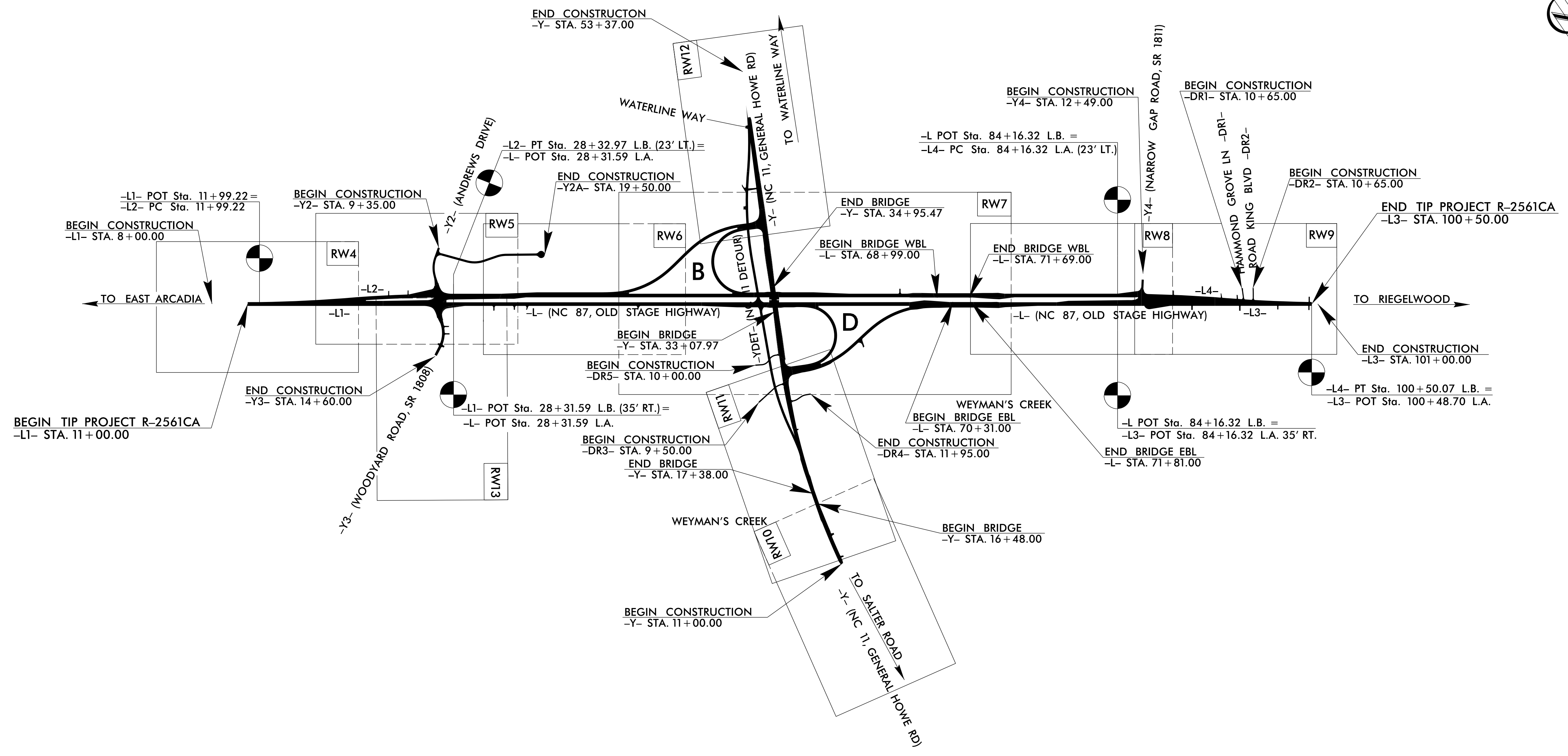
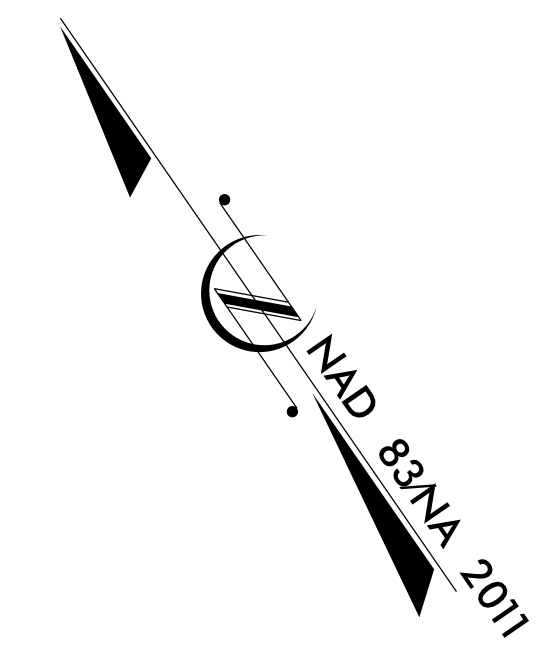


