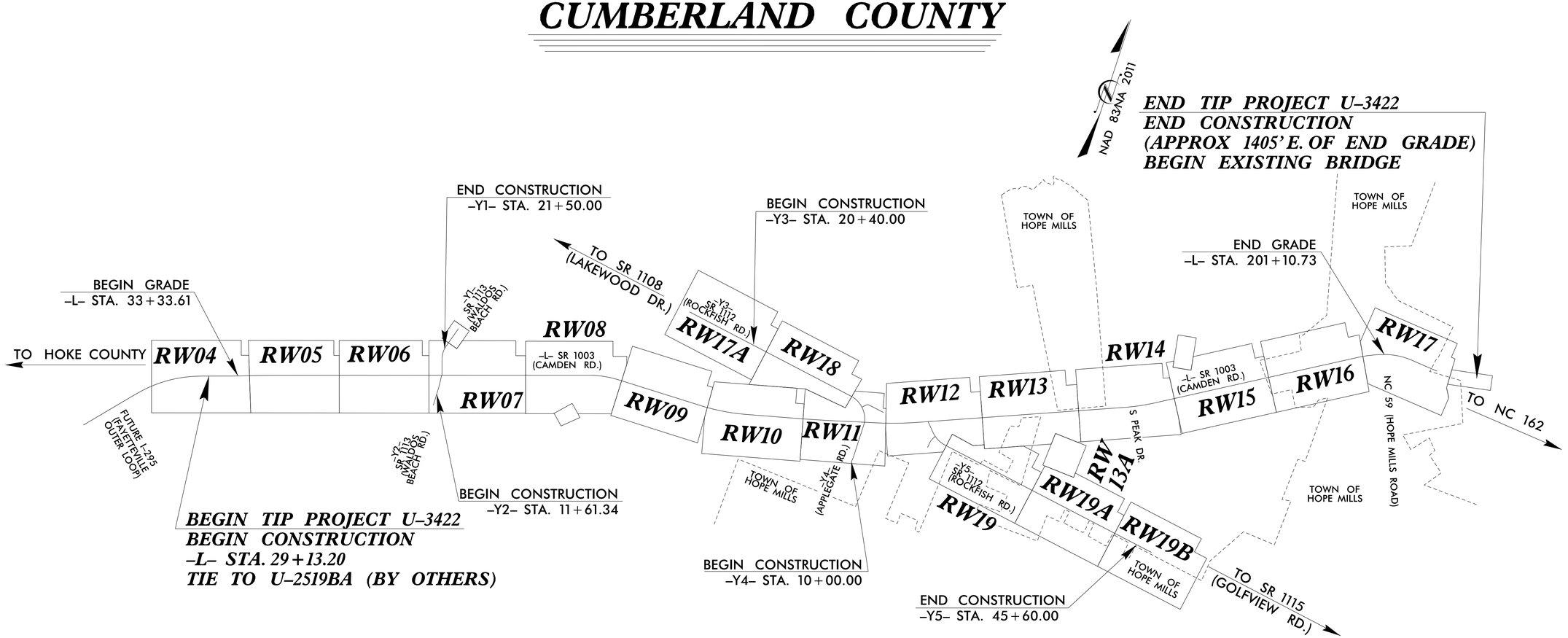
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-3422	RW01	36

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

CUMBERLAND COUNTY

TIP PROJECT: U-3422



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 NCGS FOR MONUMENT "BREEZE"
WITH NAD 83/NSRS NC STATE PLANE GRID COORDINATES OF
NORTHING: 455401.4875 (ft) EASTING: 2024426.7025 (ft)
ELEVATION: 218.08 (ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999880000
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BREEZE" TO -L- STATION 10+00.00 IS
S 68-28'56" W 33918.41(ft)
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88/GEOID12NC

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:*
07/30/2021	*N/A*

PROFESSIONAL LAND SURVEYOR

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

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

9/22/2026

SIGNATURE: *Date:*

STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION •

22-SEP-2026 12:57
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jmatthews AT UKA-PROFCON

6/2/99

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW02C-1

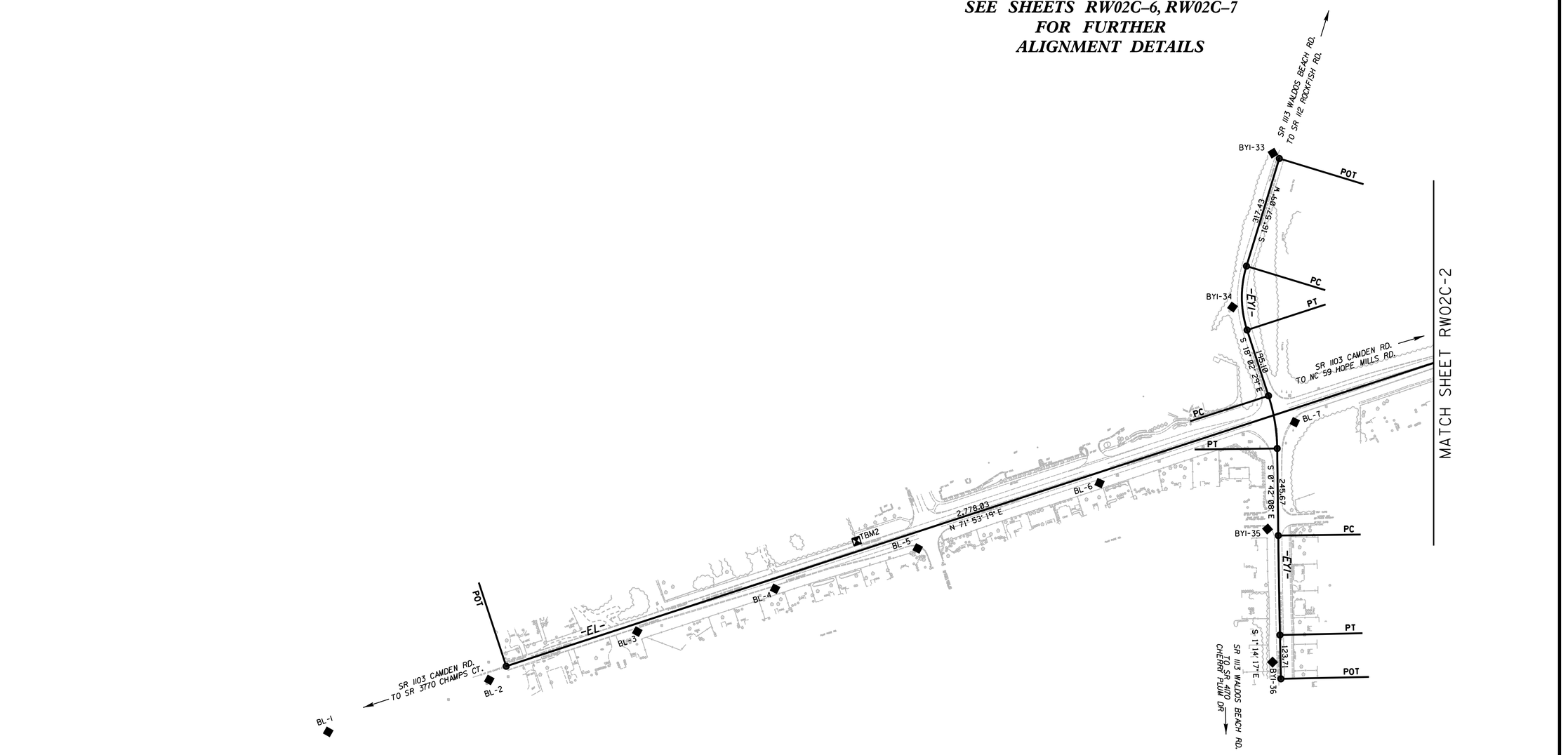
Location and Surveys

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

SURVEY CONTROL SHEET U-3422

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

SEE SHEETS RW02C-6, RW02C-7 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.

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mathews
AT SKA-011

6/2/99

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW02C-2

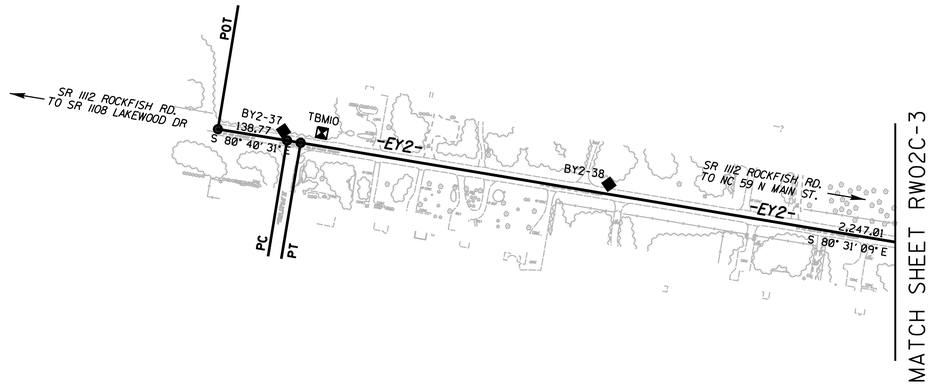
Location and Surveys

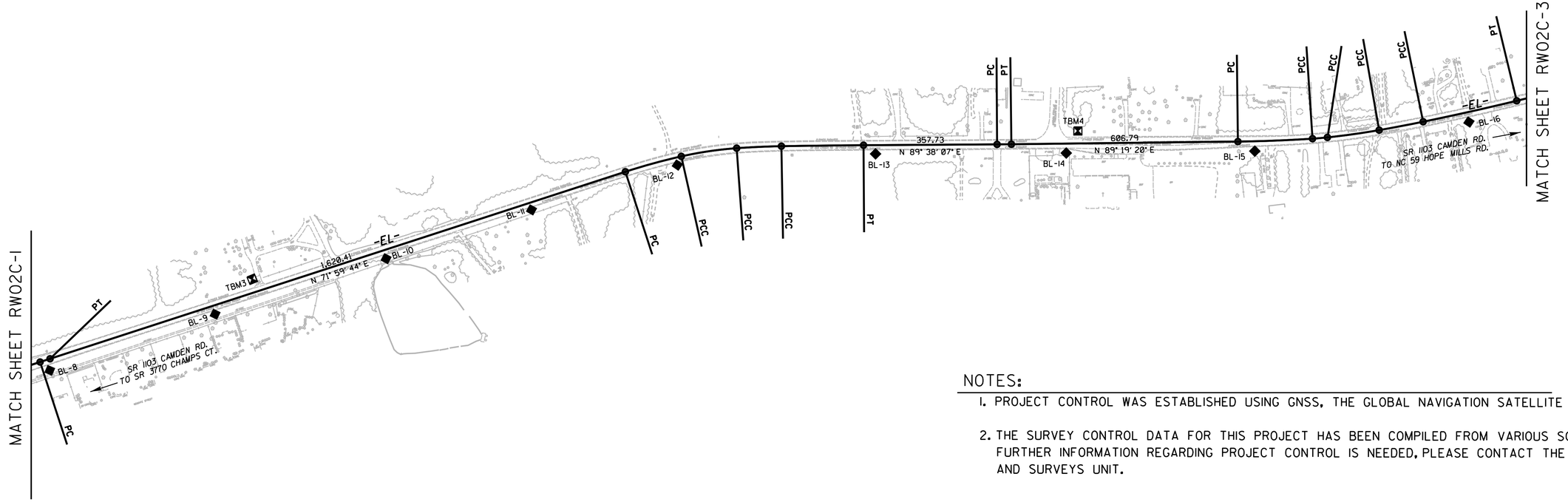
JoynerKeeny, PLLC
1051 N. Winstead Avenue
Rocky Mount, NC 27804
252-977-3124
North Carolina Firm Number P-0551

SURVEY CONTROL SHEET U-3422

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

SEE SHEETS RW02C-6, RW02C-7 FOR FURTHER ALIGNMENT DETAILS





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matthews AT JKA-011

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW02C-3

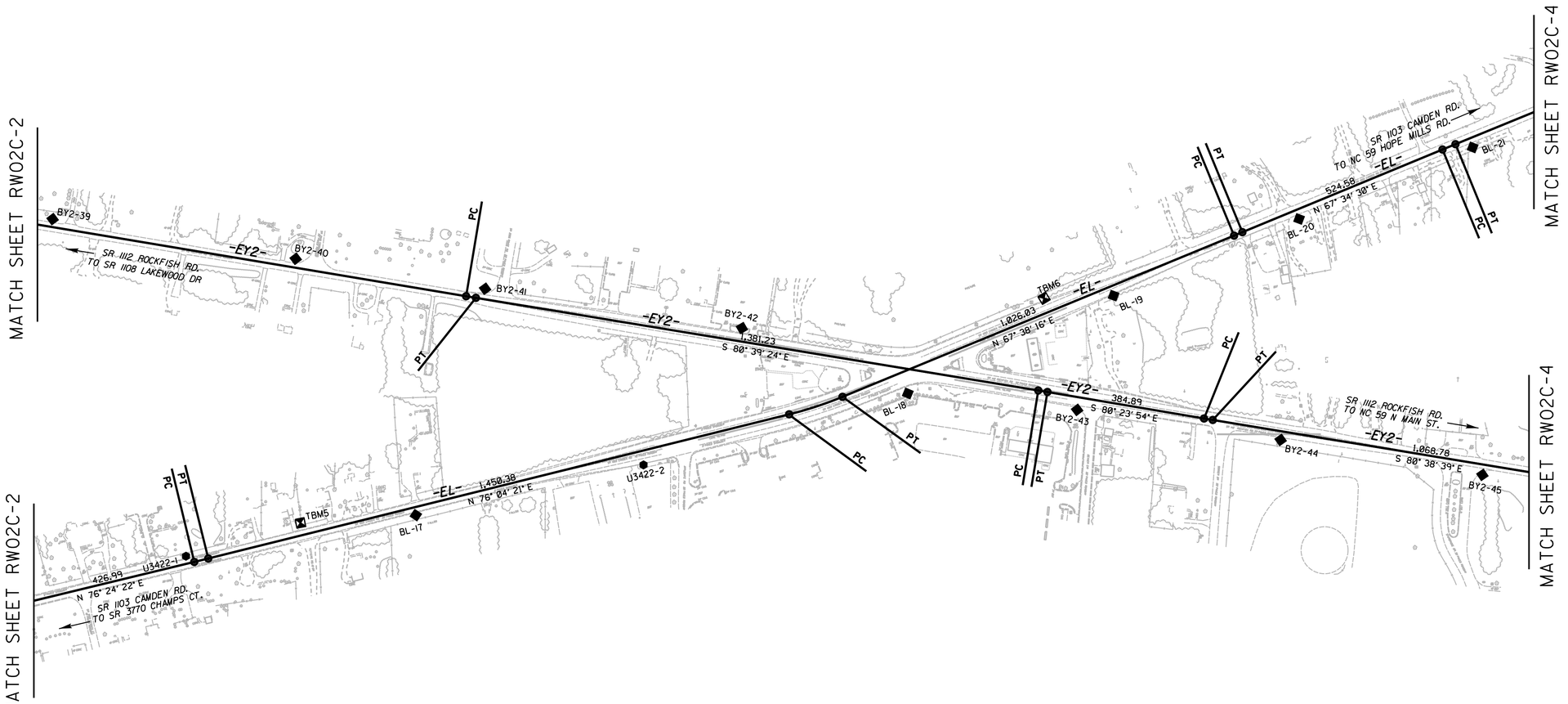
Location and Surveys

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

SURVEY CONTROL SHEET U-3422

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

SEE SHEETS RW02C-6, RW02C-7 FOR FURTHER ALIGNMENT DETAILS



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31-JAN-2019 16:08
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mathews AT JKA-011