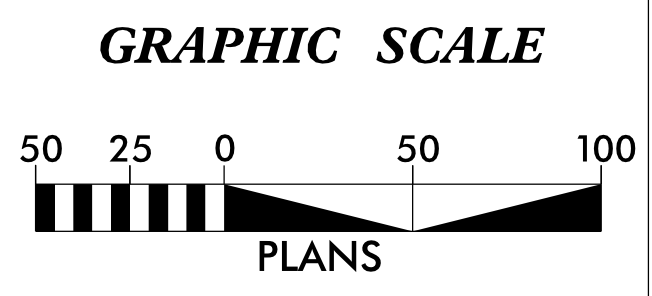
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2561CA	RW01	18

TIP PROJECT: R-2561CA

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
 SURVEY CONTROL, EXISTING CENTERLINES,
 RIGHT OF WAY, EASEMENTS AND PROPERTY TIES
COLUMBUS COUNTY



17-AUG-2022 08:08
 PA2021\NCDOT_Location_and_Surveys\R-2561CA RW Staking 22107.30\80-Drawings\FOR REVIEW\Revision_081622\1r_2561ca_ls_rw01_220817.dgn
 amoor AT RAL-WS094



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "R2561CA-103" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 231,695,1995(ft) EASTING: 2,213,797,9805(ft) ELEVATION: 52.70(ft)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999914351
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R2561CA-103" TO -L1- STATION 7+00 IS S 52°06'34.2" E 356.63(ft)
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
 VERTICAL DATUM USED IS NAVD 88 GEOID G12NC

Prepared in the Office of:

1223 Jones Franklin Rd.
 Raleigh, N.C. 27606
 License No. F-0377
 Bus: 919 851 8077
 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

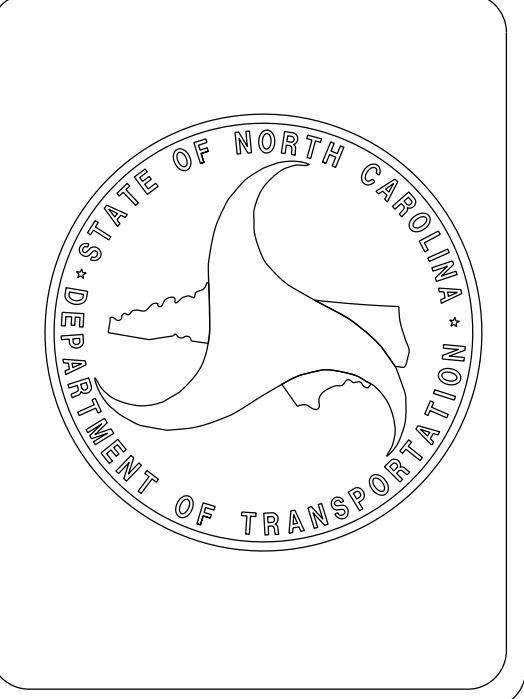
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: 10/28/2019
LETTING DATE: 10/18/2022

PROFESSIONAL LAND SURVEYOR

DocuSigned by:
 Anthony K. Alford
 228A295F084AE

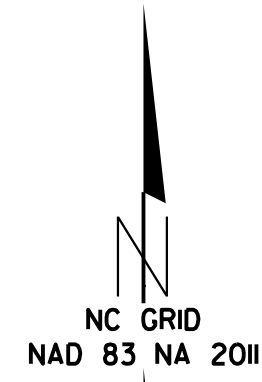
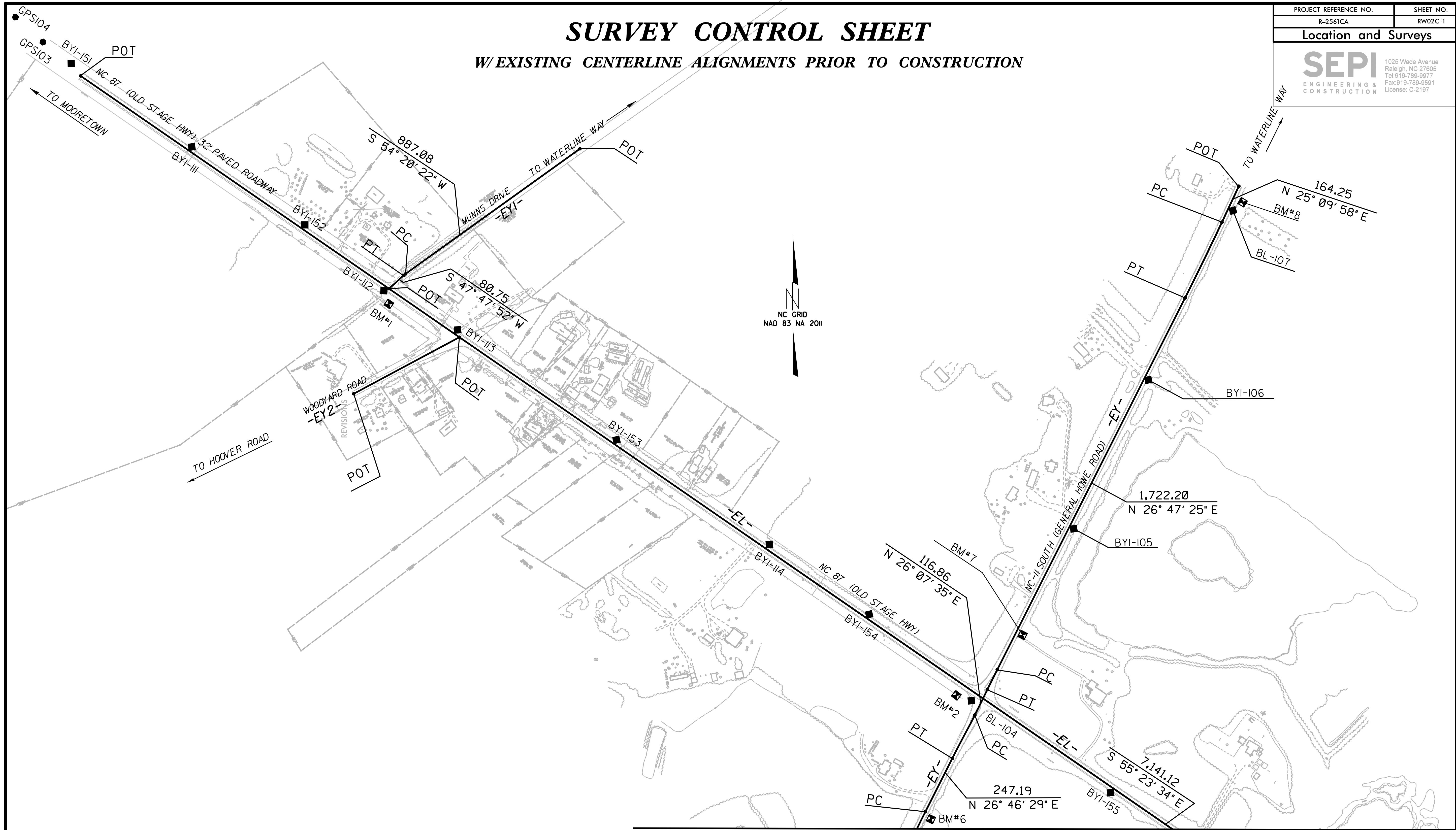
8/17/2022
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SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-2561CA	SHEET NO. RW02C-1
Location and Surveys	
1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197	