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW02C-4

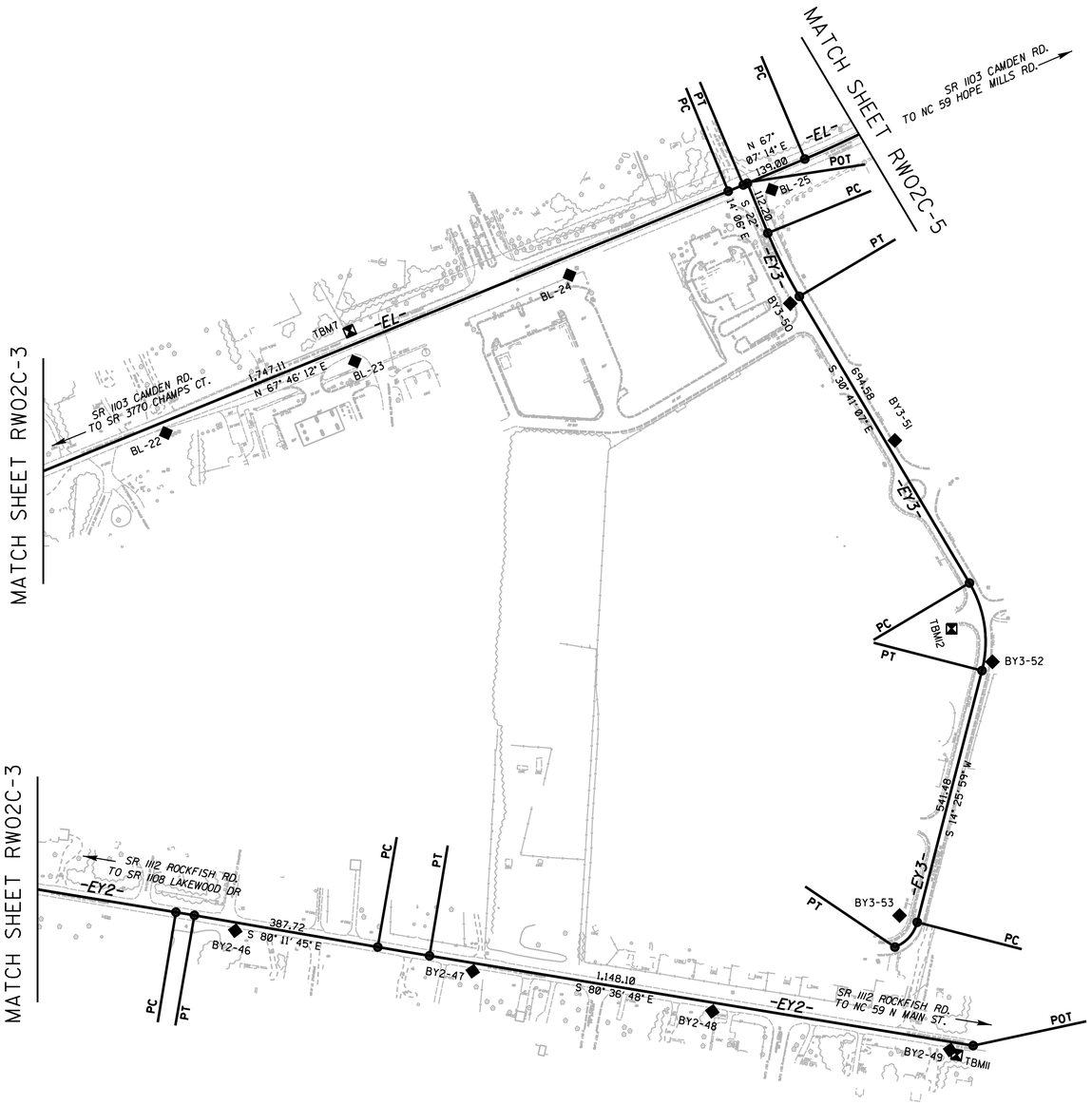
Location and Surveys

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

SURVEY CONTROL SHEET U-3422

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

SEE SHEETS RW02C-6, RW02C-7 FOR FURTHER ALIGNMENT DETAILS



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matthews AT JKA-011

6/2/99

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW02C-5

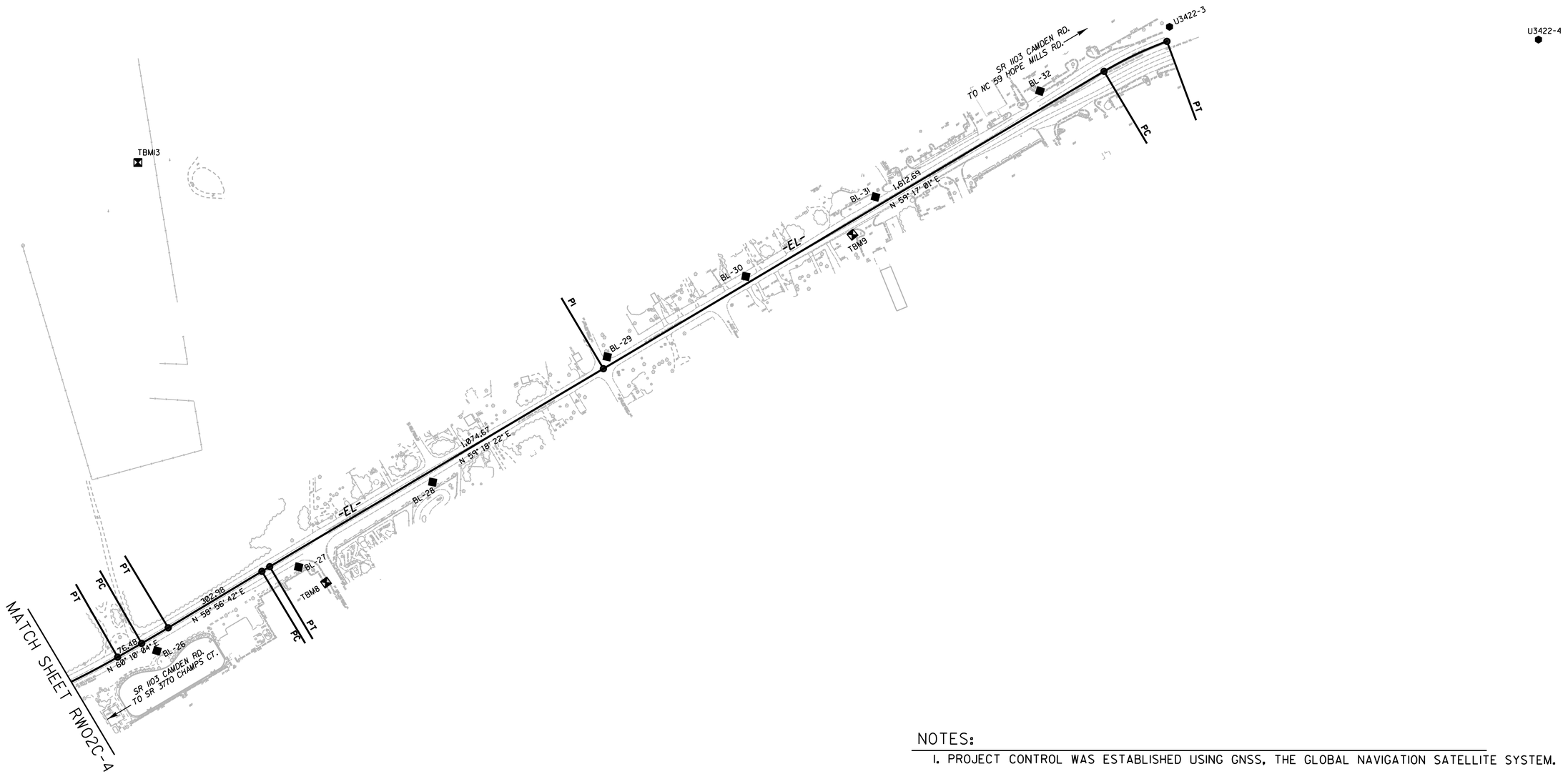
Location and Surveys

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

SURVEY CONTROL SHEET U-3422

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

SEE SHEETS RW02C-6, RW02C-7 FOR FURTHER ALIGNMENT DETAILS



NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
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mmatthews AT JKA-011

6/2/99

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW02C-6

Location and Surveys

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

SURVEY CONTROL SHEET U-3422

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BASELINE

BL

POINT	DESC.	NORTH	EAST	ELEVATION
63	U2519B-63	444133.9630	1994085.6110	176.97
64	U2519B-64	444243.3860	1994428.3290	177.61
1	BL-1	444355.2535	1994919.6932	177.67
2	BL-2	444501.8578	1995374.0698	177.81
3	BL-3	444638.1488	1995791.5623	181.37
4	BL-4	444759.0107	1996180.3395	183.79
5	BL-5	444872.7951	1996582.8381	182.96
6	BL-6	445057.1959	1997095.8212	183.08
7	BL-7	445229.0488	1997646.5348	183.42
8	BL-8	445381.6938	1998088.0573	181.38
9	BL-9	445532.0659	1998530.8507	178.01
10	BL-10	445680.7812	1998988.8714	171.73
11	BL-11	445811.4298	1999378.3620	176.92
12	BL-12	445931.3906	1999769.0154	179.99
13	BL-13	445961.4217	2000299.8731	180.85
14	BL-14	445963.6233	2000810.6873	181.60
15	BL-15	445968.7974	2001315.6353	186.40
16	BL-16	446046.6599	2001889.2904	186.11
91	U3422-1	446217.8150	2002412.2450	184.97
17	BL-17	446317.1736	2002969.2249	184.19
92	U3422-2	446438.8530	2003520.9770	182.44
18	BL-18	446611.8066	2004161.4121	175.09
19	BL-19	446848.6811	2004660.0181	173.77
20	BL-20	447034.3524	2005109.6291	173.24
21	BL-21	447207.6184	2005530.3050	172.88
22	BL-22	447372.5477	2005934.2397	171.33
23	BL-23	447521.8617	2006327.9244	173.11
24	BL-24	447701.6057	2006775.1832	172.28
25	BL-25	447879.7518	2007196.9958	171.45
26	BL-26	448080.8027	2007615.8993	169.67
27	BL-27	448312.8407	2008008.3339	167.54
28	BL-28	448547.9876	2008379.4210	170.90
29	BL-29	448895.2832	2008862.9887	169.87
30	BL-30	449117.8420	2009246.7732	172.52
31	BL-31	449338.2245	2009605.8577	174.10
32	BL-32	449631.3771	2010061.4333	169.21
93	U3422-3	449809.5570	2010420.2730	157.48
94	U3422-4	449774.1320	2011442.0220	118.74

BY1

POINT	DESC.	NORTH	EAST	ELEVATION
33	BY1-33	445988.1622	1997584.8916	180.54
34	BY1-34	445553.9213	1997471.0105	179.95
A7	BL-7	445229.0488	1997646.5348	183.42
35	BY1-35	444927.6376	1997569.6607	183.55
36	BY1-36	444552.0563	1997583.7755	182.03

BY2

POINT	DESC.	NORTH	EAST	ELEVATION
37	BY2-37	447241.0203	2000840.7926	183.35
38	BY2-38	447135.2300	2001485.1012	181.60
39	BY2-39	447034.0319	2002088.9173	184.78
40	BY2-40	446937.9461	2002677.9668	185.29
41	BY2-41	446865.4095	2003136.9607	183.24
42	BY2-42	446766.9040	2003759.3236	178.70
A18	BL-18	446611.8066	2004161.4121	175.09
43	BY2-43	446572.1028	2004571.6821	171.69
44	BY2-44	446499.3229	2005064.8707	170.68
45	BY2-45	446414.6803	2005553.7870	172.71
46	BY2-46	446335.4847	2006078.6906	173.97
47	BY2-47	446251.0001	2006573.4417	173.86
48	BY2-48	446167.3462	2007072.5563	174.40
49	BY2-49	446086.8140	2007568.1186	173.53

BY3

POINT	DESC.	NORTH	EAST	ELEVATION
A25		447879.7518	2007196.9958	171.45
50	BY3-50	447642.5941	2007235.0911	169.98
51	BY3-51	447357.0267	2007452.9855	171.74
52	BY3-52	446895.7653	2007656.2333	174.24
53	BY3-53	446367.0976	2007462.8181	176.65

201 ELEVATION = 179.85
N 444262 E 1994458
TBM1 CHISELED "X" ON BONNET BOLT OF FIRE HYDRANT

202 ELEVATION = 185.33
N 444894 E 1996410
TBM2 CHISELED "X" ON BONNET BOLT OF FIRE HYDRANT

203 ELEVATION = 180.50
N 445626 E 1998630
TBM3 CHISELED "X" ON BONNET BOLT OF FIRE HYDRANT

204 ELEVATION = 185.32
N 446023 E 2000842
TBM4 CHISELED "X" ON BONNET BOLT OF FIRE HYDRANT

205 ELEVATION = 187.13
N 446298 E 2002690
TBM5 CHISELED "X" ON BONNET BOLT OF FIRE HYDRANT

206 ELEVATION = 177.41
N 446842 E 2004492
TBM6 CHISELED "X" ON BONNET BOLT OF FIRE HYDRANT

207 ELEVATION = 174.35
N 447585 E 2006317
TBM7 CHISELED "X" ON BONNET BOLT OF FIRE HYDRANT

208 ELEVATION = 172.61
N 448270 E 2008084
TBM8 CHISELED SQUARE ON CONCRETE BASE
OF LIGHT POLE

209 ELEVATION = 178.23
N 449234 E 2009542
TBM9 CHISELED "X" ON BONNET BOLT OF FIRE HYDRANT

210 ELEVATION = 185.28
N 447237 E 2000917
TBM10 CHISELED "X" ON BONNET BOLT OF FIRE HYDRANT

211 ELEVATION = 175.68
N 446077 E 2007582
TBM11 CHISELED "X" ON BONNET BOLT OF FIRE HYDRANT

15695 ELEVATION = 176.24
N 446965 E 2007571
TBM12 CHISELED "X" ON BONNET BOLT OF FIRE HYDRANT

10271 ELEVATION = 143.26
N 449434 E 2007563
TBM13 RR SPIKE IN 24" PINE

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.

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kkaiser
ALIGN_ALL

6/2/99

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW02C-7

Location and Surveys

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

SURVEY CONTROL SHEET U-3422

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	444540.469	1995421.819							
LINE			N 71°53'19.2" E	2778.03					
PC	445404.060	1998062.209							
CURVE			N 71°56'31.7" E	28.00	00°06'25.0"(RT)	00°22'55.1"	28.00	14.00	15000.00
PT	445412.737	1998088.825							
LINE			N 71°59'44.2" E	1620.41					
PC	445913.589	1999629.884							
CURVE			N 74°38'26.0" E	155.35	05°17'23.7"(RT)	03°24'14.1"	155.41	77.76	1683.23
PCC	445954.737	1999779.687							
CURVE			N 81°34'57.7" E	149.86	08°35'39.7"(RT)	05°43'46.5"	150.00	75.14	1000.00
PCC	445976.674	1999927.933							
CURVE			N 87°26'33.0" E	119.99	03°07'30.8"(RT)	02°36'15.7"	120.00	60.01	2200.00
PCC	445982.028	2000047.798							
CURVE			N 89°19'12.8" E	220.00	00°37'48.9"(RT)	00°17'11.3"	220.00	110.00	20000.00
PT	445984.638	2000267.782							
LINE			N 89°38'07.3" E	357.73					
PC	445986.915	2000625.507							
CURVE			N 89°28'43.7" E	38.25	00°18'47.2"(LT)	00°49'06.6"	38.25	19.13	7000.00
PT	445987.263	2000663.759							
LINE			N 89°19'20.1" E	606.79					
PC	445994.440	2001270.508							
CURVE			N 87°47'01.3" E	199.98	03°04'37.6"(LT)	01°32'18.8"	200.00	100.02	3724.00
PCC	446002.174	2001470.334							
CURVE			N 85°05'57.2" E	40.00	02°17'30.6"(LT)	05°43'46.5"	40.00	20.00	1000.00
PCC	446005.591	2001510.185							
CURVE			N 81°59'48.7" E	139.97	03°54'46.4"(LT)	02°47'41.7"	140.00	70.03	2050.00
PCC	446025.079	2001648.795							
CURVE			N 79°12'25.3" E	120.00	01°40'00.4"(LT)	01°23'20.4"	120.00	60.00	4125.00
PCC	446047.549	2001766.668							
CURVE			N 77°23'23.5" E	256.78	01°58'03.3"(LT)	00°45'58.3"	256.80	128.41	7477.93
PT	446103.609	2002017.258							
LINE			N 76°24'21.9" E	426.99					
PC	446203.968	2002432.286							
CURVE			N 76°14'21.4" E	34.93	00°20'01.0"(LT)	00°57'17.7"	34.93	17.47	6000.00
PT	446212.278	2002466.217							
LINE			N 76°04'20.9" E	1450.38					
PC	446561.376	2003873.955							
CURVE			N 71°51'18.5" E	136.05	08°26'04.8"(LT)	06°11'38.9"	136.17	68.21	925.00
PT	446603.744	2004003.239							
LINE			N 67°38'16.1" E	1026.03					
PC	446994.106	2004952.105							
CURVE			N 67°36'23.3" E	21.88	00°03'45.7"(LT)	00°17'11.3"	21.88	10.94	20000.00
PT	447002.442	2004972.335							
LINE			N 67°34'30.5" E	524.58					
PC	447202.553	2005457.245							
CURVE			N 67°40'21.5" E	34.03	00°11'42.0"(RT)	00°34'22.6"	34.03	17.02	10000.00
PT	447215.483	2005488.727							
LINE			N 67°46'12.5" E	1747.11					
PC	447876.455	2007105.981							
CURVE			N 67°26'43.4" E	34.01	00°38'58.2"(LT)	01°54'35.5"	34.01	17.00	3000.00
PT	447889.499	2007137.387							
LINE			N 67°07'14.3" E	139.00					
PC	447943.540	2007265.447							
CURVE			N 63°38'39.3" E	269.83	06°57'09.9"(LT)	02°34'30.3"	270.00	135.17	2225.00
PT	448063.331	2007507.234							
LINE			N 60°10'04.4" E	76.48					
PC	448101.377	2007573.579							
CURVE			N 59°33'23.0" E	85.38	01°13'22.8"(LT)	01°25'56.6"	85.38	42.69	4000.00
PT	448144.638	2007647.188							
LINE			N 58°56'41.6" E	302.98					
PC	448300.936	2007906.745							
CURVE			N 59°07'31.6" E	25.21	00°21'40.0"(RT)	01°25'56.6"	25.21	12.61	4000.00
PT	448313.873	2007928.384							
LINE			N 59°18'21.6" E	1074.67					
PNC	448862.440	2008852.496							
LINE			N 59°17'01.1" E	1612.69					
PC	449686.184	2010238.939							
CURVE			N 64°29'34.7" E	192.94	10°25'07.0"(RT)	05°23'32.9"	193.21	96.87	1062.52
PT	449686.184	2010238.939							

EY1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	445973.203	1997602.884							
LINE			S 16°57'09.2" W	317.43					
PC	445669.569	1997510.329							
CURVE			S 00°32'39.9" E	180.39	34°59'38.2"(LT)	19°05'54.9"	183.23	94.57	300.00
PT	445489.184	1997512.043							
LINE			S 18°02'29.0" E	195.10					
PC	445303.672	1997572.468							
CURVE			S 09°22'18.3" E	150.74	17°20'21.4"(RT)	11°27'33.0"	151.31	76.24	500.00
PT	445154.947	1997597.014							
LINE			S 00°42'07.6" E	245.67					
PC	444909.298	1997600.024							
CURVE			S 00°58'12.4" E	280.67	00°32'09.7"(LT)	00°11'27.5"	280.67	140.34	30000.00
PT	444628.671	1997604.776							
LINE			S 01°14'17.3" E	123.71					
POT	444504.987	1997607.449							

EY2

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	447244.378	2000711.004							
LINE			S 80°40'30.7" E	138.77					
PC	447221.892	2000847.942							
CURVE			S 80°35'50.0" E	27.22	00°09'21.4"(RT)	00°34'22.6"	27.22	13.61	10000.00
PT	447217.446	2000874.795							
LINE			S 80°31'09.3" E	2247.01					
PC	446847.327	2003091.110							
CURVE			S 80°35'16.4" E	23.96	00°08'14.3"(LT)	00°34'22.6"	23.96	11.98	10000.00
PT	446843.408	2003114.752							
LINE			S 80°39'23.6" E	1381.23					
PC	446619.162	2004477.661							
CURVE			S 80°31'39.0" E	22.53	00°15'29.2"(RT)	01°08'45.3"	22.53	11.26	5000.00
PT	446615.455	2004499.879							
LINE			S 80°23'54.4" E	384.89					
PC	446551.257	2004879.374							
CURVE			S 80°31'16.7" E	21.45	00°14'44.7"(LT)	01°08'45.3"	21.45	10.72	5000.00
PT	446547.726	2004900.528							
LINE			S 80°38'39.1" E	1068.78					
PC	446373.980	2005955.089							
CURVE			S 80°25'11.9" E	39.14	00°26'54.5"(RT)	01°08'45.3"	39.14	19.57	5000.00
PT	446367.467	2005993.679							
LINE			S 80°11'44.6" E	387.72					
PC	446301.445	2006375.735							
CURVE			S 80°24'16.2" E	109.30	00°25'03.0"(LT)	00°22'55.1"	109.30	54.65	15000.00
PT	446283.225	2006483.510							
LINE			S 80°36'47.7" E	1148.10					
POT	446095.972	2007616.240							

EY3

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	447893.123	2007145.975							
LINE			S 22°14'05.6" E	112.20					
PC	447789.264	2007188.433							
CURVE			S 26°27'36.5" E	147.36	08°27'01.9"(LT)	05°43'46.5"	147.49	73.88	1000.00
PT	447657.345	2007254.091							
LINE			S 30°41'07.5" E	694.58					
PC	447060.015	2007608.554							
CURVE			S 08°07'34.0" E	184.44	45°07'07.0"(RT)	23°50'07.8"	189.29	99.86	240.38
PT	446877.429	2007634.625							
LINE			S 14°25'59.5" W	541.48					
PC	446353.042	2007499.661							
CURVE			S 42°02'45.0" W	69.52	55°13'30.9"(RT)	76°23'39.7"	72.29	39.23	75.00
PT	446301.413	2007453.100							

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.