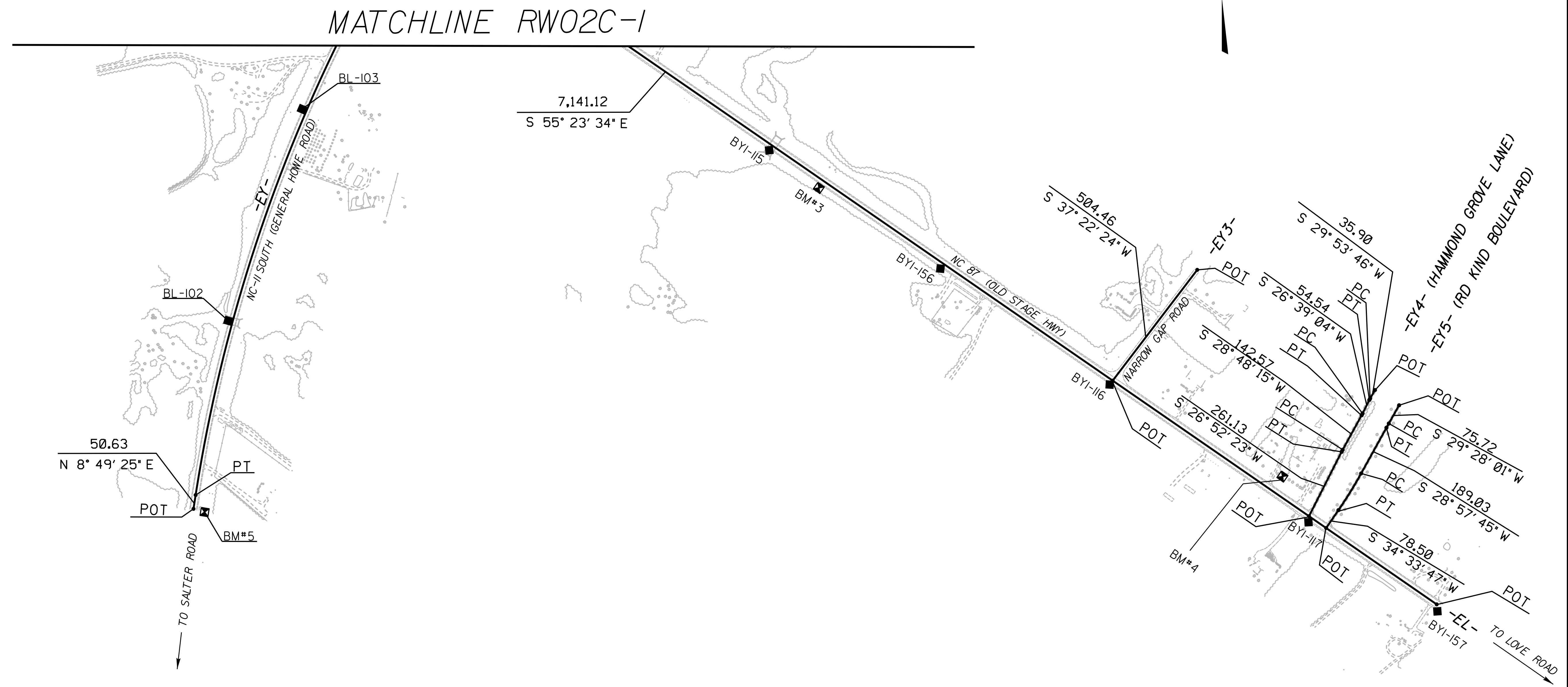
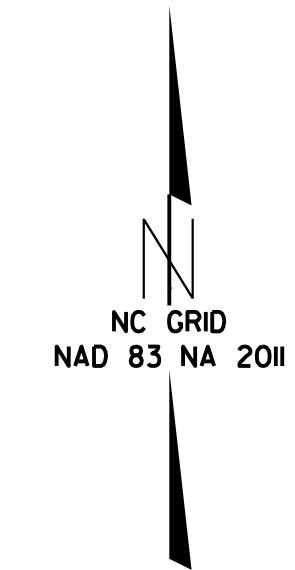
MATCHLINE RW02C-2

NOTES:

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

SURVEY CONTROL SHEET


W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



- NOTES:**
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
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SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-2561CA	RW02C-3
Location and Surveys	
	