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PROPOSED ALIGNMENT CONTROL SHEET

D1

TYPE	STATION	NORTH	EAST
POT	10+00.00	446707.6340	2003512.5039
PC	10+70.98	446757.4957	2003563.0224
PT	11+12.27	446769.6214	2003600.9205
POT	13+50.00	446731.8566	2003835.6317

D2

TYPE	STATION	NORTH	EAST
POT	10+00.00	446446.9493	2004598.2478
PC	10+53.74	446500.5161	2004602.6198
PT	11+95.67	446631.3671	2004652.5050
POT	12+00.00	446634.8248	2004655.1173

L

TYPE	STATION	NORTH	EAST
POT	9+24.80	442960.5071	1992872.2943
TS	16+73.12	443522.6548	1993366.2352
SC	19+73.12	443742.3956	1993570.3408
CS	26+63.20	444116.2153	1994145.4285
ST	29+13.20	444199.5034	1994381.0906
PC	31+83.44	444283.6657	1994637.8929
PRC	34+99.76	444386.9153	1994936.8733
PT	38+22.06	444492.0266	1995241.5397
PC	84+01.81	445915.7056	1999594.3756
PT	88+58.22	445989.9193	2000042.9294
PC	101+00.28	446004.6112	2001284.9103
PT	107+76.57	446088.4435	2001954.5416
PC	114+82.88	446254.4541	2002641.0658
PT	120+78.18	446402.9604	2003217.5123
PC	126+63.17	446557.3173	2003781.7730
PT	132+67.97	446751.7529	2004354.0830
PC	162+65.19	447885.6697	2007128.5264
PT	167+09.54	448083.5705	2007525.9211
PC	197+16.22	449619.3483	2010110.7852
PCC	201+10.56	449782.1767	2010469.0682
PT	205+21.41	449827.6114	2010874.4996
POT	209+19.99	449790.2686	2011271.3284

Y1

TYPE	STATION	NORTH	EAST
POT	17+57.10	445259.1450	1997586.9705
PC	19+93.80	445484.2111	1997513.6637
PT	21+89.88	445677.2279	1997512.0218
POT	24+99.49	445973.2022	1997602.8851

Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	444804.9280	1997601.3258
PC	12+18.89	445023.7792	1997597.3532
PT	14+05.97	445210.3952	1997585.2211
POT	14+52.73	445256.8681	1997580.0089

Y3

TYPE	STATION	NORTH	EAST
POT	10+00.00	447244.3779	2000711.0039
PC	36+34.91	446811.2772	2003310.0735
PT	40+61.90	446540.3257	2003610.1449
POT	40+90.80	446512.4532	2003617.7696

Y4

TYPE	STATION	NORTH	EAST
PC	10+00.00	445912.7284	2003614.0325
PT	11+14.00	446026.4832	2003619.6401
POT	15+99.97	446512.4440	2003617.7361

Y5

TYPE	STATION	NORTH	EAST
POT	10+00.00	446806.9178	2004489.0594
PC	11+65.60	446684.5267	2004600.6137
PT	14+32.78	446559.3283	2004831.0413
POT	48+00.00	446010.4732	2008153.2242

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

2. THE PROPOSED ALIGNMENT CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
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Professional Land Surveyor L-3259

REVISIONS

6/2/99

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RIGHT OF WAY CONTROL SHEET

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
D1	11+41.54	36.23	446729.2052	2003624.0637

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	33+02.52	-58.00	444376.3208	1994732.1100
L	34+99.76	-58.00	444441.4320	1994917.0761
L	35+04.85	-47.96	444433.7409	1994925.3083
L	35+06.34	-58.00	444443.6872	1994923.2928
L	35+57.15	-45.00	444448.7336	1994975.7538
L	38+22.06	-45.00	444534.7970	1995227.5508
L	40+86.03	45.00	444531.3145	1995506.4184
L	46+98.31	50.00	444716.8970	1996089.9128
L	47+90.00	58.00	444737.7972	1996179.5490
L	51+77.00	-45.00	444955.9985	1996515.3558
L	51+98.71	58.00	444864.8505	1996568.0090
L	52+02.00	-76.97	444994.1578	1996529.1783
L	53+02.00	-79.30	445027.4609	1996623.4987
L	53+22.00	-51.75	445007.4894	1996651.0733
L	57+20.00	50.00	445034.5047	1997060.9846
L	57+45.00	-58.00	445144.9254	1997051.1726
L	57+45.00	-51.75	445138.9851	1997053.1155
L	58+25.00	58.00	445059.5419	1997163.2692
L	58+79.00	-58.00	445186.5812	1997178.5334
L	60+28.00	-45.00	445220.5441	1997324.1924
PAINT DOT ON CONC — L	60+92.00	-45.00	445240.4395	1997385.0214
L	62+00.62	58.00	445176.3102	1997520.2831
L	62+15.00	-55.00	445288.1803	1997498.8187
L	63+66.00	-58.00	445337.9722	1997641.4047
L	67+45.00	-58.00	445455.7898	1998001.6268
L	68+95.00	-45.00	445490.0636	1998148.2362
L	76+05.03	51.62	445618.9537	1998853.1205
L	78+30.00	54.00	445686.6268	1999067.6865
L	78+40.00	45.00	445698.2896	1999074.3933
L	84+01.81	-45.00	445958.4761	1999580.3867
L	85+10.00	45.00	445901.9356	1999709.2023
L	86+90.00	57.00	445921.9494	1999882.2367
L	88+15.00	57.00	445931.8327	2000002.0450
L	88+58.22	-45.00	446034.9161	2000042.3971
L	89+24.00	61.00	445929.7017	2000109.4297
L	90+20.00	45.00	445946.8361	2000205.2337
L	95+32.00	-45.00	446042.8860	2000716.1333
L	95+65.00	-77.39	446075.6647	2000748.7479
L	96+25.00	-75.98	446074.9613	2000808.7604
L	96+60.00	-45.00	446044.4001	2000844.1244
L	101+00.28	45.00	445959.6143	2001285.4426
L	101+00.28	-45.00	446049.6080	2001284.3780
L	107+10.00	47.00	446027.5980	2001899.6948
L	107+10.00	45.00	446029.5520	2001899.2679
PAINTED DOT ON CONC — L	107+76.57	-45.00	446132.1829	2001943.9649
L	109+56.24	47.00	446084.9882	2002140.2194
L	110+21.19	45.00	446102.1988	2002202.8831
L	114+82.88	45.00	446210.7147	2002651.6426
L	114+82.88	-45.00	446298.1935	2002630.4890
L	118+96.36	45.00	446312.2721	2003053.4009
L	120+46.36	58.00	446338.6205	2003202.0302
L	120+78.18	58.00	446347.0159	2003232.8162
L	120+78.18	-45.00	446446.3656	2003205.6385
L	123+11.63	-45.00	446507.9640	2003430.8151
PK NAIL SET IN ASPHALT PARKING LOT — L	123+85.00	58.00	446427.9751	2003528.7672
L	125+28.00	65.62	446458.3607	2003668.7091
L	126+42.00	-70.00	446619.2512	2003742.8850
L	126+63.17	-70.00	446624.8365	2003763.3027
PK NAIL SET IN ASPHALT — L	128+51.03	-70.00	446677.0565	2003941.0095
L	128+64.62	70.00	446547.6527	2003996.1403
L	129+92.19	-70.00	446720.6673	2004073.1793
L	130+25.00	-70.00	446731.3374	2004103.7207
NOT SET, FELL IN ELECTRIC JUNCTION BOX — L	130+92.16	70.00	446622.4244	2004214.3876
L	131+75.00	-58.00	446771.4688	2004246.7573
PK NAIL SET IN ASPHALT — L	132+55.43	70.00	446682.1592	2004368.7874
L	132+67.97	-58.00	446805.4419	2004332.1402
PK NAIL SET IN ASPHALT — L	132+94.62	100.04	446669.2248	2004416.5980
PK NAIL SET IN ASPHALT — L	132+97.24	95.79	446674.1584	2004417.4099
L	135+70.00	55.00	446815.1046	2004654.4688
L	137+10.00	45.00	446877.3266	2004780.2799
L	139+89.22	-58.00	447078.3064	2004999.7791
L	141+39.74	-45.00	447123.2179	2005144.0297
L	156+45.00	-45.00	447692.6929	2006537.4090
L	156+82.41	-90.28	447748.7647	2006554.9088
L	157+62.41	-93.06	447781.5990	2006627.9155
L	157+86.00	-58.00	447758.0702	2006663.0108
L	157+90.00	45.00	447664.2392	2006705.6808
L	159+40.00	58.00	447708.9539	2006849.4500
L	162+21.00	58.00	447815.2628	2007109.5643
L	162+59.17	87.25	447802.6270	2007155.9622
L	162+87.00	-58.00	447947.5226	2007126.3533
L	163+08.00	81.98	447826.7079	2007200.1345
L	163+12.00	-45.00	447945.1012	2007154.0455
L	163+48.00	45.00	447876.8833	2007222.9077
L	165+52.70	45.00	447967.1830	2007409.9834

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	167+09.54	-45.00	448122.2573	2007502.9356
L	167+58.04	50.45	448064.9703	2007593.3920
L	168+45.00	58.00	448102.8987	2007672.0022
L	172+53.00	58.00	448311.3003	2008022.7625
L	172+83.00	92.45	448297.0065	2008066.1506
L	173+33.00	92.34	448322.6411	2008109.0794
L	173+70.00	45.00	448382.2387	2008116.7079
L	176+60.00	-45.00	448607.7409	2008320.0518
L	176+76.21	-55.00	448624.6202	2008328.8838
L	177+36.21	-55.00	448655.2675	2008380.4662
L	177+65.00	-45.00	448661.3736	2008410.3210
L	178+55.00	45.00	448629.9710	2008533.6656
L	178+65.38	60.00	448622.3797	2008550.2551
L	181+90.00	45.00	448801.0851	2008821.6673
L	182+14.28	55.00	448804.8886	2008847.6466
L	182+19.36	-45.00	448893.4566	2008800.9394
L	182+74.27	55.00	448835.5299	2008899.2190
L	182+84.72	-62.33	448941.7382	2008848.2745
L	182+85.00	45.00	448849.6099	2008903.3394
L	183+00.00	-45.00	448934.6453	2008870.2640
L	185+87.59	45.00	449004.1714	2009163.4814
L	186+47.59	45.00	449034.8191	2009215.0645
L	189+76.00	45.00	449202.5646	2009497.3966
L	192+00.00	-45.00	449394.3548	2009643.9999
L	192+00.00	-59.00	449406.3907	2009636.8489
L	193+19.00	58.00	449366.5888	2009798.9162
L	194+28.00	58.00	449422.2655	2009892.6255
L	195+25.00	70.00	449461.4947	2009982.1452
PK NAIL SET IN ASPHALT — L	197+16.22	-58.00	449669.2113	2010081.1595
L	197+16.22	70.00	449559.1689	2010146.5404
L	197+30.92	70.00	449566.3349	2010158.7145
L	200+69.43	-58.00	449823.5937	2010410.8083

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	18+85.00	-40.00	445368.3688	1997509.3267
Y1	19+07.98	30.00	445411.8948	1997568.7687
Y1	19+93.80	-40.00	445471.8231	1997475.6303
Y1	21+10.00	-40.00	445600.6734	1997458.3495
Y1	21+79.69	-29.53	445675.2018	1997480.6998

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	12+04.00	31.43	445009.4649	1997629.0486
Y2	12+04.00	40.00	445009.6204	1997637.6168

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	20+40.00	-30.05	447103.0741	2001741.7978
Y3	20+40.00	-45.00	447117.8207	2001744.2552
Y3	20+40.00	39.95	447034.0262	2001730.2919
Y3	20+40.00	45.00	447029.0448	2001729.4618
Y3	30+01.04	-45.00	446959.8550	2002692.2190
Y3	30+78.09	-45.00	446947.1888	2002768.2299
Y3	34+60.69	-45.00	446884.3006	2003145.6268
Y3	34+63.72	45.00	446795.0269	2003133.8211
Y3	35+34.24	-50.00	446877.1434	2003218.9967
Y3	36+34.91	65.00	446747.1613	2003299.3894
Y3	36+34.91	-50.00	446860.5972	2003318.2920
PK NAIL SET IN ASPHALT — Y3	37+49.66	-50.00	446820.0765	2003441.3394
Y3	37+94.79	65.00	446698.7169	2003421.2830
Y3	38+52.09	114.75	446632.8097	2003424.7375
Y3	39+60.18	-65.74	446667.3259	2003626.8487

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

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 06FEB2023 TO 19JUN2023.

REVISIONS 6/2/99

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RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ROW MARKER IRON PIN AND CAP-E

	ALIGN	STATION	OFFSET	NORTH	EAST
PK NAIL SET IN ASPHALT	Y4	13+10.00	41.75	446222.6426	2003660.6219
PK NAIL SET IN ASPHALT	Y4	14+10.00	-39.36	446322.3241	2003579.1193
PK NAIL SET IN ASPHALT	Y4	14+87.00	-55.00	446399.2622	2003563.1791
PK NAIL SET IN ASPHALT	Y4	15+20.00	41.75	446432.6410	2003659.7991
	Y4	16+00.00	25.00	445910.0124	2003630.4479

ROW MARKER IRON PIN AND CAP-E

	ALIGN	STATION	OFFSET	NORTH	EAST
PK NAIL SET IN CONC	Y5	11+65.60	-75.00	446735.0490	2004656.0438
	Y5	11+73.95	50.00	446643.9725	2004570.0570
	Y5	13+43.83	50.00	446537.1079	2004726.7753
	Y5	14+32.78	-75.00	446633.3253	2004843.2663
	Y5	14+32.78	50.00	446509.9970	2004822.8913
	Y5	14+90.00	-75.00	446623.9991	2004899.7167
	Y5	14+99.86	47.00	446502.0276	2004889.5609
	Y5	15+59.90	45.00	446494.2099	2004949.1248
	Y5	17+90.00	-45.00	446545.5005	2005190.8145
	Y5	20+61.11	45.00	446412.5131	2005443.6298
	Y5	21+65.91	45.00	446395.4313	2005547.0248
	Y5	34+20.00	45.00	446191.0146	2006784.3451
	Y5	34+34.95	59.00	446174.7652	2006796.8130
	Y5	34+94.96	65.73	446158.3471	2006854.9275
	Y5	35+15.00	45.00	446175.5296	2006878.0746
	Y5	38+10.00	45.00	446127.4447	2007169.1293
	Y5	38+26.17	69.00	446101.1294	2007181.1749
	Y5	38+86.18	65.00	446095.2952	2007241.0287
	Y5	39+00.00	45.00	446112.7748	2007257.9257
	Y5	43+00.00	45.00	446047.5749	2007652.5761
	Y5	43+00.00	43.48	446049.0706	2007652.8207
	Y5	43+50.00	-26.29	446109.7583	2007713.5272
	Y5	43+50.00	-45.00	446128.2213	2007716.5774

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

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 06FEB2023 TO 19JUN2023 .

REVISIONS

19-JUN-2023 14:54
J:\U3422_2017\1705E_NCDOT_U3422_RW Staking_Cumberland\SURVEY\DGN\WORK\RW\RW SERIES SHEETS\u3422_ls_rw03e-2.dgn
jmatthews AT JKA-042

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CONTROL ACCESS MARKER CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

CONTROL ACCESS MARKER CONCRETE-E

	ALIGN	STATION	OFFSET	NORTH	EAST
	L	36+84.58	62.97	444388.8111	1995131.5610
AT EXISTING R/W MON	L	36+85.60	53.96	444397.6633	1995129.6015
	L	37+19.00	89.00	444375.1827	1995172.2865
AT EXISTING R/W MON	L	37+49.00	90.00	444383.7260	1995200.7816
	L	38+64.00	45.00	444462.2926	1995295.3871
	L	65+28.99	50.00	445285.9907	1997829.8917
	L	81+20.00	-45.00	445870.8725	1999312.5427
	L	82+25.00	-63.00	445920.6214	1999406.7448
DID NOT SET, UNDER DEAD TREE	L	82+52.00	-63.00	445929.0148	1999432.4071
	L	82+75.00	-45.00	445919.0565	1999459.8631
	L	82+80.00	45.00	445835.0699	1999492.5932
	L	83+02.00	64.00	445823.8503	1999519.4096
	L	83+25.00	64.00	445831.0002	1999541.2700
	L	84+00.00	45.00	445872.3736	1999606.6477
	L	99+05.00	45.00	445957.3044	2001090.1718
	L	99+25.00	84.00	445918.5437	2001110.6317
	L	99+65.00	84.00	445919.0168	2001150.6289
	L	100+76.14	45.00	445959.3287	2001261.2999
	L	108+40.00	-45.00	446147.0904	2002005.6141
	L	109+31.00	-62.00	446185.0028	2002090.0691
	L	109+58.00	-65.00	446194.2648	2002115.6076
	L	109+83.00	-45.00	446180.7010	2002144.6080
	L	144+92.00	-45.00	447256.4861	2005470.1075
	L	146+00.00	-64.00	447314.9328	2005562.8921
	L	146+15.00	-64.00	447320.6076	2005576.7772
	L	146+40.00	-45.00	447312.4779	2005607.1072
	L	148+44.00	45.00	447306.3453	2005829.9937
	L	148+68.00	65.00	447296.9116	2005859.7763
	L	148+93.00	65.00	447306.3696	2005882.9181
	L	149+68.00	45.00	447353.2574	2005944.7772
	L	171+15.00	-45.00	448329.3613	2007851.5118
NOT SET, FELL IN PECAN TREE	L	172+28.00	-91.00	448426.6268	2007925.1624
	L	172+82.00	-91.00	448454.2094	2007971.5865
	L	173+04.00	-45.00	448425.9002	2008013.9963
	L	179+25.51	45.00	448665.9885	2008594.2866
	L	180+21.52	45.00	448715.0273	2008676.8237
	L	189+79.84	-45.00	449281.9011	2009454.7294
	L	189+95.00	-83.00	449322.3107	2009448.3480
	L	189+95.00	-54.50	449297.8085	2009462.9058
NOT SET, FELL IN 1SBKBUS	L	190+94.00	-83.00	449372.8801	2009533.4611
NOT SET, FELL IN 1SBKBUS	L	191+20.00	-83.00	449386.1606	2009555.8135
PK NAIL SET IN ASPHALT	L	191+53.00	-45.00	449370.3477	2009603.5937

CONTROL ACCESS MARKER CONCRETE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	13+57.50	45.00	445166.1016	1997634.8669

CONTROL ACCESS MARKER CONCRETE-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	25+61.00	45.00	446943.4079	2002243.3756
Y3	25+89.00	86.00	446898.3632	2002264.2555
Y3	26+29.00	90.00	446887.8427	2002303.0540
Y3	27+89.00	45.00	446905.9314	2002468.2745

CONTROL ACCESS MARKER CONCRETE-E

	ALIGN	STATION	OFFSET	NORTH	EAST
	Y5	19+15.00	-45.00	446525.1255	2005314.1428
	Y5	20+30.00	-85.00	446545.8456	2005434.1248
	Y5	20+68.00	-76.00	446530.7720	2005470.1496
PAINT DOT ON ASPHALT	Y5	21+00.00	-45.00	446494.9706	2005496.6686

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3. RIGHT OF WAY MONUMENTATION ESTABLISHED 06FEB2023 TO 19JUN2023 .