1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197	

BL	POINT	DESC.	NORTH	EAST	ELEVATION	BY STATION	OFFSET
BL101	BL-101		226656.2775	2217271.3381	25.49	61+84.61	2130.30 RT
BL102	BL-102		227196.1951	2217392.5411	22.94	59+88.08	1613.02 RT
BL103	BL-103		227961.7455	2217659.6756	33.17	57+88.93	827.04 RT
BL104	BL-104		228721.7620	2218009.6590	36.67	56+61.94	0.00
BL105	BL-105		229432.9361	2218432.9374	37.15	55+26.35	816.42 LT
BL106	BL-106		230048.4763	2218741.4627	38.88	53+64.82	1485.74 LT
BL107	BL-107		230748.8576	2219091.7136	39.56	51+80.41	2246.79 LT

BY	POINT	DESC.	NORTH	EAST	ELEVATION	BY STATION	OFFSET
GPS103	R2561CA-103		231695.1995	2213797.9805	52.70	5+00.00	0.00
BY1151	BY1-151		231356.7835	2214287.2651	45.92	10+94.92	0.00
BY1111	BY1-111		231012.0071	2214785.9902	39.12	17+01.21	0.00
BY1152	BY1-152		230689.6604	2215253.6650	43.04	22+69.22	0.00
BY1112	BY1-112		230417.4340	2215580.3811	46.15	26+94.48	0.00
BY1113	BY1-113		230255.5248	2215885.3208	46.80	30+39.74	0.00
BY1153	BY1-153		229800.4520	2216542.2398	42.44	38+38.89	0.00
BY1114	BY1-114		229367.4337	2217174.3400	40.99	46+05.08	0.00
BY1154	BY1-154		229078.7929	2217587.0183	39.35	51+08.68	0.00
ABL104	BL-104		228721.7620	2218009.6590	36.67	56+61.94	0.00
BY1155	BY1-155		228341.4836	2218585.1822	31.42	63+51.75	0.00
BY1115	BY1-115		227813.0101	2219352.3741	24.22	72+83.35	0.00
BY1156	BY1-156		227384.4857	2219972.6058	57.00	80+37.22	0.00
BY1116	BY1-116		226964.8981	2220585.4555	47.05	87+79.94	0.00
BY1117	BY1-117		226466.2267	2221305.9252	54.52	96+56.16	0.00
BY1157	BY1-157		226143.9132	2221772.8232	33.25	102+23.50	0.00
GPS102	R2561CA-102		225755.6266	2222372.1485	58.85	109+37.61	0.00

.....
 BM1 ELEVATION = 46.93
 N 230362 E 2215601
 BY STATION 27+39.00 39 RIGHT
 CHISELED X ON NORTH ANCHOR BOLT

.....
 BM2 ELEVATION = 38.19
 N 228744 E 2217948
 BY STATION 56+00.00 23 RIGHT
 CHISELED X ON NORTH ANCHOR BOLT

.....
 BM3 ELEVATION = 22.44
 N 227677 E 2219532
 BY STATION 75+09.00 10 RIGHT
 BENCH TIE SET IN 14' OAK

.....
 BM4 ELEVATION = 55.63
 N 226632 E 2221212
 BY STATION 94+84.00 83 LEFT
 BENCH TIE SET IN 26' PINE

.....
 BM5 ELEVATION = 27.01
 N 226503 E 2217307
 BL STATION 5+00.00
 S 13+10'17.5" E DIST 157.19
 BENCH TIE SET IN 14" PINE

.....
 BM6 ELEVATION = 35.49
 N 228232 E 2217843
 BL STATION 21+86.00 53 RIGHT
 BENCH TIE SET IN 14" PINE

.....
 BM7 ELEVATION = 38.39
 N 228994 E 2218222
 BL STATION 30+43.00 43 RIGHT
 BENCH TIE SET IN 10' OAK


.....
 BM8 ELEVATION = 41.04
 N 230783 E 2219131
 BL STATION 50+00.00
 N 49+02'25.7" E DIST 52.27
 BENCH TIE SET IN 16" PINE

NOTES:

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SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-2561CA	SHEET NO. RW02C-4
Location and Surveys	
	
1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197	

EL

POINT	N	E	BEARING	DIST
POT	231305.792	2214326.345		
LINE			S 55°23'34.3" E	1903.11
POT	230224.928	2215892.727		
LINE			S 55°23'34.3" E	7141.12
POT	226169.156	2221770.335		