REVISIONS

6/2/99

19-JUN-2023 14:56
C:\Users\mathews\Desktop\U-3422_RW_Staking_Cumberland_NCDOT_U3422_RW Staking_Cumberland\SURVEY\DGN\WORK\RW\RW SERIES SHEETS\u3422_ls_rw03e-3.dgn
mathews AT JKA-042

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PERMANENT EASEMENT CONTROL SHEET

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST	
D2	10+57.00	29.80	446500.9495	2004632.5723	
D2	10+57.00	39.00	446500.0821	2004641.7319	PAINTED DOT ON CONC
D2	10+75.00	39.00	446515.1525	2004643.7064	DID NOT SET. FELL UNDER CARPORT
D2	10+82.00	-32.10	446534.6784	2004574.9995	
D2	10+82.00	-61.00	446540.2510	2004546.6420	
D2	11+03.00	-67.24	446567.3353	2004546.7444	

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST	
L	34+42.00	70.00	444301.4237	1994906.0373	
L	34+47.00	59.50	444313.0028	1994907.2480	
L	34+61.00	78.00	444300.3374	1994926.7540	
L	34+70.00	59.05	444321.2369	1994928.8742	
L	35+03.00	-77.94	444461.2908	1994913.3373	
L	35+12.00	-92.00	444477.5990	1994917.0832	
L	35+40.00	-65.22	444461.9700	1994952.7070	
L	35+40.00	-76.00	444472.1135	1994949.0696	
L	36+10.00	65.00	444362.6342	1995062.2086	
L	36+10.00	56.24	444370.8999	1995059.3097	
L	36+88.00	65.57	444387.4530	1995135.6194	
L	38+10.86	66.00	444425.8317	1995251.4829	
L	38+47.00	-67.00	444563.4588	1995244.4126	
L	38+47.00	-45.00	444542.5488	1995251.2516	
L	38+77.00	-67.00	444572.7848	1995272.9262	
L	38+77.00	-45.00	444551.8748	1995279.7652	
L	39+40.00	-45.00	444571.4592	1995339.6439	
L	39+40.00	-67.00	444592.3692	1995332.8048	
L	39+70.00	-45.00	444580.7852	1995368.1575	
L	39+70.00	-67.00	444601.6952	1995361.3185	
L	40+07.00	-64.00	444610.3458	1995397.4179	
L	40+07.00	-45.00	444592.2871	1995403.3243	
L	40+17.00	45.00	444509.8549	1995440.8066	
L	40+17.00	66.45	444489.4659	1995447.4752	
L	40+37.00	-45.00	444601.6131	1995431.8379	PAINTED DOT ON CONC DRIVE
L	40+37.00	-64.00	444619.6717	1995425.9315	
L	40+45.00	45.00	444518.5591	1995467.4194	
L	40+45.00	66.57	444498.0542	1995474.1259	
L	42+42.00	-59.00	444678.6466	1995622.3289	PAINTED DOT ON CONC
L	42+55.00	-45.00	444669.3815	1995639.0370	
L	42+57.00	-68.00	444691.8637	1995633.7880	
L	42+78.00	-45.00	444676.5314	1995660.8974	
L	45+85.00	-69.00	444794.7777	1995945.2261	
L	45+85.00	-45.00	444771.9668	1995952.6869	
L	46+02.00	69.00	444668.8997	1996004.2831	
L	46+25.00	-45.00	444784.4014	1995990.7050	
L	46+25.00	-69.00	444807.2123	1995983.2443	
L	48+09.00	74.00	444728.4963	1996202.5815	
L	48+09.00	79.00	444723.7441	1996204.1358	
L	48+30.00	79.00	444730.2722	1996224.0953	
L	48+30.00	74.00	444735.0245	1996222.5410	
L	50+25.00	-45.00	444908.7471	1996370.8867	
L	50+25.00	-70.00	444932.5085	1996363.1151	
L	50+50.00	-70.00	444940.2801	1996386.8765	
L	50+91.00	-45.00	444929.2642	1996433.6167	
L	50+91.00	-64.00	444947.3228	1996427.7103	
L	51+71.00	-66.00	444974.0929	1996503.1249	
L	51+71.00	-45.00	444954.1333	1996509.6531	
L	51+72.00	80.00	444835.6374	1996549.4616	ON STEPS OF IN GROUND POOL
L	51+72.00	58.00	444856.5474	1996542.6226	
L	51+72.00	74.00	444841.3401	1996547.5964	PAINT DOT
L	51+93.42	-66.00	444981.0627	1996524.4348	
L	51+98.00	81.00	444842.7694	1996574.4842	
L	51+98.22	74.00	444849.4898	1996572.5135	
L	52+14.83	74.00	444854.6536	1996588.3019	
L	52+93.89	73.00	444880.1810	1996663.1337	
L	57+31.00	-77.00	445158.6319	1997031.9598	PK NAIL SET
L	57+31.00	-51.75	445134.6330	1997039.8091	
L	57+40.00	72.00	445019.8120	1997086.8327	
L	57+53.00	-58.00	445147.4123	1997058.7762	
L	57+53.00	-77.00	445165.4710	1997052.8698	
L	58+28.00	82.00	445037.6636	1997173.5813	
L	58+28.00	76.00	445043.3663	1997171.7161	
L	58+48.00	77.00	445048.6331	1997191.0361	
L	58+48.00	82.00	445043.8808	1997192.5904	
L	60+10.00	-59.00	445228.2549	1997302.7321	
L	60+10.00	-46.55	445216.4214	1997306.6025	
L	60+36.00	-45.00	445223.0310	1997331.7960	
L	60+36.00	-59.00	445236.3374	1997327.4439	
L	61+33.00	-48.33	445256.3531	1997422.9539	
L	61+33.00	-62.00	445269.3426	1997418.7054	PAINT DOT ON CONC
L	61+37.51	77.00	445138.6301	1997466.1979	
L	61+52.00	-68.00	445280.9518	1997434.8988	
L	61+58.00	-50.37	445266.0565	1997446.0834	
L	64+61.61	66.14	445249.7066	1997770.8680	
L	64+61.61	75.00	445241.2837	1997773.6229	
L	65+29.00	75.00	445262.2327	1997837.6737	
L	65+86.00	58.98	445295.1782	1997886.8695	
L	65+86.00	75.00	445279.9520	1997891.8496	
L	65+86.00	-77.00	445424.4210	1997844.5982	

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST	
L	65+86.00	-58.00	445406.3624	1997850.5046	
L	66+13.00	58.79	445303.7563	1997912.4714	
L	66+13.00	75.00	445288.3453	1997917.5118	
L	66+13.00	-58.00	445414.7557	1997876.1669	
L	66+13.00	-77.00	445432.8144	1997870.2605	
L	67+28.00	57.95	445340.2953	1998021.5154	
L	67+28.00	75.00	445324.0947	1998026.8141	
L	67+55.00	57.76	445348.8740	1998047.1170	
L	67+55.00	75.00	445332.4881	1998052.4764	
L	68+84.00	56.83	445389.8613	1998169.4359	
L	68+84.00	75.00	445372.5896	1998175.0850	
L	68+86.00	-45.78	445488.0072	1998139.4397	
L	68+86.00	-68.00	445509.1262	1998132.5323	
L	69+13.00	-45.00	445495.6591	1998165.3444	
L	69+13.00	-68.00	445517.5196	1998158.1945	
L	69+15.00	75.00	445382.2264	1998204.5490	
L	69+15.00	56.60	445399.7109	1998198.8304	
L	69+15.00	78.00	445379.3750	1998205.4816	
L	69+35.00	70.00	445393.1959	1998222.0038	
L	69+35.00	78.00	445385.5923	1998224.4907	
L	69+75.00	56.17	445418.7747	1998255.7229	
L	71+28.00	-45.00	445562.4987	1998369.6909	
L	71+28.00	-68.00	445584.3554	1998362.5422	FELL INSIDE PINE TREE
L	71+53.00	-68.00	445592.1270	1998386.3035	
L	71+53.00	-45.00	445570.2666	1998393.4534	
L	71+85.00	-45.00	445580.2143	1998423.8680	
L	72+10.00	54.43	445493.4826	1998478.5385	
L	72+10.00	61.00	445487.2377	1998480.5809	
L	72+31.00	-68.00	445616.3745	1998460.4390	
L	72+40.00	54.26	445502.9733	1998506.9982	
L	72+40.00	61.00	445496.5637	1998509.0946	
L	72+52.00	-65.00	445620.0513	1998481.3311	
L	72+52.00	-71.00	445625.7540	1998479.4659	
L	76+63.00	-45.00	445728.8075	1998878.1851	
L	76+63.00	-66.00	445748.7670	1998871.6569	
L	76+63.00	-77.00	445759.2220	1998868.2374	
L	76+84.00	52.45	445642.7091	1998928.4399	
L	76+84.00	68.00	445627.9343	1998933.2723	
L	77+25.00	95.00	445615.0174	1998980.6343	
L	77+95.00	100.00	445632.0257	1999048.7204	
L	78+40.00	67.00	445677.3796	1999081.2323	
L	79+01.00	-77.00	445833.2077	1999094.4456	
L	79+37.00	45.00	445728.4434	1999166.5874	
L	79+60.00	-63.00	445838.2424	1999154.8745	
L	79+60.00	-45.00	445821.1342	1999160.4700	
L	79+81.00	65.00	445723.1124	1999214.6246	
L	79+95.00	553.00	445263.6428	1999379.6328	
L	80+02.00	62.00	445732.4919	1999233.6516	
L	80+02.00	68.00	445726.7892	1999235.5168	
L	80+30.00	627.00	445204.1894	1999435.9027	
L	82+59.00	407.00	445484.4773	1999585.1666	DID NOT SET. INSIDE GREENHOUSE
L	82+83.00	69.00	445813.1916	1999502.9053	
L	82+83.00	62.00	445819.8448	1999500.7292	
L	82+92.00	510.00	445396.8391	1999648.5506	
L	83+20.00	522.00	445394.1378	1999678.8937	
L	84+15.00	45.46	445876.4201	1999620.6853	
L	84+83.00	-45.00	445982.3101	1999660.5374	
L	85+06.00	-71.00	446013.4830	1999677.1174	
L	85+20.00	46.22	445903.0585	1999718.9103	
L	85+25.00	-74.00	446021.1373	1999695.7493	
L	87+08.00	-63.00	446043.2360	1999886.0235	
L	87+08.00	-45.00	446025.3487	1999888.0348	
L	87+08.00	-77.00	446057.1483	1999884.4592	
L	87+69.00	-45.00	446031.0980	1999950.5969	
L	87+69.00	-77.00	446063.0167	1999948.3170	
L	89+16.00	-74.00	446064.5976	2000099.8334	
L	89+16.00	-45.00	446035.5996	2000100.1764	
L	89+42.00	-45.00	446035.9072	2000126.1746	
L	89+42.00	-74.00	446064.9051	2000125.8316	
L	89+84.00	51.00	445940.4081	2000169.3073	
L	90+08.00	67.00	445924.6931	2000193.4948	
L	91+27.00	-65.00	446058.0941	2000310.9251	
L	91+27.00	-45.00	446038.0955	2000311.1617	
L	91+53.00	-65.00	446058.4016	2000336.9233	
L	91+53.00	-45.00	446038.4030	2000337.1599	
L	92+12.00	-64.00	446058.0996	2000395.9310	
L	92+12.00	-45.00	446039.1009	2000396.1557	
L	92+38.00	-64.00	446058.4071	2000421.9292	
L	92+38.00	-45.00	446039.4084	2000422.1539	
L	93+40.00	-63.00	446058.6137	2000523.9339	
L	93+40.00	-45.00	446040.6149	2000524.1468	

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 06FEB2023 TO 19JUN2023 .

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW03E-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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B8875F3940446...

Professional Land Surveyor L-3259

REVISIONS

6/2/99

19-JUN-2023 14:58
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AT JKA-042

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REVISIONS

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PERMANENT EASEMENT CONTROL SHEET

ROW MARKER PERMANENT EASEMENT-E

	ALIGN	STATION	OFFSET	NORTH	EAST
	L	93+61.00	67.00	445928.8712	2000546.4701
	L	93+61.00	45.00	445950.8696	2000546.2099
	L	93+68.00	-63.00	446058.9449	2000551.9319
	L	93+68.00	-45.00	446040.9461	2000552.1448
	L	94+12.00	-45.00	446041.4666	2000596.1417
	L	94+12.00	-67.00	446063.4651	2000595.8815
	L	94+38.00	-45.00	446041.7741	2000622.1399
	L	94+38.00	-67.00	446063.7726	2000621.8797
	L	95+67.00	-119.82	446118.1179	2000750.2458
PK NAIL SET IN ASPHALT	L	97+43.00	45.00	445955.3882	2000928.1832
	L	97+43.00	68.00	445932.3898	2000928.4552
PK NAIL SET IN ASPHALT	L	97+75.00	68.00	445932.7683	2000960.4530
	L	97+75.00	45.00	445955.7667	2000960.1809
	L	97+82.00	-64.00	446064.8418	2000965.8911
	L	97+82.00	-45.00	446045.8432	2000966.1159
	L	98+31.00	-64.00	446065.4214	2001014.8877
	L	98+31.00	-45.00	446046.4228	2001015.1124
	L	98+33.00	68.00	445933.4543	2001018.4489
	L	98+33.00	45.00	445956.4527	2001018.1769
	L	98+65.00	68.00	445933.8328	2001050.4467
	L	98+65.00	45.00	445956.8312	2001050.1746
	L	99+16.79	68.00	445934.4455	2001102.2379
	L	100+15.00	66.45	445937.1525	2001200.4179
	L	100+89.00	61.00	445943.4820	2001274.3482
	L	102+04.00	-70.00	446077.5549	2001385.3299
	L	102+04.00	-45.00	446052.5818	2001386.4895
	L	102+13.00	71.00	445937.1478	2001401.0725
	L	102+13.00	64.00	445944.1393	2001400.7268
PAINTED DOT ON CONC	L	102+27.00	-70.00	446078.6829	2001407.7648
PAINTED DOT ON CONC	L	102+27.00	-45.00	446053.7198	2001409.1158
	L	102+34.00	67.00	445942.2781	2001422.3139
	L	102+34.00	60.00	445949.2670	2001421.9193
	L	102+61.00	45.00	445965.9111	2001448.4278
	L	103+88.00	-45.00	446066.5335	2001567.1632
	L	104+22.00	-62.00	446087.2028	2001598.4185
	L	104+22.00	-68.00	446093.1603	2001597.7058
	L	104+44.00	-72.00	446099.7607	2001618.5411
	L	104+44.00	-66.00	446093.8086	2001619.2975
	L	106+85.00	-65.00	446131.8977	2001851.8761
	L	106+85.00	-72.00	446138.7486	2001850.4393
	L	107+07.00	-72.00	446143.2331	2001871.4377
	L	107+07.00	-65.00	446136.3928	2001872.9248
	L	107+49.00	-45.00	446125.9205	2001917.5364
	L	108+90.00	-69.00	446182.1701	2002048.5724
	L	108+93.00	46.81	446070.3113	2002078.7078
	L	108+93.53	-55.00	446169.3918	2002055.2935
	L	109+08.00	-78.00	446195.1486	2002063.9528
	L	109+16.00	-59.20	446178.7535	2002076.1479
	L	109+42.00	74.00	446055.3981	2002132.7263
	L	109+42.00	65.00	446064.1460	2002130.6109
	L	109+62.56	74.00	446060.2296	2002152.7065
	L	110+86.00	65.00	446097.9916	2002270.5769
	L	110+86.00	45.00	446117.4313	2002265.8761
	L	111+14.00	65.00	446104.5727	2002297.7925
	L	111+14.00	45.00	446124.0124	2002293.0917
	L	112+05.00	-45.00	446232.8797	2002360.3889
	L	112+32.00	-54.00	446247.9736	2002384.5172
	L	112+46.00	-68.00	446264.8720	2002394.8344
	L	112+46.00	-54.00	446251.2642	2002398.1250
	L	112+68.00	-57.00	446259.3510	2002418.8036
	L	112+68.00	-68.00	446270.0428	2002416.2181
	L	112+82.00	65.00	446144.0592	2002461.0861
	L	112+82.00	45.00	446163.4990	2002456.3853
	L	113+08.00	45.00	446169.6100	2002481.6570
	L	113+08.00	65.00	446150.1703	2002486.3578
	L	113+18.00	45.00	446171.9604	2002491.3768
	L	113+49.00	66.00	446158.8349	2002526.4442
	L	113+62.00	54.00	446173.5542	2002536.2596
	L	113+72.00	54.00	446175.9046	2002545.9794
	L	113+72.00	45.00	446184.6525	2002543.8641
	L	115+11.00	63.00	446199.8672	2002683.2822
	L	115+11.00	45.00	446217.3570	2002679.0269
	L	115+36.00	45.00	446223.2957	2002703.3693
	L	115+36.00	63.00	446205.8112	2002707.6464
	L	116+39.00	45.00	446248.0807	2002803.5814
	L	116+39.00	60.00	446233.5318	2002807.2200
	L	116+63.00	45.00	446253.9336	2002826.9125
	L	116+63.00	60.00	446239.3861	2002830.5692
	L	117+72.00	-57.00	446379.6399	2002907.3841
	L	117+88.00	45.00	446284.8545	2002948.3177
	L	117+88.00	60.00	446270.3302	2002952.0653
	L	117+94.00	-66.00	446393.8294	2002926.3760
	L	118+09.00	-45.00	446377.2458	2002946.1177
	L	118+12.00	45.00	446290.8781	2002971.6053
	L	118+12.00	60.00	446276.3583	2002975.3703
PK NAIL SET IN ASPHALT	L	123+85.00	83.00	446403.8610	2003535.3637
PK NAIL SET IN ASPHALT	L	123+95.00	101.00	446389.1376	2003549.7589
	L	125+41.00	77.34	446450.4836	2003684.3415
	L	125+49.00	66.14	446463.3973	2003689.1028
	L	127+93.00	79.00	446517.5636	2003929.3616
PK NAIL SET IN ASPHALT	L	127+97.00	90.00	446508.2100	2003936.4366
PK NAIL SET IN ASPHALT	L	128+10.00	89.00	446513.0151	2003948.8065

ROW MARKER PERMANENT EASEMENT-E

	ALIGN	STATION	OFFSET	NORTH	EAST
	L	128+23.00	79.00	446526.4524	2003958.5104
PK NAIL SET IN ASPHALT	L	129+06.00	80.00	446551.0037	2004039.1818
	L	130+05.00	-92.00	446745.5837	2004077.8714
	L	130+05.00	-70.00	446724.8095	2004085.1124
	L	130+35.00	-69.34	446734.0070	2004113.2360
	L	130+35.00	-92.00	446755.3595	2004105.6494
	L	130+70.00	79.00	446606.2481	2004196.3590
PAINTED DOT ON CURB AND GUTTER	L	131+00.00	98.00	446598.9180	2004231.5642
	L	131+39.00	97.31	446613.5117	2004268.5573
	L	131+63.00	-88.00	446795.2022	2004224.9272
	L	131+63.00	-59.13	446768.2507	2004235.2874
	L	131+93.00	-88.00	446805.8594	2004252.4048
	L	131+93.00	-58.00	446777.9227	2004263.3366
	L	135+62.00	-58.00	446916.6791	2004604.3129
	L	135+62.00	-83.00	446939.8209	2004594.8548
	L	135+84.00	-103.00	446966.6575	2004607.6532
	L	135+84.00	-83.00	446948.1440	2004615.2196
	L	136+09.00	-103.00	446976.1156	2004630.7950
	L	136+09.00	-89.00	446963.1562	2004636.0915
	L	136+13.00	51.93	446834.2156	2004693.1108
	L	136+36.00	-58.00	446944.6750	2004672.8128
	L	136+36.00	-89.00	446973.3709	2004661.0847
	L	136+63.00	-58.00	446954.8897	2004697.8059
	L	136+63.00	-89.00	446983.5856	2004686.0779
	L	137+00.00	-85.00	446993.8809	2004721.8411
	L	137+58.00	-85.00	447015.8237	2004775.5302
	L	137+58.00	-58.00	446990.8305	2004785.7449
	L	138+12.00	-85.00	447036.2531	2004825.5166
	L	138+12.00	-58.00	447011.2599	2004835.7313
	L	140+09.00	78.00	446959.8980	2005069.5409
	L	140+11.00	45.00	446991.2019	2005058.9076
	L	140+29.00	83.00	446962.8361	2005089.9460
	L	140+45.00	45.00	447004.0649	2005090.3805
	L	140+67.00	-85.00	447132.7256	2005061.5633
	L	140+73.00	-98.00	447147.0293	2005062.1991
	L	140+93.00	-91.00	447148.1160	2005083.3609
	L	141+06.00	-60.00	447124.3383	2005107.1227
	L	141+25.00	-46.27	447118.8198	2005129.9037
	L	141+88.00	-60.00	447155.3609	2005183.0279
	L	141+88.00	-45.00	447141.4758	2005188.7027
	L	141+96.00	45.00	447061.1917	2005230.1572
	L	142+07.00	77.00	447035.7317	2005252.4460
	L	142+07.00	54.00	447057.0222	2005243.7445
	L	142+31.00	84.00	447038.3318	2005277.3104
	L	142+36.00	67.00	447055.9598	2005275.5073
	L	142+85.00	-60.00	447192.0582	2005272.8182
	L	142+85.00	-45.00	447178.1731	2005278.4931
	L	143+53.00	-45.00	447203.8991	2005341.4389
	L	143+90.00	80.00	447102.1879	2005422.9792
	L	143+90.00	67.00	447114.2216	2005418.0610
	L	144+10.00	84.00	447106.0517	2005443.0060
	L	144+14.00	67.00	447123.3014	2005440.2772
	L	145+64.00	-104.00	447338.3401	2005514.4349
	L	145+64.00	-65.00	447302.2388	2005529.1895
	L	145+64.00	-57.67	447295.4505	2005531.9639
	L	145+83.00	-110.00	447351.0823	2005529.7527
	L	146+14.00	67.00	447198.9661	2005625.4119
	L	146+19.00	83.00	447186.0469	2005636.0934
	L	146+39.00	77.00	447199.1674	2005652.3369
	L	146+39.00	67.00	447208.4242	2005648.5537
	L	146+59.00	-62.00	447335.4025	2005618.2635
	L	147+17.00	-60.00	447355.4939	2005672.7092
	L	147+17.00	-45.00	447341.6088	2005678.3840
	L	147+29.00	67.00	447242.4733	2005731.8643
	L	147+29.00	72.00	447237.8449	2005733.7559
	L	147+47.00	83.00	447234.4723	2005754.5796
	L	147+57.00	67.00	447253.0663	2005757.7832
	L	147+97.00	45.00	447288.5641	2005786.4870
	L	147+97.00	67.00	447268.1992	2005794.8101
	L	148+68.00	67.00	447295.0602	2005860.5329
	L	149+24.00	-152.00	447518.9688	2005829.5178
	L	149+24.00	-45.00	447419.9217	2005869.9984
	L	149+59.00	-119.00	447501.6629	2005874.4011
	L	149+77.00	-45.00	447439.9729	2005919.0591
	L	149+79.00	67.00	447337.0541	2005963.2827
	L	149+79.00	82.00	447323.1690	2005968.9575
	L	149+84.00	-119.00	447511.1210	2005897.5429
	L	149+84.00	-152.00	447541.6682	2005885.0582
	L	150+06.00	67.00	447347.2688	2005988.2759
	L	150+06.00	82.00	447333.3837	2005993.9507
	L	151+12.00	-70.00	447514.1884	2006034.5670
	L	151+12.00	-45.00	447491.0477	2006044.0246
	L	151+38.00	-70.00	447524.0248	2006058.6345

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 06FEB2023 TO 19JUNE2023.