EY

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	226514.871	2217266.898							
LINE			N 08°49'25.3" E	50.63					
PC	226564.899	2217274.664							
CURVE			N 17°47'57.0" E	1782.95	17°57'03.4"(RT)	01°00'09.7"	1790.26	902.52	5714.14
PT	228262.502	2217819.677							
LINE			N 26°46'28.7" E	247.19					
PC	228483.107	2217931.031							
CURVE			N 27°36'20.1" E	150.82	01°39'42.8"(RT)	01°06'06.6"	150.83	75.42	5200.00
PCC	228616.839	2218000.919							
CURVE			N 27°16'53.2" E	50.94	02°18'36.5"(LT)	04°32'03.8"	50.95	25.48	1263.58
PT	228662.116	2218024.270							
LINE			N 26°07'34.9" E	116.86					
PC	228767.036	2218075.729							
CURVE			N 26°27'30.1" E	92.71	00°39'50.4"(RT)	00°42'58.3"	92.71	46.36	8000.00
PT	228850.036	2218117.036							
LINE			N 26°47'25.3" E	1722.20					
PC	230387.376	2218893.278							
CURVE			N 25°58'41.8" E	348.67	01°37'27.1"(LT)	00°27'56.9"	348.69	174.35	12300.35
PT	230700.820	2219046.008							
LINE			N 25°09'58.2" E	164.25					
POT	230849.476	2219115.853							

EY1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	231004.368	2216391.059							
LINE			S 54°20'21.9" W	887.08					
PC	230487.215	2215670.319							
CURVE			S 51°04'06.8" W	11.41	06°32'30.2"(LT)	57°17'44.8"	11.42	5.71	100.00
PT	230480.044	2215661.442							
LINE			S 47°47'51.8" W	80.75					
POT	230425.800	2215601.624							

EY2

POINT	N	E	BEARING	DIST
POT	230224.928	2215892.727		
LINE			S 61°51'37.6" W	495.73
POT	229991.131	2215455.591		

EY3

POINT	N	E	BEARING	DIST
POT	227379.900	2220902.916		
LINE			S 37°22'23.6" W	504.46
POT	226979.005	2220596.705		

EY4

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	226945.117	2221547.030							
LINE			S 29°53'46.1" W	35.90					
PC	226913.990	2221529.135							
CURVE			S 28°16'24.9" W	5.66	03°14'42.4"(LT)	57°17'44.8"	5.66	2.83	100.00
PT	226909.003	2221526.452							
LINE			S 26°39'03.7" W	54.54					
PC	226860.260	2221501.989							
CURVE			S 27°43'39.3" W	7.52	02°09'11.2"(RT)	28°38'52.4"	7.52	3.76	200.00
PT	226853.608	2221498.493							
LINE			S 28°48'14.9" W	142.57					
PC	226728.681	2221429.801							
CURVE			S 27°50'19.0" W	8.43	01°55'51.7"(LT)	22°55'05.9"	8.43	4.21	250.00
PT	226721.230	2221425.867							
LINE			S 26°52'23.2" W	261.13					
POT	226488.300	2221307.832							


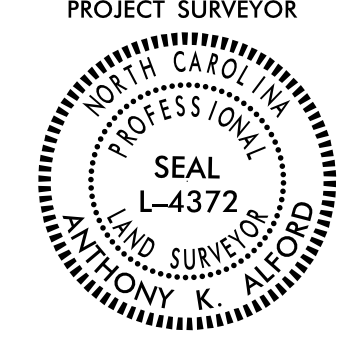
EY5

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	226889.680	2221634.164							
LINE			S 29°28'00.8" W	75.72					
PC	226823.755	2221596.916							
CURVE			S 29°12'53.0" W	17.60	00°30'15.5"(LT)	02°51'53.2"	17.60	8.80	2000.00
PT	226808.391	2221588.324							
LINE			S 28°57'45.3" W	189.03					
PC	226643.000	2221496.787							
CURVE			S 31°45'46.1" W	156.33	05°36'01.6"(RT)	03°34'51.6"	156.39	78.26	1600.00
PT	226510.081	2221414.493							
LINE			S 34°33'46.9" W	78.50					
POT	226445.432	2221369.957							

NOTES:

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PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. R-2561CA	SHEET NO. RW02D-1
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Anthony K. Alford, 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 23rd day of February, 2022.

DocuSigned by:

 228A2982F08A44E
 Professional Land Surveyor L-4372

L			
TYPE	STATION	NORTH	EAST
POT	28+31.59	230294.3523	2215853.7439
POT	84+16.32	227122.5240	2220450.3435

L1			
TYPE	STATION	NORTH	EAST
POT	7+00.00	231476.1758	2214079.4252
POT	28+31.59	230265.5450	2215833.8658

L2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	231305.7918	2214326.3448
PC	11+99.22	231192.6445	2214490.3173
PRC	20+16.09	230752.9637	2215178.5620
PT	28+32.97	230313.2828	2215866.8067

L3			
TYPE	STATION	NORTH	EAST
POT	84+16.32	227093.7167	2220430.4653
POT	100+44.23	226169.1560	2221770.3347
POT	103+44.23	225998.7720	2222017.2543

L4			
TYPE	STATION	NORTH	EAST
PC	84+16.32	227141.4545	2220463.4062
PRC	92+33.20	226654.0359	2221118.7100
PT	100+50.07	226166.6172	2221774.0138
POT	103+45.60	225998.7720	2222017.2543

Y			
TYPE	STATION	NORTH	EAST
POT	10+00.00	226514.8708	2217266.8978
PC	10+48.60	226562.8953	2217274.3527
PT	28+40.41	228261.8799	2217820.0636
PC	52+21.75	230387.6211	2218893.3947
PT	55+70.17	230700.8200	2219046.0079

Y2			
TYPE	STATION	NORTH	EAST
POT	9+23.00	230824.8468	2216144.7088
POT	10+00.00	230781.7962	2216080.8680
PC	11+07.58	230672.4392	2215928.4604
PT	13+31.18	230560.6548	2215841.4882
PC	13+66.61	230527.6729	2215828.5435
PT	14+58.61	230446.6332	2215785.4212
POT	15+22.86	230393.7548	2215748.9331

Y2A			
TYPE	STATION	NORTH	EAST
POT	9+99.22	230696.5642	2215962.0827
PC	12+58.19	230498.1825	2216128.5478
PT	14+07.90	230418.1941	2216252.4576
PC	15+20.22	230387.8241	2216360.5890
PT	16+00.29	230354.3030	2216432.9257
POT	19+55.36	230155.5525	2216727.1614

Y3			
TYPE	STATION	NORTH	EAST
POT	10+00.00	230336.7530	2215730.6716
PC	10+48.88	230296.5254	2215702.9130
PT	11+40.60	230213.2658	2215665.6750
PC	11+58.27	230196.0872	2215661.5234
PT	13+68.91	230034.3638	2215536.4242
POT	14+60.57	229991.1314	2215455.5913

Y4			
TYPE	STATION	NORTH	EAST
POT	10+00.00	227379.9003	2220902.9160
POT	14+48.22	227023.7017	2220630.8454

RPB			
TYPE	STATION	NORTH	EAST
TS	10+00.00	229650.1166	2216870.1218
SC	12+00.00	229543.9548	2217039.4376
CS	15+91.75	229461.8056	2217418.0323
SRS	17+91.75	229488.2464	2217616.1208
SC	19+91.75	229514.6872	2217814.2092
PT	23+80.09	229434.0836	2218189.7598
POT	25+78.41	229344.6927	2218366.7984

RPD			
TYPE	STATION	NORTH	EAST
TS	10+00.00	227918.9054	2219213.4769
SC	12+00.00	228025.0672	2219044.1611
CS	15+73.11	228107.8209	2218684.1939
SRS	17+73.11	228086.2583	2218485.5153
SC	19+73.11	228064.6956	2218286.8366
PT	23+42.81	228145.9037	2217929.9136
POT	24+92.89	228213.5473	2217795.9455

LPB			
TYPE	STATION	NORTH	EAST
TS	10+00.00	228897.5067	2217960.8008
SC	11+60.00	229000.5087	2217839.1806
CS	18+11.39	229434.3280	2218096.7504
ST	19+71.39	229376.8604	2218245.4057
POT	20+94.26	229321.4835	2218355.0796

LPD			
TYPE	STATION	NORTH	EAST
TS	10+00.00	228616.6480	2218202.3114
SC	11+60.00	228512.7581	2218323.0374
CS	17+51.29	228114.8191	2218086.7706
ST	19+11.29	228171.0766	2217937.7640
POT	20+57.22	228236.8490	2217807.5019