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW03E-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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

DocuSign Envelope ID: B665A140-E678-44BA-9425-80678744AB8C

PERMANENT EASEMENT CONTROL SHEET

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST	
L	151+38.00	-45.00	447500.8830	2006068.0925	
L	153+75.00	-95.00	447636.8293	2006268.5610	
L	153+75.00	-45.00	447590.5456	2006287.4772	
L	154+05.00	-45.00	447601.8953	2006315.2474	
L	154+05.00	-95.00	447648.1790	2006296.3312	
L	154+78.00	290.00	447319.4123	2006509.5599	
L	154+97.00	319.00	447299.7559	2006538.1190	
L	155+55.00	45.00	447575.3332	2006488.1475	
L	155+55.00	286.00	447352.2459	2006579.3234	
L	155+55.00	72.00	447550.3400	2006498.3622	
L	155+85.00	316.00	447335.8254	2006618.4433	
L	155+85.00	45.00	447586.6829	2006515.9177	
L	155+85.00	72.00	447561.6897	2006526.1324	
L	156+07.00	72.00	447570.0128	2006546.4973	
L	156+12.00	89.00	447556.1680	2006557.5571	
L	156+28.00	68.00	447581.6603	2006564.4231	
L	156+31.00	84.00	447567.9845	2006573.2533	
L	156+53.00	53.00	447605.0035	2006581.8901	
L	156+66.00	45.00	447617.3271	2006590.8973	
L	157+99.00	-82.00	447785.2046	2006665.9648	
L	158+18.00	-87.00	447797.0211	2006681.6610	
L	158+22.00	-70.00	447782.7980	2006691.7952	
L	159+20.00	-72.00	447821.7250	2006781.7545	
L	159+20.00	-58.00	447808.7656	2006787.0510	
L	159+44.00	-58.00	447817.8453	2006809.2672	
L	159+44.00	-72.00	447830.8048	2006803.9707	
L	161+95.00	-87.00	447939.6490	2007030.6399	
L	161+95.00	-71.00	447924.8382	2007036.6930	
L	162+15.00	-87.00	447947.2155	2007049.1533	
L	162+23.00	-58.03	447923.4269	2007067.5181	
L	162+23.00	-82.00	447945.6137	2007058.4503	
L	162+30.13	65.00	447812.2388	2007120.6680	
L	162+44.00	114.00	447772.1265	2007152.0409	
L	162+47.00	-82.00	447954.6935	2007080.6665	
L	162+47.00	-58.03	447932.5090	2007089.7352	
L	162+47.00	-71.00	447944.5111	2007084.8281	
L	162+59.17	111.00	447780.6431	2007164.9493	
L	162+87.00	-78.00	447965.9806	2007118.6524	
L	164+03.00	-77.00	448010.5818	2007222.4787	
L	164+03.00	-87.00	448019.6551	2007218.2744	
L	164+21.00	-65.00	448007.1456	2007243.4795	
L	164+26.00	-81.00	448023.6977	2007241.0657	
L	164+56.00	-45.00	448003.9134	2007283.1030	
L	165+82.00	88.00	447943.2782	2007456.6155	
L	165+94.00	46.02	447986.0438	2007447.4428	
L	166+01.00	94.00	447947.3330	2007476.6851	
L	166+15.00	46.57	447995.8062	2007466.4088	
L	170+32.00	-74.00	448311.8973	2007765.3433	
L	170+32.00	-45.00	448286.9656	2007780.1556	
L	171+25.00	-287.00	448542.5181	2007736.4981	
L	171+37.00	-79.00	448369.8286	2007853.0585	
L	171+37.00	-53.96	448348.2979	2007865.8508	
L	171+53.17	-305.79	448573.0592	2007751.1224	NOT SET, FELL ON EIP
L	171+76.83	-365.35	448636.3555	2007741.0374	
L	171+88.00	-206.00	448505.0616	2007832.0334	
L	172+23.02	-483.36	448761.3921	2007720.4667	
L	172+44.00	87.00	448281.7717	2008029.8380	PK NAIL SET
L	172+45.00	-303.00	448617.5680	2007831.4903	
L	172+66.00	96.00	448285.2717	2008053.3486	PK NAIL SET
L	172+97.00	-451.00	448771.3656	2007800.5983	
L	173+21.00	-79.00	448463.8137	2008011.2445	
L	173+34.00	-45.00	448441.2239	2008039.7875	
L	173+47.00	-67.00	448466.7777	2008039.7264	
L	176+46.00	-45.00	448600.5898	2008308.0160	
L	176+46.00	-63.00	448616.0645	2008298.8218	
L	176+76.21	-63.00	448631.4951	2008324.7930	
L	177+09.00	45.00	448555.3959	2008408.1484	
L	177+25.00	92.00	448523.1623	2008445.9108	
L	177+56.00	45.00	448579.4029	2008448.5546	
L	177+56.00	86.00	448544.1550	2008469.4969	
L	178+13.00	-45.00	448685.8915	2008451.5870	
L	178+17.00	-55.00	448696.5317	2008449.9179	
L	178+17.00	-72.00	448711.1467	2008441.2345	
L	178+36.00	-79.00	448726.8696	2008453.9934	
L	178+37.00	45.00	448620.7768	2008518.1909	PAINTED DOT
L	178+43.00	-63.00	448716.6898	2008468.1840	
L	178+46.00	101.00	448577.2303	2008554.5324	
L	178+65.04	101.00	448586.9547	2008570.8994	
L	180+98.00	65.00	448736.8984	2008752.7900	
L	180+98.00	45.00	448754.0925	2008742.5743	
L	181+15.00	-63.00	448855.6242	2008702.0241	
L	181+20.00	-79.00	448871.9335	2008698.1501	
L	181+25.00	65.00	448750.6897	2008776.0021	
L	181+25.00	45.00	448767.8838	2008765.7863	
L	181+39.00	-73.00	448876.4802	2008717.5492	
L	181+50.00	-45.00	448858.0271	2008741.3081	
L	182+74.23	87.00	448808.0002	2008915.5320	
L	182+78.00	75.00	448820.2432	2008912.6451	
L	182+87.99	-78.00	448956.8821	2008843.0846	
L	182+92.00	45.00	448853.1871	2008909.3602	

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST	
L	182+92.00	75.00	448827.3934	2008924.6796	
L	183+05.00	-54.00	448944.9366	2008869.9655	
L	183+05.00	-75.00	448962.9905	2008859.2389	
L	183+17.00	-45.00	448943.3287	2008884.8791	
L	184+10.00	75.00	448887.6673	2009026.1264	
L	184+13.00	81.00	448884.0414	2009031.7702	
L	184+31.00	88.00	448887.2176	2009050.8204	
L	184+38.00	72.00	448904.5485	2009048.6658	
L	184+51.00	72.00	448911.1887	2009059.8420	
L	184+51.00	45.00	448934.4008	2009046.0507	
L	184+58.00	-45.00	449015.3499	2009006.0977	PAINTED DOT
L	184+58.00	-64.00	449031.6843	2008996.3927	PAINTED DOT ON CONC
L	184+72.00	-64.00	449038.8354	2009008.4286	PAINTED DOT ON CONC
L	184+79.00	72.00	448925.4908	2009083.9137	
L	184+79.00	45.00	448948.7029	2009070.1225	
L	184+80.00	-81.00	449057.5367	2009006.6228	
L	184+97.00	-45.00	449035.2706	2009039.6262	PAINTED DOT ON CONC
L	184+97.00	-74.00	449060.2021	2009024.8134	PAINTED DOT ON CONC
L	185+87.73	72.00	448981.0284	2009177.3890	
L	186+47.70	67.00	449015.9618	2009226.3965	
L	186+66.00	67.00	449025.3067	2009242.1249	
L	186+66.00	45.00	449044.2203	2009230.8876	
L	188+03.00	72.00	449090.9862	2009362.4587	
L	188+21.00	80.00	449093.3027	2009382.0197	
L	188+29.00	65.00	449110.2846	2009381.2355	
L	189+02.00	45.00	449164.7663	2009433.7783	PAINTED DOT ON CONC
L	189+02.00	65.00	449147.5722	2009443.9941	PAINTED DOT ON CONC
L	189+30.00	45.00	449179.0681	2009457.8503	
L	189+30.00	65.00	449161.8742	2009468.0659	
L	190+16.00	66.00	449204.9423	2009542.5114	
L	190+21.00	83.00	449192.8812	2009555.4934	
L	190+38.00	47.06	449232.4600	2009551.7521	
L	190+41.00	77.00	449208.2552	2009569.6228	PK NAIL SET IN ASPHALT
L	190+54.00	69.00	449221.7731	2009576.7126	PK NAIL SET IN ASPHALT
L	191+24.00	68.00	449258.3880	2009636.3813	
L	191+24.00	50.41	449273.5101	2009627.3966	
L	191+40.00	-59.97	449376.5770	2009584.7712	PK NAIL SET IN ASPHALT
L	191+52.00	-89.00	449407.6640	2009580.2593	PK NAIL SET IN ASPHALT
L	191+57.00	-72.00	449395.6030	2009593.2413	PK NAIL SET IN ASPHALT
L	191+71.00	-95.00	449422.5272	2009593.5290	PK NAIL SET IN ASPHALT
L	191+77.00	-78.00	449410.9770	2009607.3707	PK NAIL SET IN CONC
L	193+00.00	57.26	449357.5196	2009782.2041	PK NAIL SET IN CONC
L	193+11.00	80.00	449343.5890	2009803.2759	
L	194+75.00	63.81	449441.2731	2009936.0003	
L	197+92.00	73.03	449592.3706	2010211.3561	PK NAIL SET IN ASPHALT
L	197+92.00	87.00	449580.0737	2010217.9785	PK NAIL SET IN ASPHALT
L	197+96.00	-74.00	449723.7953	2010145.3084	PK NAIL SET IN ASPHALT
L	198+13.00	87.00	449589.4468	2010235.6290	
L	198+13.00	73.61	449601.3049	2010229.4202	
L	200+19.00	-67.00	449813.9512	2010358.7395	
L	200+70.00	-76.00	449840.7604	2010405.3635	PAINTED DOT ON HOOD OF CATCH BASIN
L	200+88.00	-68.11	449839.4564	2010425.6362	

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	18+77.51	45.00	445387.5691	1997592.4676
Y1	19+93.80	44.00	445497.8378	1997555.5004
Y1	21+00.00	40.00	445588.0709	1997537.9712
Y1	21+57.00	-41.00	445653.3042	1997463.7804
Y1	21+83.00	40.00	445659.7149	1997548.5555
Y1	21+83.00	56.00	445655.3492	1997563.9484
Y1	22+18.00	40.00	445692.3700	1997558.5129
Y1	22+18.00	52.00	445688.8483	1997569.9845
Y1	22+50.00	-40.00	445746.4392	1997491.4270
Y1	24+15.00	-40.00	445904.1736	1997539.8510
Y1	24+15.00	-29.83	445901.1898	1997549.5700
Y1	24+15.00	30.17	445883.5811	1997606.9281
Y1	24+15.00	40.00	445880.6952	1997616.3282

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	11+76.30	52.00	444982.1449	1997650.1175
Y2	12+19.00	48.00	445024.7658	1997645.3432
Y2	12+19.00	40.01	445024.6203	1997637.3532
Y2	12+57.00	-28.61	445060.8125	1997567.7065
Y2	12+94.00	-54.80	445095.7855	1997539.8696
Y2	13+16.00	42.47	445123.6262	1997635.6133
Y2	13+58.00	65.00	445168.3628	1997654.7453

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 06FEB2023 TO 19JUN2023.

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW03E-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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B0875F3940446...

Professional Land Surveyor L-3259

REVISIONS

6/2/99

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REVISIONS

PERMANENT EASEMENT CONTROL SHEET

ROW MARKER PERMANENT EASEMENT-E

	ALIGN	STATION	OFFSET	NORTH	EAST
	Y3	22·27.95	55.00	446988.2879	2001913.2088
	Y3	22·27.95	45.00	446998.1507	2001914.8600
PAINT DOT ON CONC DRIVE	Y3	22·81.00	64.00	446970.6900	2001964.0609
	Y3	24·14.00	65.00	446947.8423	2002095.0876
	Y3	24·14.00	78.00	446935.0192	2002092.9507
	Y3	24·37.00	81.00	446928.2794	2002115.1448
	Y3	24·37.00	65.00	446944.0618	2002117.7747
	Y3	25·75.34	66.00	446920.3362	2002254.0702
	Y3	27·10.78	67.00	446897.0881	2002387.5000
PAINT DOT ON CONC DRIVE	Y3	30·13.00	69.00	446845.4389	2002685.2829
PAINT DOT ON CONC DRIVE	Y3	30·13.00	83.00	446831.6293	2002682.9817
	Y3	30·33.00	86.00	446825.3827	2002702.2166
	Y3	30·36.00	70.00	446840.6720	2002707.8057
	Y3	32·62.00	-60.00	446931.7561	2002952.0999
	Y3	32·62.00	-45.00	446916.9602	2002949.6344
	Y3	32·88.00	-45.00	446912.6865	2002975.2808
	Y3	32·88.00	-60.00	446927.4825	2002977.7463
	Y3	34·27.00	74.00	446772.4576	2003092.8301
	Y3	34·27.00	45.00	446801.0632	2003097.5968
	Y3	34·52.00	86.00	446756.5116	2003115.5176
	Y3	34·55.00	74.00	446767.8552	2003120.4493
	Y3	34·55.00	45.00	446796.4608	2003125.2160
	Y3	34·72.00	90.00	446749.2786	2003134.5881
	Y3	34·76.00	74.00	446764.4035	2003141.1636
	Y3	36·05.00	75.00	446742.2133	2003268.2447
	Y3	36·24.00	91.00	446723.3079	2003284.3564
	Y3	36·34.91	77.00	446735.3242	2003297.4191
	Y3	37·34.00	65.00	446723.2391	2003377.4858

ROW MARKER PERMANENT EASEMENT-E

	ALIGN	STATION	OFFSET	NORTH	EAST
PK NAIL SET IN ASPHALT	Y4	14·71.00	41.75	446383.6414	2003659.9907
PK NAIL SET IN ASPHALT	Y4	14·80.00	-53.58	446392.2678	2003564.6282

ROW MARKER PERMANENT EASEMENT-E

	ALIGN	STATION	OFFSET	NORTH	EAST
	Y5	12·01.00	-75.00	446714.6770	2004676.3328
	Y5	13·48.00	-75.00	446651.6461	2004776.9936
	Y5	13·48.00	-101.00	446675.8327	2004786.5334
	Y5	13·65.00	95.00	446486.2021	2004734.3463
	Y5	13·85.00	-75.00	446641.9240	2004805.4293
	Y5	13·85.00	-101.00	446666.8883	2004812.6942
DID NOT SET, FELL INSIDE 1SFD	Y5	14·25.00	88.00	446474.1414	2004807.3425
	Y5	15·02.94	84.00	446465.0157	2004886.5710
	Y5	15·62.90	81.00	446458.2024	2004946.2161
	Y5	15·92.00	81.00	446453.4595	2004974.9246
	Y5	15·92.00	45.00	446488.9780	2004980.7926
	Y5	15·92.00	71.00	446463.3258	2004976.5546
	Y5	16·61.00	71.00	446452.0788	2005044.6318
	Y5	16·66.00	88.00	446434.4911	2005046.7939
	Y5	16·82.00	71.00	446448.6558	2005065.3510
	Y5	16·85.00	82.00	446437.3139	2005066.5178
	Y5	18·08.00	87.00	446412.3318	2005187.0579
	Y5	18·08.00	72.00	446427.1312	2005189.5028
	Y5	18·23.00	-57.00	446551.9610	2005225.3292
	Y5	18·23.00	-45.00	446540.1215	2005223.3732
	Y5	18·32.00	45.00	446449.8581	2005217.5829
	Y5	18·32.00	78.00	446417.2995	2005212.2039
	Y5	18·32.00	87.00	446408.4198	2005210.7369
	Y5	18·47.00	-65.00	446555.9420	2005250.3122
	Y5	18·47.00	-89.00	446579.6210	2005254.2242
	Y5	18·59.00	45.00	446445.4571	2005244.2218
	Y5	18·59.00	73.00	446417.8316	2005239.6578
	Y5	18·59.00	78.00	446412.8985	2005238.8428
	Y5	18·73.00	-45.00	446531.9715	2005272.7045
	Y5	18·73.00	-83.00	446569.4633	2005278.8985
DID NOT SET, FELL INSIDE 1SFD	Y5	20·07.00	-77.00	446541.7016	2005410.1284
	Y5	20·07.00	-114.00	446578.2067	2005416.1594
	Y5	20·09.00	73.00	446393.3816	2005387.6517
	Y5	20·09.00	88.00	446378.5823	2005385.2067
	Y5	20·16.00	45.00	446419.8662	2005399.1221
	Y5	20·30.00	73.00	446389.9586	2005408.3708
	Y5	20·30.00	88.00	446375.1593	2005405.9259
DID NOT SET, INACCESSIBLE LOCKED FENCE	Y5	20·30.00	-114.00	446574.4577	2005438.8518
	Y5	20·48.00	73.00	446387.0247	2005426.1301
	Y5	20·66.05	88.87	446368.4213	2005441.3535
	Y5	21·64.98	74.00	446366.9709	2005541.3794
	Y5	22·02.00	89.00	446346.1367	2005575.4625
	Y5	22·02.00	74.00	446360.9361	2005577.9075
	Y5	22·22.00	89.00	446342.8767	2005595.1951
	Y5	22·22.00	74.00	446357.6761	2005597.6401
	Y5	25·36.00	-57.00	446435.7422	2005928.7936
	Y5	25·36.00	-45.00	446423.9027	2005926.8376
	Y5	25·89.00	80.00	446291.9354	2005958.7539
	Y5	25·89.00	64.00	446307.7215	2005961.3618
	Y5	26·03.00	-57.00	446424.8212	2005994.8976
	Y5	26·03.00	-76.00	446443.5671	2005997.9946
	Y5	26·24.00	-76.00	446440.1441	2006018.7137
	Y5	26·24.00	-45.00	446409.5587	2006013.6607

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y5	26·30.00	64.00	446301.0385	2006001.8135
Y5	26·30.00	80.00	446285.2525	2005999.2055
Y5	27·04.00	-45.00	446396.5187	2006092.5908
Y5	27·43.00	-79.00	446423.7070	2006136.6112
Y5	27·49.00	-45.00	446389.1838	2006136.9890
Y5	27·62.00	-56.00	446397.9177	2006151.6081
Y5	28·18.00	67.00	446267.4347	2006186.8102
Y5	28·18.00	64.00	446270.3945	2006187.2992
Y5	29·94.00	-67.00	446370.9546	2006382.2984
Y5	30·08.00	-45.00	446346.9668	2006392.5252
Y5	30·11.00	-78.00	446379.0365	2006400.8640
Y5	30·20.00	-430.00	446724.8619	2006467.1195
Y5	30·32.00	-45.00	446343.0548	2006416.2042
Y5	30·48.00	-461.00	446750.8833	2006499.7981
Y5	31·67.00	-430.00	446700.9009	2006612.1540
Y5	31·94.00	-460.00	446726.0987	2006643.6825
Y5	32·07.00	-73.00	446342.1554	2006593.4277
Y5	32·10.00	-45.00	446314.0409	2006591.8236
Y5	32·15.00	66.00	446203.7104	2006578.6638
Y5	32·15.00	78.00	446191.8709	2006576.7078
Y5	32·36.00	78.00	446188.4479	2006597.4270
Y5	32·36.00	66.00	446200.2874	2006599.3829
Y5	32·36.50	-76.00	446340.3068	2006623.0222
Y5	32·40.00	-45.00	446309.1509	2006621.4224
Y5	34·05.00	66.00	446172.7405	2006766.1228
Y5	34·05.00	80.00	446158.9277	2006763.8408
Y5	34·34.96	80.00	446154.0450	2006793.3954
Y5	36·05.00	66.00	446140.1405	2006963.4480
Y5	36·05.00	80.00	446126.3278	2006961.1660
Y5	36·28.00	66.00	446136.3915	2006986.1404
Y5	36·28.00	74.00	446128.4985	2006984.8364
Y5	38·13.00	66.00	446106.2366	2007168.6662
Y5	40·06.00	45.00	446095.4968	2007362.5081
Y5	40·06.00	65.00	446075.7643	2007359.2481
Y5	40·36.00	-63.00	446197.1624	2007409.7108
Y5	40·36.00	-45.00	446179.4032	2007406.7768
Y5	40·56.00	-63.00	446193.9024	2007429.4433
Y5	40·56.00	-45.00	446176.1432	2007426.5093
Y5	40·60.00	45.00	446086.6948	2007415.7859
Y5	40·60.00	65.00	446066.9623	2007412.5259
Y5	40·95.00	-45.00	446169.7862	2007464.9878
Y5	40·95.00	-55.00	446179.6524	2007466.6177
Y5	41·35.00	-55.00	446173.1325	2007506.0828
Y5	41·35.00	-45.00	446163.2662	2007504.4528
Y5	43·00.00	65.00	446027.8424	2007649.3161
Y5	43·24.00	43.56	446045.0827	2007676.4897

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW03E-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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

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 06FEB2023 TO 19JUN2023.

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PROJECT REFERENCE NO.	SHEET NO.
U-3422	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

SEAL L-3259 NORTH CAROLINA PROFESSIONAL LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

REVISIONS

6/2/99

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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 06FEB2023 TO 19JUN2023.

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PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

NAD 83/2011

REVISIONS

3/25/2022: PARCELS 6-8,21 PUE REVISED; PARCELS 12,13,24 TUE ADDED; PARCELS 19-20, 22-24 PUE REMOVED AND TCE ADDED; PARCEL 25 PUE REVISED AND TCE ADDED; PARCEL 21 DUE REMOVED AND PDE ADDED; PARCEL 25 PUE REVISED AND TCE ADDED

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MATCHLINE SHEET 4 -L- STA. 35+00.00

MATCHLINE SHEET 6 -L- STA. 48+00.00

18 ADRIENNE FREDRICK DB 11044 PG 438 DB 10211 PG 283 PB 112 PG 87

19 LAVERNE RUDDER DB 3617 PG 578 DB 10292 PG 106

20 EVELYN MCDOUGALD DB 3030 PG 216 DB 10326 PG 032

21 EUGENE LOWERY DB 9996 PG 81 PB 135 PG 85

22 EDWARD S. OXENDINE, ET UX DB 9996 PG 83 PB 135 PG 85

23 HUNTER B. TAYLOR DB 11243 PG 682

24 TIMOTHY RAY DAVIS DB 3347 PG 843

25 KATY WELSH DAVIS, HEIRS DB 2085 PG 141 PB 34 PG 28

5 6 7 8 9 10 11 12 13 14 15 16 17

JESUS FIRST CHRISTIAN CHURCH DB 3416 PG 180 DB 3988 PG 355 DB 10189 PG 198 PB 110 PG 67

ANTONIO GERALD DB 952 PG 821 PB 128 PG 8

CUMBERLAND COUNTY DB 3018 PG 499 PB 56 PG 23

CAMDEN VENTURES, LLC DB 5931 PG 505 PB 115 PG 90

ROBERT W. REX DB 8536 PG 491 PB 115 PG 90

RONNEY EDWARD HENSLEY, ET UX DB 8256 PG 831 PB 115 PG 90

MORGAN MARTIN, ET AL DB 11491 PG 656 PB 115 PG 90

JEFFREY ORSON MOSS, ET UX DB 9470 PG 150 PB 115 PG 90

JEREMIAH D. LINDSTROM, ET UX DB 11449 PG 364 PB 115 PG 90

ASTRA WILLIAMS DB 8341 PG 625 PB 115 PG 90

HOANG LONG VUONG, ET UX DB 11479 PG 751 PB 115 PG 90

TATYANA PUSTYLNIK DB 10332 PG 34 PB 115 PG 90

-L- PI Sta 36+60.93
△ = 1° 50' 48.0" (RT)
D = 0° 34' 22.6"
L = 322.30'
T = 161.17'
R = 10,000.00'
e = NC

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 06FEB2023 TO 19JUN2023.

DocuSign Envelope ID: A69C80FA-B612-48BE-9973-D74D3044EEBC

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
3DB6875F3940446...

Professional Land Surveyor L-3259

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/2011

REVISIONS

3/25/2022: PARCEL 25 PUE REMOVED, TCE ADDED, DUE ADDED, PDE REMOVED; PARCELS 40,41 TUE ADDED; PARCEL 41 PUE REVISED, DUE ADDED, PDE ADDED
1/31/2023: PARCEL 41 ROW REVISED, PUE REVISED, TCE REVISED

19-JUN-2023 16:07
Z:\NCDOT\U3422\SURVEY\DGN\WORK\RW\RW SERIES SHEETS\u3422_ls_rw06.dgn
mathews
AT JKA-042

MATCHLINE SHEET 5 –L– STA. 48+00.00

MATCHLINE SHEET 7 –L– STA. 61+00.00

50+00 55+00 60+00

41 KINGS QUARTERS, LLC DB 10991 PG 310 PB 100 PG 165

25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

MARCUS A. JACKSON, ET UX DB 11144 PG 17 PB 115 PG 90

MATHEW J. TERRY, ET UX DB 10014 PG 866 PB 115 PG 90

TAT WING CHAN, ET UX DB 8161 PG 404 PB 115 PG 90

ROBERT WAYNE COLVIN III, ET UX DB 10766 PG 532 PB 115 PG 90

EDITH ADRIANA CHURBE, ET VIR DB 10994 PG 3 PB 115 PG 90

JOHN T. CORLEY, ET UX DB 7888 PG 214 PB 115 PG 90

JOHN T. NOVAK, ET UX DB 7659 PG 40 PB 115 PG 90

SAMUEL D. HUTCHISON, ET AL DB 11191 PG 248 PB 115 PG 90

CHAD ALLEN COLE, ET UX DB 8095 PG 598 PB 115 PG 90

ROSHAN PHILLIP TAHERI, ET UX DB 11587 PG 325 PB 115 PG 90

MALIKA McKELLER DB 10443 PG 782 PB 115 PG 90

AMY L. ADKINS DB 11240 PG 178 PB 115 PG 90

CHAUNCEY L. DOUGHTY, JR. DB 7939 PG 27 PB 115 PG 90

RANDY LEE JONES, SR., ET UX DB 11569 PG 491 PB 115 PG 90

SCOTT A. WILLIAMS, ET UX DB 8966 PG 815 PB 115 PG 90

SR 1003 CAMDEN RD 50' PAVED ROADWAY

PLUM RIDGE RD.

N 71°53'19.2" E

S 88°49'02" W 129.98'

S 88°49'02" W 130.04'

S 88°49'02" W 130.02'

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 06FEB2023 TO 19JUN2023.

DocuSign Envelope ID: 2B81A551-FE42-4997-B6F9-261730FFCB36

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NOTES:

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2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 06FEB2023 TO 19JUN2023.

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by: Stephen Wolfe 30B6875F3940446...

Professional Land Surveyor L-3259

NAD 83/2011

-Y1- PI Sta 20+95.03
△ = 35° 06' 26.8" (RT)
D = 17° 54' 17.8"
L = 196.08'
T = 101.23'
R = 320.00'
e = 4%
Lr = 72'
DS = 30 mph

-Y2- PI Sta 13+12.49
△ = 5° 21' 33.8" (LT)
D = 2° 51' 53.2"
L = 187.08'
T = 93.61'
R = 2,000.00'
e = NC

SEE INSET A -Y1- STA. 22+50.00

MATCHLINE SHEET 6 -L- STA. 61+00.00

MATCHLINE SHEET 8 -L- STA. 75+00.00

-Y1- PT Sta. 21+89.88

-Y1- PC Sta. 19+93.80

-Y1- POT Sta. 17+57.10=
-L- POT Sta. 62+89.76

-Y2- POT Sta. 14+52.73=
-L- POT Sta. 62+82.43
N 6°23'57.5" W
-Y2- PT Sta. 14+05.97

-Y2- PC Sta. 12+18.89

-Y2- POT Sta. 10+00.00

N 76°14'43" E 879.44'

N 71°53'19.2" E

N 12°16'52" W 8.73'

N 18°45'51" E 76.01'

N 18°27'10" W 293.20'

N 18°27'10" W 237.17'

N 71°48'30" E 213.89'

N 88°42'30" E 141.29'

N 88°42'30" E 141.29'

S 18°39'39" E 129.99'

S 18°39'39" E 129.99'

S 18°39'39" E 129.99'

S 18°39'39" E 129.99'

S 18°39'39" E 123.77'

S 18°39'39" E 104.99'

S 01°18'22" W 208.80'

43 CUMBERLAND COUNTY BOARD OF EDUCATION DB 6506 PG 423 DB 4762 PG 255 PB 96 PG 10

59 BARBARA M. JOHNSON, HEIRS DB 4740 PG 782 PB 127 PG 45

41 CS QUARTERS ,LLC DB 10991PG 310 PB 127 PG 45

41 INGS QUARTERS, LLC DB 10991PG 310 PB 127 PG 45

58 CBMM PROPERTIES, LLC DB 8868 PG 891 PB 127 PG 45

58 CBMM PROPERTIES, LLC, ET AL DB 8868 PG 891

61 INCREASING WORD MINISTRY DB 10314 PG 20

40A SHERRY R. FLIPPEN, ET AL DB 9976 PG 269 PB 115 PG 90

45 BRYANT PROPERTIES,LLC DB 9560 PG 847 DB 9691 PG 776 PB 131 PG 25

44 ESTATES OF CAMDEN HOMEOWNERS ASSOC. INC. DB 9701PG 328 PB 124 PG 184

46 MATTHEW GEORGE O'CONNELL, ET UX DB 11494 PG 95 PB 124 PG 184

47 GREGORY SHAWN MAJOR, ET UX DB 10127 PG 600 PB 124 PG 184

48 YUN QING GUO DB 11276 PG 734 PB 124 PG 184

49 YALE KODWO NYAMEAZEA, ET AL DB 10286 PG 300 PB 124 PG 184

50 KURT B. ADAMSON, ET UX DB 9529 PG 222 PB 124 PG 184

51 TINA PATEL, ET AL DB 11586 PG 196 PB 124 PG 184

52 RUTH AILENE KIMBROUGH DB 10294 PG 313 PB 124 PG 184

53 PAUL D. POSENER, ET UX DB 10360 PG 373 PB 124 PG 184

54 HENRY LEE DABNEY, ET UX DB 9880 PG 199 PB 124 PG 184

55 LINDSEY FULTON DB 11250 PG 896 PB 124 PG 184

56 ZOLETTA L. TAYLOR DB 8727 PG 672 PB 124 PG 184

57 FELIX MANYWEATHER II DB 9738 PG 166 PB 124 PG 184

INSET A

-Y1- STA. 22+50.00

CUMBERLAND COUNTY BOARD OF EDUCATION DB 6505 PG 423 DB 4762 PG 255 PB 96 PG 10

BARBARA M. JOHNSON DB 4740 PG 782 PB 127 PG 45

BARBARA M. JOHNSON DB 2638 PG 59

SR 1113 WALDOS BEACH RD. 26' PAVED ROADWAY

TO SR 112 ROCKFISH RD.

EXISTING R/W

WOODS

FALLOW

CULTIVATED

REVISIONS

3/25/2022: PARCELS 40A, 41, 45, 46, 60 PUE REVISED; PARCELS 40A, 41, 59, 60, 62 TCE REVISED; PARCELS 45, 46 DUE ADDED; PARCELS 45, 59, 62 PDE REVISED; PARCEL 60 DUE REMOVED; PARCEL 60 PDE ADDED
1/5/2023: PARCELS 42, 42A, AND 42B CHANGED TO PARCEL 41
3/15/2023: PARCELS 62, 70, 71, 72, AND 80 CHANGED TO PARCEL 59
3/21/2023: PARCEL 60 CHANGED TO PARCEL 58

Y:\JOBS\2021\21055E_NCDOT_U3422.RW Staking_Cumberland\SURVEY\DGN\WORK\RW\RW SERIES SHEETS\u3422_ls_rw07.dgn
6/20/2023 7:16:07 AM
mtthews
JKA 042

DocuSign Envelope ID: A90AC800-EE1C-4180-8114-F0F1C3365F68

6/2/99

REVISIONS

9/30/2021: PARCEL OWNER ADDED; PARCEL 68
3/25/2022: PARCEL 71 PUE, DUE AND TCE REVISED, PDE ADDED; PARCEL 72 PUE REMOVED
10/27/2022: PARCELS 64, 65, & 72 CA ADDED; PARCELS 66, 67, & 71 CA REVISED; PARCELS 64-67 & 71 ROW REVISED; PARCELS 64, 67, 71 PUE REVISED; PARCELS 65-66 PDE REVISED; PARCELS 64-67 & 71-72 TCE REVISED

C:\Users\matthews\AppData\Local\Temp\20155E_NCDOT_U3422_Rw Staking_Cumberland\SURVEY\DGN\WORK\RW SERIES SHEETS\u3422_ls_rw08.dgn
matthews AT JKA-042

NOTES:

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2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 06FEB2023 TO 19JUN2023.

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

NAD 83/2011

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MATCHLINE SHEET 7 -L- STA. 75+00.00

MATCHLINE SHEET 9 -L- STA. 89+00.00

75+00 80+00 85+00

N 72°18'12" E 251.20'

N 76°08'28" E 21.41'

N 34°25'18" W 295.78'

N 30°50'47" W 289.45'

N 00°40'08" E 316.80'

N 71°53'19.2" E

N 84°54'12" E 480.86'

S 80°55'02" W 103.67'

S 30°50'47" E 68.37'

S 04°23'22" W 351.79'

S 15°05'54" W 79.24'

S 72°24'38" E 22.95'

-L- PC Sta. 84+01.81

-L- PT Sta. 88+58.22

-L-
PI Sta 86+31.79
Δ = 17° 26' 00.9" (RT)
D = 3° 49' 11.0"
L = 456.41'
T = 229.98'
R = 1,500.00'
e = 4%
Lr = 168.00'

INSET B

MATCHLINE SEE INSET B

MATCHLINE

59 BARBARA M. JOHNSON, HEIRS DB 3762 PG 93

59 BARBARA M. JOHNSON, HEIRS DB 2856 PG 539 DB 10121 PG 543

69 PELICAN PROPERTY HOLDINGS, LLC DB 3675 PG 134 DB 8973 PG 322

61 INCREASING WORD MINISTRY DB 10314 PG 20

59 BARBARA M. JOHNSON, HEIRS DB 2638 PG 59

57 FELIX MANYWEATHER II DB 9738 PG 188 PB 124 PG 184

63 JULIA UELTZEN, ET VIR DB 10908 PG 387 PB 124 PG 184

64 BRUNHILDE BARNEY LIFE ESTATE, ET AL DB 10917 PG 358 PB 74 PG 63

64 BRUNHILDE BARNEY LIFE ESTATE, ET AL DB 10917 PG 358 PB 74 PG 63

65 BARBARA M. JOHNSON, HEIRS DB 10121 PG 543 DB 2856 PG 539

66 KARLA COLEMAN JOHNSON DB 10449 PG 854

65 BARBARA M. JOHNSON DB 2756 PG 343

SR 1003 CAMDEN RD 22' PAVED ROADWAY

2' PAVED SHOULDER

10' GR

EXISTING R/W

0.28' R/W TO BE REMOVED

NO RETAINING WALL

OUTFALL STRUCTURE TOP=5.50

WOODS

BST

48" CONC

EIP

EIR

EX. R/W

PUE

DUE

PDE

E

-L- +63.00 45.00' LT & 66.00' LT & 77.00' LT
-L- +01.00 77.00' LT
-L- +60.00 45.00' LT & 63.00' LT
-L- +25.00 68.00' LT
-L- +20.00 45.00' LT
-L- +35.00 77.00' LT
-L- +25.00 63.00' LT
-L- +52.00 63.00' LT
-L- +85.00 68.00' LT
-L- +75.00 45.00' LT
-L- +01.81 45.00' LT
-L- +25.00 74.00' LT
-L- +06.00 71.00' LT
-L- +83.00 45.00' LT
-L- +08.00 45.00' LT & 63.00' LT & 77.00' LT
-L- +69.00 45.00' LT & 77.00' LT
-L- +58.22 45.00' LT
-L- +98.00 91.00' RT
-L- +84.00 52.45' RT & 68.00' RT
-L- +05.03 EX. R/W
-L- +25.00 95.00' RT
-L- +30.00 54.00' RT
-L- +95.00 100.00' RT
-L- +40.00 45.00' RT & 67.00' RT
-L- +81.00 65.00' RT
-L- +37.00 45.00' RT
-L- +24.00 60.00' RT
-L- +02.00 62.00' RT & 68.00' RT
-L- +80.00 45.00' RT
-L- +83.00 62.00' RT & 69.00' RT
-L- +02.00 64.00' RT
-L- +25.00 64.00' RT
-L- +00.00 45.00' RT
-L- +08.63 60.00' RT
-L- +15.00 45.46' RT
-L- +20.00 46.22' RT
-L- +14.39 62.66' RT
-L- +10.00 45.00' RT
-L- +90.00 57.00' RT
-L- +97.00 45.00' RT & 66.00' RT
-L- +18.00 75.00' RT
-L- +58.00 75.00' RT
-L- +15.00 57.00' RT
-L- +59.00 407.00' RT
-L- +20.00 522.00' RT
-L- +92.00 510.00' RT
-L- +95.00 553.00' RT
-L- +30.00 627.00' RT
-L- +78.37 19.75'
-L- +12.41 18.53'
-L- +06.58 41.77'
-L- +05.03 78.84'
-L- +39.13 42.87'
-L- +39.65 37.19'

DocuSign Envelope ID: 67D2A526-9F69-4EC0-BC09-B98C1D892F9D

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW09

Location and Surveys

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

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940448...

Professional Land Surveyor L-3259

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-3259 LAND SURVEYOR STEPHEN R. WOLFE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

3/25/2022: PARCELS 71, 80–82, 84–86 PUE REMOVED; PARCELS 73–77 PUE REVISED; PARCEL 71, 73, 80 TCE REVISED; PARCELS 73, 80, 81 TUE ADDED; PARCEL 84 DUE REVISED; PARCEL 73 PUE REVISED & TCE REMOVED
10/27/2022: PARCEL 67 ROW, PUE, & TCE REVISED; PARCEL 73 PUE REVISED & TCE REMOVED

19-JUN-2023 13:47 I:\2017\17-0155E_NCDOT_U3422_RW Staking_Cumberland\SURVEY\DGN\WORK\RW\RW SERIES SHEETS\u3422_ls_rw09.dgn
mathews AT JKA-042

6/2/99

NAD 83/2011

MATCHLINE SHEET 8 –L– STA. 89+00.00

MATCHLINE SHEET 10 –L– STA. 102+00.00

-L- PC Sta. 101+00.28

90+00 95+00 100+00

59 BARBARA M. JOHNSON, HEIRS DB 723 PG 139

82 CLIFTON E. McCLAIN, ET UX DB 2923 PG 715 PB 41 PG 49

81 DONNA C. HICKS DB 8063 PG 751 PB 41 PG 49

84 RAEFORD BUILDERS, LLC. DB 10224 PG 709 PB 41 PG 49

85 LONNIE D. CHAVIS, ET UX DB 7004 PG 610 PB 41 PG 49

86 RICHARD L. MIRAGLIOTTA, ET UX DB 9658 PG 184 PB 41 PG 49

65 BARBARA M. JOHNSON, HEIRS DB 10121 PG 543 DB 2856 PG 539

73 STACI R. CAGLE, ET VIR DB 9721 PG 324 PB 135 PG 2

74 GWENDOLYN D. HENRY, ET AL DB 10480 PG 130 PB 135 PG 2

75 ALBERT McCALL III, ET UX DB 4680 PG 828 PB 95 PG 32

76 ALBERT McCALL JR., ET UX DB 2495 PG 21 PB 95 PG 32

77 BIG DEAL PROPERTIES, LLC DB 11320 PG 722

78 BRAGG SHOPS PLAZA, LLC DB 11381 PG 166

79 BRAGG SHOPS PLAZA, LLC DB 11381 PG 166

SR 1003 CAMDEN RD 22' PAVED ROADWAY 2' PAVED SHOULDER

SR 1003 CAMDEN RD 32' PAVED ROADWAY 2' PAVED SHOULDER

N 89°19'20" E

S 87°58'45" E 200.37'

S 87°58'45" E 100.77'

N 89°12'18" E 222.61'

N 89°12'18" E 199.52'

N 89°12'18" E 233.33'

N 89°18'18" E 94.37'

S 86°37'59" E 91.48'

S 86°37'59" E 94.36'

S 86°37'59" E 118.05'

S 86°52'35" E 91.55'

S 86°52'35" E 32.90'

R=2955'

R=3045'

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 06FEB2023 TO 19JUN2023.

DocuSign Envelope ID: 2A01288A-1BD4-4CDC-8227-5D54F1857AFF

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

3/25/2022: PARCELS 85, 87-93, 95, 96, 99, 100, 105 PUE REMOVED; PARCELS 79, 86, 94, 97, 98, 101, 103, 104, 106 PUE REVISED; PARCEL 89 OWNER CHANGE; PARCEL 90 REMOVED

8/11/2022: PARCELS 92-94 ROW REVISED & TECE REVISED; PARCEL 94 PUE REVISED

9/20/2022:

19-JUN-2023 16:05
Z:\NCDOT2017\U3422\SURVEY\DGN\WORK\RW_SERIES SHEETS\u3422_ls_rw10.dgn
matthews
AT_IKA-042

MATCHLINE SHEET 9 -L- STA. 102+00.00

MATCHLINE SHEET 11 -L- STA. 116+00.00

NAD 83/2011

-L- PT Sta. 107+76.57

-L- PC Sta. 114+82.88

-L-
PI Sta 104+39.87
Δ = 12° 54' 58.2" (LT)
D = 1° 54' 35.5"
L = 676.29'
T = 339.58'
R = 3,000.00'
e = 3%
Lr = 126.00'

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

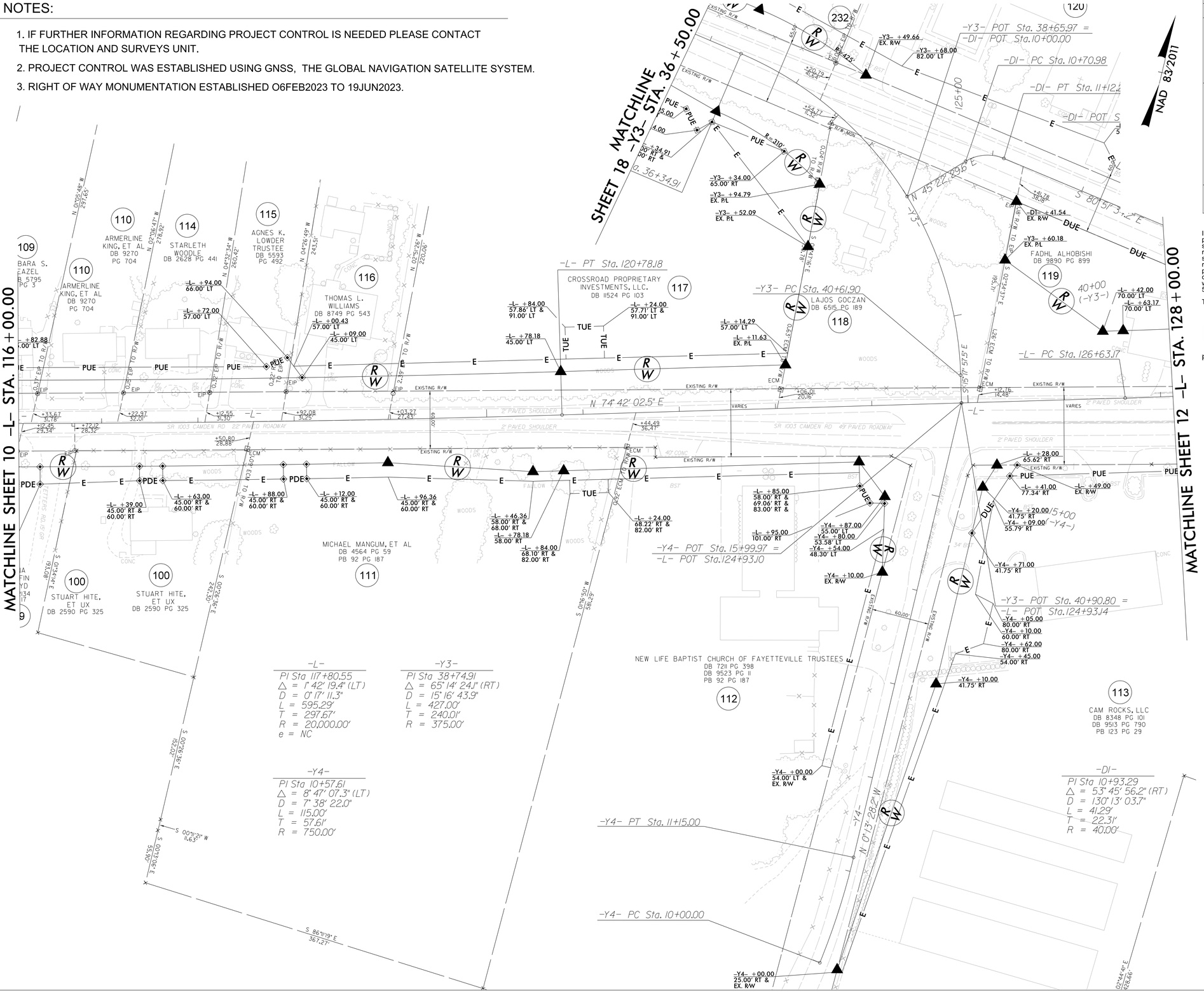
NOTES:

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3. RIGHT OF WAY MONUMENTATION ESTABLISHED 06FEB2023 TO 19JUN2023.

DocuSign Envelope ID: A4E4B430-C676-449B-AF14-889954FCB82A

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 O6FEB2023 TO 19JUN2023.



REVISIONS	
9/30/2021:	ROW AND TCE REVISED; PARCEL 113
3/25/2022:	PARCELS 100, 111, 119 PUE REMOVED; PARCELS 112, 116, 117 PUE REVISED; PARCELS 100, 111-112, 117 TCE ADDED;
8/2022:	PARCELS 112, 113, & 117 PUE REVISED; PARCELS 112, 113, & 232 TCE REVISED; PARCEL 113 DUE REVISED; PARCEL 232 PUE REMOVED
1/31/2023:	PARCEL 113 ROW REVISED, DUE REVISED, TCE REVISED
4/19/2023:	PARCEL 117 TCE REVISED

19-JUN-2023 16:27:01 55E_NCDOT_U3422_RW Staking_Cumberland\SURVEY\DGN\WORK\RW\RW SERIES SHEETS\u3422_ls_rw11.dgn
matthews
JKA-042

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

DocuSign Envelope ID: C7211D2B-705F-4F2D-9FB2-206D7E954A49

6/2/99

REVISIONS

3/5/2022: PARCELS 122, 124–125, 127–130 PUE REMOVED; PARCELS 123, 126, 131, 134 PUE REVISED; PARCEL 123, 127–128, 130 TCE REVISED; PARCELS 123, 128–129, PDE ADDED; PARCEL 123 TUE ADDED; PARCEL 131 & 134 PUE REVISED; PARCEL 134 PDE ADDED; PARCEL 133 REMOVED
8/12022: PARCELS 113 & 130 TCE REVISED; PARCELS 113 & 131 PUE REVISED; PARCEL 130 PUE ADDED
8/11/2022: PARCEL 134 PDE ADDED; PARCEL 133 REMOVED
3/15/2023: PARCELS 128–130 CHANGED TO PARCEL 127
3/21/2023: PARCELS 124 & 125 PUE ADDED AND TCE REVISED

19-JUN-2023 16:18
C:\Users\mmathews\Desktop\6155E_NCDOT_U3422_RW Staking_Cumberland\SURVEY\DGN\WORK\RW SERIES SHEETS\u3422_ls_rw12.dgn
mmathews
ALT_JKA_042

MATCHLINE SHEET 11 –L– STA. 128+00.00

MATCHLINE SHEET 13 –L– STA. 142+00.00

MATCHLINE SHEET 19 –Y5– STA. 14+50.00

NAD 83/2011

PROJECT REFERENCE NO.	SHEET NO.
U–3422	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–3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-
PI Sta 129+65.94
△ = 6° 55' 50.0" (LT)
D = 1° 08' 45.3"
L = 604.81'
T = 302.77'
R = 5,000.00'
e = RC
Lr = 84.00'

-Y5-
PI Sta 13+04.39
△ = 38° 16' 15.9" (LT)
D = 14° 19' 26.2"
L = 267.18'
T = 138.79'
R = 400.00'

-D2-
PI Sta 11+26.66
△ = 32° 24' 19.6" (RT)
D = 22° 50' 00.0"
L = 141.92'
T = 72.91'
R = 250.93'

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 06FEB2023 TO 19JUN2023 .

DocuSign Envelope ID: FDC61CF9-5731-4767-BAB3-6F76C37C0440

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

REVISIONS

3/25/2022: PARCELS 146-152,155 DUE REMOVED; PARCELS 152,155,159 PUE REMOVED; PARCELS 150,153,154,156,158 PUE REVISED; PARCEL 151,153,154,155 TCE REVISED; PARCEL 150,152 TCE ADDED; PARCELS 146-151,155 PDE ADDED
8/1/2022: PARCEL 146 PDE REVISED; PARCELS 147, 149, 151, 152, 154, & 156 OWNER CHANGE; PARCELS 148 & 155 REMOVED
3/1/2023: PARCEL 140 PUE REVISED

U:\JOB\2017\5170155E_NCDOT_U3422_RW Staking_Cumberland\SURVEY\DGN\WORK\RW\RW SERIES SHEETS\u3422_ls_rw13.dgn
6/20/2023 2:07:17 PM
mmatthews
AT JKA-042

6/2/99

MATCHLINE SHEET 12 -L- STA. 142+00.00

MATCHLINE SHEET 14 -L- STA. 156+00.00

MATCHLINE BB SHEET 13A

NAD 83/2011

-L- N 67° 46' 12.5" E

MELISSA HAM, ET VIR
DB 8809 PG 691
PB 88 PG 128
146

JOHN P. BURNSIDE, ET UX
DB 11037 PG 478
DB 11039 PG 185
PB 104 PG 195
147

STEPHEN DOLLINGER, ET UX

STEPHEN DOLLINGER, ET UX
DB 11403 PG 557
PB 104 PG 195
149

KEITH STOUGH, ET UX
DB 6584 PG 546
150

PHILLIP PATRICK LEE
DB 11218 PG 349
151

SPRINGS PROPERTY MANAGEMENT, LLC
DB 11474 PG 239
152

DANIEL C. BROWN
DB 2727 PG 63
153

SPRINGS PROPERTY MANAGEMENT, LLC
DB 10299 PG 393
154

JEFFREY W. WRIGHT
DB 10477 PG 092
156

DARNELL McNEIL, ET UX
DB 10869 PG 370
PB 97 PG 69
157

JAE KUN CHOE
DB 6426 PG 830
PB 97 PG 69
159

JAMES KENNETH HOLLINGSWORTH, ET AL
DB 11542 PG 203
PB 97 PG 69
158

LUISE P. SIMMONS, HEIRS
DB 1034 PG 365
PB 25 PG 74
135

STEVEN GAYNOR
DB 11594 PG 353
PB 25 PG 74
136

MICHAEL J. CORBETT, ET AL
DB 11460 PG 847
PB 25 PG 74
137

LINDSAY'S RETROFIT SERVICES, LLC.
DB 11266 PG 793
PB 25 PG 74
138

JAMES E. EMANUEL
DB 4680 PG 440
139

ELLIS E. EHLE, JR.
DB 7823 PG 852
PB 7 PG 78
140

TRACEY LAURELES, ET VIR
DB 9310 PG 104
PB 65 PG 56
141

REFUEL OPERATING COMPANY, LLC
DB 11272 PG 639
PB 65 PG 56
142

CHAE S. DILLON, ET VIR
DB 4542 PG 635
PB 119 PG 192
143

DOGWOOD PARTNERS OF FAYETTEVILLE, LLC
DB 8720 PG 811
PB 129 PG 75
144

VERTEX PROPERTIES, LLC.
DB 11235 PG 747
PB 142 PG 138
145

SR 1003 CAMDEN RD. 24' PAVED ROADWAY

SR 1003 CAMDEN RD. 37' PAVED ROADWAY

2' PAVED SHOULDER

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 06FEB2023 TO 19JUN2023.

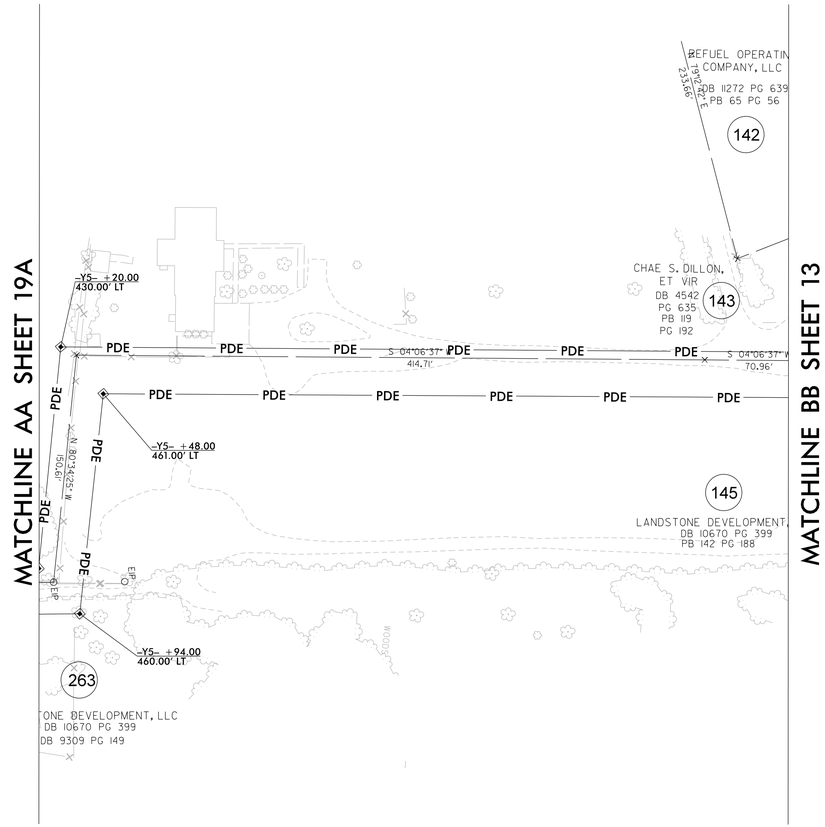
DocuSign Envelope ID: FCF50445-7E52-42A8-B072-B058D9EE1458

6/2/99

REVISIONS

9/30/2021: PARCEL BOUNDARY REVISED; PARCEL 143

19-JUN-2023 16:27
Z:\NCDOT_U3422_Rw_Staking_Cumberland\SURVEY\DGN\WORK\RW\RW SERIES SHEETS\u3422_ls_rw13A.dgn
matthews
AT JKA-042



PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW13A

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-3259 LAND SURVEYOR STEPHEN R. WOLFE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/2011

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

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 06FEB2023 TO 19JUN2023.

DocuSign Envelope ID: 9AE9E629-E914-4F18-BD08-8F6742809E1B

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

REVISIONS

3/25/2022: PARCELS 159,160,161,169 PUE REMOVED; PARCELS 162,163,168 PUE AND TCE REVISED
8/1/2022: PARCELS 167 & 168 TCE AND ROW REVISED

6/19/2023 10:47:55 AM
matthews
U3422_1s_rw14.dgn
AT JKA-042

MATCHLINE SHEET 13 -L- STA. 156+00.00

MATCHLINE SHEET 15 -L- STA. 170+00.00

NAD 83/2011

N 67°46'12.5" E -L-

N 66°21'37" E 150.15'

S 66°21'37" W 517.39'

N 87°38'27" E 142.58'

N 61°06'44" W 244.29'

N 14°53'53" W 126.42'

N 14°12'12" W 63.27'

N 14°10'00" W 39.76'

N 14°08'24" W 350.12'

-L- PC Sta. 162+65.19

-L- PT Sta. 167+09.54

160+00

165+00

JAE KUN CHOE
DB 6426 PG 830
PB 97 PG 69
159

JOHN S. CARRO
DB 7605 PG 757
PB 97 PG 69
164

WICHAI LEECHAROEN, ET UX
DB 9669 PG 524
PB 97 PG 69
165

AUTRIE L. PERRY, ET UX
DB 5758 PG 500
PB 97 PG 69
166

ANGELA TYNDALL
DB 9105 PG 292
PB 7 PG 78
167

DANIEL N. NORTON, ET UX
DB 2594 PG 169
PB 7 PG 78
168

GARDNER HOLDINGS, LLC.
DB 11391PG 378
PB 7 PG 78
169

LANDSTONE, LLC.
DB 11235 PG 753
PB 125 PG 194
161

LANDSTONE, LLC
DB 8064 PG 809
PB 124 PG 175

LANDSTONE, LLC
DB 8064 PG 809
PB 124 PG 175
163

MDC NC3, LP
DB 11314 PG 405
DB 10261PG 493
PB 125 PG 194
160

MDC NC3, LP
DB 11314 PG 405
DB 10261PG 493
PB 125 PG 194

VERTEX PROPERTIES, LLC.
DB 11235 PG 747
PB 142 PG 138
145

CYNDILEE MCKINNEY
DB 10566 PG 386
PB 125 PG 194
162

EL TIO INVESTMENTS, LLC
DB 8689 PG 571
PB 129 PG 161

SR 1003 CAMDEN RD. 48' PAVED ROADWAY

SR 1003 CAMDEN RD. 36' PAVED ROADWAY

2' PAVED SHOULDER

EXISTING R/W 20' ELECTRICAL EASEMENT

EXISTING R/W

VARIES

80.00'

100.00'

70.00'

50.00'

-L-
PI Sta 164+87.77
△ = 8° 29' 11.3" (LT)
D = 1° 54' 35.5"
L = 444.35'
T = 222.58'
R = 3,000.00'
e = 3%
Lr = 126.00'

R= 2955'

R= 3045'

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 06FEB2023 TO 19JUN2023.

DocuSign Envelope ID: FE12DA0D-B53F-433F-A707-3BE6CAA557A4

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 5th day of July, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

NAD 83/2011

REVISIONS

9/30/2021: PARCEL OWNERS ADDED, PARCELS 186 AND 189-194; TCE REVISED ON PARCEL 186
11/8/2021: PUE REVISED ON PARCEL 185
3/25/2022: PARCELS 169,172-174,178,179,188 PUE REMOVED; PARCELS 169,173,174 DUE REMOVED, PARCEL 175 TCE REMOVED AND DUE REVISED; PARCELS 163,170,171,175,176,177,180,181,184,185,187,188 PUE REVISED; PARCELS 163,171,172,177-179,185,188 TCE REVISED; PARCELS 173,174 PDE AND TCE ADDED; PARCELS 170,180,181 TCE ADDED
8/1/2022: PARCELS 171, 174, 175, 177, 180, 181, & 187 ROW REVISED; PARCEL 177 PDE REVISED, AND TCE REVISED
8/1/2022: PARCEL 190 OWNER CHANGE; PARCEL 191 REMOVED
11/21/2022: PDE REVISED ON PARCELS 169 & 177; PARCELS 189, 190, 192, 193, & 194
3/21/2023: PARCEL 184 CHANGED TO PARCEL 183; OWNER 183 NAME CHANGED

6/2/99

MATCHLINE SHEET RW14 -L- STA. 170+00.00

MATCHLINE SEE INSET C

MATCHLINE SHEET RW16 -L- STA. 184+00.00

INSET C

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 06FEB2023 TO 19JUN2023.

DocuSign Envelope ID: F1B02F2D-8DC8-4F64-95F6-41C2CD26856C

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R WOLFE

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 06FEB2023 to 18SEP2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of September, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

NAD 83/2011

REVISIONS

3/25/2022: PARCELS 203,210-213 PUE REMOVED; PARCELS 188,209 PUE REVISED; PARCELS 188,203,212,213,283 TCE REVISED
8/1/2022: PARCELS 201, 202, 206 & 215-217 ROW REVISED; PARCELS 203,206,208 & 214-219 TCE REVISED; PARCELS 208 & 214 PARCELS 215 & 216 DUE REMOVED; PARCELS 215-217 PUE ADDED; PARCEL 206 PUE REMOVED
9/25/2023: PARCELS 213 & 283 ROW CHANGE; PARCEL 197 OWNER CHANGE; PARCELS 198 & 207 REMOVED

2023.09.25 08:07:17 -04'00'
matthews
AT JKA-242

MATCHLINE SHEET RW15

MATCHLINE SHEET RW17

-L- STA. 184+00.00

-L- STA. 198+00.00

NDA A BRADFORD, DB 9885 PG 240, PB 17 PG 2

188 WATUS H. PARKER, DB 2296 PG 517, PB 17 PG 2

209 MARY L. FOWLER, LIFE ESTATE, DB 6482 PG 411, PB 17 PG 2

210 LOUIS FRANGOS, DB 9892 PG 695, PB 17 PG 2

211 LOUIS FRANGOS, DB 10184 PG 24, PB 17 PG 2

212 CHRISTOPHER R. HOLLOWAY, ET UX, DB 4944 PG 400

213 ALTON ALVA HARTNESS, DB 3368 PG 2, PB 17 PG 2

283 BLEDSOE, KIMBERLY F; ROSS, SABRINA F; RUSSELL, SHANNON FOWLER; FOWLER, JASON R, DB 13E PG 266, PB 120 PG 141

214 HAROLD KIDD, ET UX, DB 3755 PG 477

215 JFC, LLC, DB 8536 PG 885, PB 120 PG 141

216 JUAN MACIAS, DB 3952 PG 869, PB 71 PG 7

217 FIVE RIDDLES III, INC., DB 7472 PG 212, PB 106 PG 117

195 JANET K. WILLIAMS, DB 9058 PG 524, PB 17 PG 4

196 PHILLIP NORWOOD SMITH, DB 4853 PG 384, PB 17 PG 4

176 JANET K. WILLIAMS, DB 8679 PG 218, PB 17 PG 4

197 JERRY LEON EDGE / TARHEEL BUILDERS, DB 3615 PG 537, DB 11498 PG 392, PB 17 PG 4

199 RUTH A. LIND, DB 4128 PG 709, PB 17 PG 4

200 WILLIAM R. WESTBROOK III, ET UX, DB 7140 PG 770, PB 87 PG 15

201 WILLIAM R. WESTBROOK III, ET UX, DB 7140 PG 770, PB 87 PG 15

202 STORESMART FAYETTEVILLE NC, LP

203 HALLIE ARTLEY, ET AL, DB 3280 PG 328, DB 63 PG 9

204 HAROLD KIDD, ET UX, DB 4124 PG 563, PB 133 PG 142

205 VILLAGE COMPANY, LLC, DB 4731 PG 167, PB 89 PG 29

206 BRYANT RESTURANTS, INC., DB 5282 PG 357, PB 60 PG 91

205 VILLAGE COMPANY, LLC, DB 4731 PG 167, PB 89 PG 29

208 LANDPOINTE, LLC, DB 5890 PG 735, PB 60 PG 91

SR 1003 CAMDEN RD. 48' PAVED ROADWAY

STATE ST. 22' PAVED ROADWAY

THOMAS ST. 36' BST

-L-
PI Sta 199+14.18
Δ = 12° 33' 07.6" (RT)
D = 3° 10' 59.2"
L = 394.34'
T = 197.96'
R = 1,800.00'
e = 3%
Lr = 126.00'

-L- PC Sta. 197+16.22

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 06FEB2023 TO 18SEP2023.

DocuSign Envelope ID: D4C1DCDC-161D-46C2-85A0-0244223203C1

NOTES:

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3. RIGHT OF WAY MONUMENTATION ESTABLISHED 06FEB2023 TO 19JUN2023.

NAD 83/2011

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

9/30/2021: TCE REVISED, PARCELS 218 AND 219
3/25/2022: PARCELS 218, 219 PUE REVISED AND TCE REVISED
6/2/2023: PARCELS 218 & 219 TCE REVISED, PARCEL 217 PUE ADDED, PARCEL 218 PUE REMOVED, PARCEL 219 PUE REVISED

U3422_RW17.dgn
User:mathews
Date/Time: 6/2/2023 7:17:17 AM
mathews
DGN: JKA-042

6/2/99

MATCHLINE SHEET 16 -L- STA. 198+00.00

MATCHLINE SEE INSET D

-L- PI Sta 203+18.92
△ = 23° 32' 24.5" (RT)
D = 5° 43' 46.5"
L = 410.85'
T = 208.37'
R = 1,000.00'
e = EXISTING
Lr = NA

-L- POT Sta. 209+19.99

-L- PCC Sta. 201+10.56

-L- PT Sta. 205+21.41

205+00

N 80°30'34" E 106.00'

N 78°47'16" E 47.89'

N 73°16'04" E 66.10'

N 85°45'40" W 93.97'

S 10°03'21" E 147.00'

S 80°03'21" E 150.00'

S 03°26'39" W 74.38'

S 03°26'39" W 59.58'

S 84° 37' 26.8" E

S 84°30'24" E 209.00'

N 02°29'36" E 373.83'

S 02°29'36" W 196.81'

S 02°29'36" W 216.20'

APPROX. RUN OF CREEK

Permanent Drainage Easement Per U-2308

EXISTING R/W

217
FIVE RIDDLES III, INC.
DB 7472 PG 212
PB 106 PG 117

219
W HOPE MILLS REALTY LIMITED PARTNERSHIP
DB 6020 PG 214
PB 71 PG 7

218
McDONALDS REAL ESTATE CO.
DB 2791 PG 210
DB 8219 PG 116
DB 9879 PG 89

208
CAROLINA BLUE SKY, LLC.
DB 10973 PG 581
PB 60 PG 91

H & G PROPERTIES
DB 6833 PG 733
PB 114 PG 121

LUMINA3001 LLC
DB 10141 PG 135
PB 97 PG 84

SMITH FAMILY CONSERVANCY LLC
DB 8330 PG 779
(DB 3609 PG 479)

RAYMOND LLOYD MYRICK
DB 2632 PG 811

DB 5535 PG 21 PERMANENT UTILITY -E-

SR 1003 CAMDEN RD. (SR PAVED ROADWAY VARIES)

10' CONC HW

GRASS

INSET D

MATCHLINE

EXISTING R/W

DocuSign Envelope ID: FC78325B-29F4-47DE-8F7D-35F90F2686C8

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW17A

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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
308B875F3940446...

Professional Land Surveyor L-3259

NAD 83/2011

6/2/99

REVISIONS

3/25/2022: PARCEL 228 & 235 PUE REMOVED AND TCE ADDED; PARCEL 223 TUE ADDED
8/1/2022: PARCEL 220 PUE REVISED AND TCE REVISED; PARCEL 223 TUE REVISED PUE REMOVED AND TCE REVISED; PARCEL 234 PUE REMOVED
6/23/2023: PARCEL 220 PUE REVISED, TCE REMOVED; PARCEL 233 TUE REMOVED, TCE REVISED; PARCEL 234 TCE REVISED

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mmatthews
6/20/2023 12:07:37 PM
Layout: RW17A

-Y3- POT Sta. 10+00.00

S 02°01'47" W 107.32'

N 15°47'46" E 424.12'

15+00 (-Y3-)

20+00 (-Y3-)

S 80°18'24" E 100.00'

S 80°18'24" E 100.40'

S 80°18'24" E 199.60'

S 80°37'58" E 111.00'

N 09°41'36" E 250.00'

N 09°41'36" E 245.80'

N 09°41'36" E 249.43'

N 09°41'36" E 248.69'

N 09°23'21" E 1046.54'

N 09°23'21" E 219.63'

N 09°23'21" E 219.85'

N 10°11'46" E 663.37'

MARION R. STARLING, ET UX DB 9302 PG 517

MARION R. STARLING, ET UX DB 11320 PG 172

MARION R. STARLING, ET UX DB 10063 PG 464

BILLY H. BAREFOOT, ET UX DB 2403 PG 126

BILLY H. BAREFOOT, ET UX DB 5645 PG 75

235 PAMELA LUCKIE DB 5808 PG 838 PB 81 PG 125

228

DOROTHY SMITH GRANT DB 3842 PG 799 PB 41 PG 49

KEVIN A. GRANT, ET UX DB 5057 PG 807 PB 41 PG 49

ANTHONY CHARLES DIETZ DB 10004 PG 65 PB 41 PG 49

CYNTHIA O. BAYSA DB 4682 PG 819 PB 41 PG 49

WINFORD BULLARD, JR. ET UX DB 9829 PG 746 PB 41 PG 49

AMBER LYNN TOOTHE, ET VIR DB 11191 PG 358 PB 41 PG 49

EDWARD N. SYED, ET UX DB 4252 PG 311 PB 41 PG 49

BILLY H. BAREFOOT, ET UX DB 2416 PG 60 PB 41 PG 49

DALE EDWARD BARTLETT, ET UX DB 3754 PG 142

TAMELA FAYE ESPARZA DB 6364 PG 493 PB 104 PG 184

233

234 TAMELA J. MASON DB 5616 PG 540 PB 104 PG 184

-Y3- +40.00 EX. R/W & 45.00' LT

-Y3- +40.00 EX. R/W & 45.00' RT

-Y3- +70.00 45.00' RT

-Y3- +27.95 EX. P/L

-Y3- +27.95 EX. P/L

0.84' EIP TO R/W

0.17' EIP TO R/W

0.57' EIP TO R/W

0.02' R/W TO EIP

0.37' EIP TO R/W

0.45' EIP TO R/W

9.94' EIP TO R/W

0.47' R/W TO EIP

0.38' EIP TO R/W

0.31' EIP TO R/W

EXISTING R/W

60.00'

WOODS

CONC

BST

EIP

TBM10

BY2-37

BY2-38

TO SR 1108 LAKEWOOD DR

SR 1112 ROCKFISH RD. 22' PAVED ROADWAY

S 07°01'15" W 26.72'

S 09°30'10" W 200.00'

S 09°24'56" W 200.00'

S 09°24'56" W 199.89'

S 09°24'56" W 199.78'

S 09°24'56" W 199.67'

S 09°24'56" W 199.56'

S 01°43'15" W 200.24'

S 01°43'15" W 325.88'

S 01°32'15" W 250.28'

S 09°30'15" W 184.38'

S 09°30'15" W 440.82'

S 80°29'50" E 93.72'

S 80°29'50" E 120.00'

S 80°35'00" E 100.01'

S 80°35'00" E 99.90'

S 80°35'00" E 100.00'

S 80°35'00" E 100.08'

S 80°35'00" E 100.24'

S 80°35'00" E 144.59'

S 81°25'58" W 51.38'

S 08°34'02" E 15.55'

S 85°01'19" W 127.99'

MATCHLINE SHEET 18 -Y3- STA. 22 + 50.00

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 06FEB2023 TO 19JUN2023.

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6/2/99

REVISIONS

3/5/2022: PARCELS 221–224 & 232 PUE REVISED; PARCELS 221, 231, 232 TCE REVISED; PARCELS 228–231 PUE REMOVED; PARCELS 228–230 TCE ADDED; PARCEL 231 DUE REMOVED, PDE ADDED, TUE ADDED
8/12/2022: PARCELS 221, 222, & 232 TCE REVISED; PARCELS 220–227 PUE REVISED; PARCEL 117 TUE ADDED AND DUE REVISED; PARCEL 232 PUE REVISED
2/3/2023: PARCEL 220 PUE REVISED, TCE REMOVED
4/19/2023: PARCEL 117 TCE REVISED

DRAWN BY: jmatthews
CHECKED BY: JKA-042
DATE PLOTTED: 6/19/2023 @ 10:48:41 AM
FILE NAME: c:\projects\3422_RW Staking_Cumberland\SURVEY\DGN\WORK\RW SERIES SHEETS\u3422_ls_rw18.dgn

PROJECT REFERENCE NO.	SHEET NO.
U-3422	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-3259 LAND SURVEYOR STEPHEN R. WOLFE

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19h day of June, 2023.

DocuSigned by:
Stephen Wolfe
3086875F3940446...

Professional Land Surveyor L-3259

NAD 83/2011

-Y3-
PI Sta 38+74.91
△ = 65° 14' 24.1" (RT)
D = 15° 16' 43.9"
L = 427.00'
T = 240.01'
R = 375.00'

MATCHLINE SHEET 17A -Y3- STA. 22 + 50.00

MATCHLINE SHEET 11 -Y3- STA. 36 + 50.00

25+00 (-Y3-)
30+00 (-Y3-)
35+00 (-Y3-)

228 DICKENS FAMILY TRUST DB 11397 PG 56 PB 81PG 125
229 WILLIAM ERNEST CARLTON DB 3641PG 629
230 AVY PORTER OFFENHAUSER DB 9391PG 82 PB 39 PG 72
231 JAMES R. HARRIS, ET UX DB 2941PG 345 PB 39 PG 72
232 MARION R. STARLING, ET UX DB 9275 PG 649 PB 39 PG 72

220 ABRAHAM BENZAQUEN I, ET UX DB 2631PG 595
221 WILLIE CARL HOBBS, ET UX DB 2047 PG 9
222 CHARLES H. BAKER DB 7420 I27
223 RANDY L. NOBLES, ET UX DB 9590 PG I8
224 SUSAN L. HAMBLIN DB 10895 PG 257
225 SUSAN L. HAMBLIN DB 10895 PG 260
226 CLAUDE P. RULE, ET UX DB 2743 PG 106
227 JIN HONG HUANG DB 9877 PG 283
117 CROSSROAD PROPRIETARY INVESTMENTS, LLC. DB 11524 PG 103

SR 2246 TROPHAN RD 22' PAVED ROADWAY
SR 1112 ROCKFISH RD 24' PAVED ROADWAY
SR 2350 TROPHAN RD 22' PAVED ROADWAY

-Y3- PT Sta. 36+34.91

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 06FEB2023 TO 19JUN2023.

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6/2/99

REVISIONS

PARCEL NUMBER REVISED; PARCEL 140
9302021: PARCELS 140,243-247,282 PUE REMOVED; PARCELS 123,241,242,248,249 PUE REVISED; PARCEL 244 TCE REVISED; PARCELS 245-249, 282 TCE ADDED; PARCELS 244,245 TUE ADDED; PARCEL 284 ACCESS ELIMINATED
3252022: PARCEL 239 REMOVED
8102022: PARCEL 242 ROW/CA & TCE REVISED
12202023: PARCEL 242 CHANGED TO PARCEL 128
12122023: PARCELS 140, 243, AND 244 PUE AND TCE REVISED; PARCEL 237 PUE REVISED

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NAD 83/2011

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 06FEB2023 to 19JUN2023, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of June, 2023.

DocuSigned by:
Stephen Wolfe
30B6875F3940446...

Professional Land Surveyor L-3259

PROJECT REFERENCE NO.	SHEET NO.
U-3422	RW19

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-3259 LAND SURVEYOR STEPHEN R. WOLFE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MATCHLINE SHEET 12 –Y5– STA. 14+50.00

MATCHLINE SHEET 19A –Y5– STA. 28+50.00

15+00 (–Y5–)

20+00 (–Y5–)

25+00 (–Y5–)

S 80°37' 08.2" E

SR 1112 ROCKFISH RD. 33' PAVED ROADWAY

SR 1112 ROCKFISH RD. 22' PAVED ROADWAY

123 CHARLES E. KOONCE, ET AL DB 2252 PG 337 PB 25 PG 74

243 NIXON TAVAREZ, ET UX DB 7229 PG 332

244 CHRISTIAN TABERNACLE OUTREACH MINISTRY DB 9965 PG 390

284 DAHLIA L STRATTON ATKINS, RANEY GLENN TURLINGTON DB 5244 PG 197

245 DANNY FRANK TERRY, ET UX DB 7969 PG 611

140 ELLIS E. EHLE, JR. DB 7823 PG 852 PB 7 PG 78

247 ROBERT D. HIGHSMITH DB 5174 PG 204 PB 72 PG 154

DAVID J. LENIHAN DB 9945 PG 443 PB 72 PG 154

248 DOUGLAS L. HORNE, ET AL DB 7344 PG 521 PB 72 PG 154

249 CHRISTOPHER J. WALLACE, ET UX DB 10311 PG 322 PB 72 PG 154

236 ROXIE VENDETTI DB 5632 PG 549 PB 22 PG 71

237 CUMBERLAND COUNTY BOARD OF EDUCATION DB 2710 PG 366 PB 22 PG 71

238 THOMAS W. FAUCETTE DB 7808 PG 114 PB 98 PG 200 PB 99 PG 114

240 DEMI JONES DB 10396 PG 214 PB 99 PG 114

241 IGLESIA DE DIOS NUBE DE GLORIA DB 10545 PG 676 PB 98 PG 200 PB 72 PG 76

DEAVER CIRCLE APARTMENTS, LLC DB 9877 PG 72 PB 22 PG 71

CHURCH OF GOD, TRUSTEES DB 3451 PG 542 PB 7 PG 78

STURBRIDGE DR. 30' PAVED ROADWAY

NOTES:

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