DR1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	226674.0609	2221401.9644
POT	10+78.57	226603.9764	2221366.4498
POT	12+08.25	226488.3002	2221307.8322

DR2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	226619.3812	2221483.6903
PC	10+25.68	226597.3379	2221470.5243
PT	11+29.39	226510.0810	2221414.4935
POT	12+07.90	226445.4320	2221369.9567

DR3			
TYPE	STATION	NORTH	EAST
POT	9+50.00	228126.7713	2217479.0806
POT	10+00.00	228133.5140	2217528.6239
PC	11+21.93	228149.9564	2217649.4388
PT	12+09.22	228136.6117	2217734.4582
POT	12+31.14	228127.1400	2217754.2350

DR4			
TYPE	STATION	NORTH	EAST
POT	10+00.00	227985.4298	2217689.6371
PC	10+38.42	227971.0179	2217725.2486
PT	10+75.87	227963.7197	2217761.7609
PC	11+11.47	227963.3630	2217797.3629
PT	11+54.07	227954.0152	2217838.5879
POT	11+99.81	227934.7012	2217880.0486

DR5			
TYPE	STATION	NORTH	EAST
POT	10+00.00	228399.2207	2217632.8785
PC	10+51.62	228372.8836	2217677.2728
PRC	11+28.60	228371.2479	2217750.9039
PT	12+00.50	228372.0587	2217820.0727
POT	12+50.15	228349.6793	2217864.3954


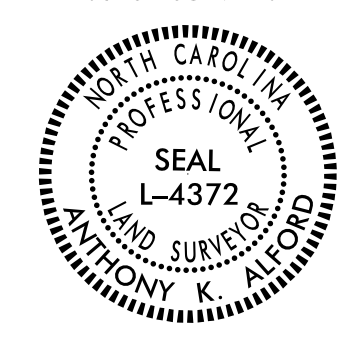
NOTES:

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

R:\E\2022\1137\Location and Surveys\AR-2561CA RW Staking 22107.30\80-Drawings\FOR REVIEW\AR-2561CA_1s_r\02d-1.dgn
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 AT RAL-WS014

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-2561CA	RW03E-1
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
<small>TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION</small>	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	28+35.00	-80.00	230358.2626	2215901.9838
L	29+03.37	100.00	230171.2790	2215856.0284
L	31+62.11	-80.00	230172.4826	2216171.2154
L	35+34.00	-92.00	229971.1448	2216484.1220
L	35+86.00	100.00	229783.5830	2216417.8757
L	38+00.00	-92.00	229820.0710	2216703.0574
L	44+00.00	100.00	229321.2746	2217087.8510
L	54+66.00	100.00	228715.8437	2217965.2388
L	60+50.00	-130.00	228573.4680	2218576.5367
L	65+57.00	-130.00	228285.5176	2218993.8331
L	66+17.00	-130.00	228251.4408	2219043.2170
L	76+00.00	-130.00	227693.1510	2219852.2883
L	76+00.00	130.00	227479.1539	2219704.6222
L	76+00.00	110.00	227495.6150	2219715.9815
L	84+16.32	-130.00	227229.5249	2220524.1731

NOT SET

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2A	10+45.00	-40.00	230687.2067	2216022.1514
Y2A	10+55.00	40.00	230628.1228	2215967.2962
Y2A	12+58.19	-40.00	230523.8943	2216159.1893
Y2A	12+58.19	40.00	230472.4707	2216097.9062
Y2A	13+61.96	49.73	230389.9818	2216187.6417
Y2A	13+66.59	40.00	230396.3876	2216196.7807
Y2A	14+07.90	-40.00	230456.7040	2216263.2735
Y2A	14+07.90	48.72	230371.2850	2216239.2826
Y2A	14+92.07	54.93	230342.5530	2216318.6410
Y2A	15+20.22	62.64	230327.5136	2216343.6520
Y2A	15+20.22	-40.00	230426.3340	2216371.4050
Y2A	16+00.29	69.06	230297.0763	2216394.2703
Y2A	16+00.29	-40.00	230387.4495	2216455.3156
Y2A	16+53.34	66.26	230269.6974	2216439.8025
Y2A	17+49.79	62.86	230218.5325	2216521.6307
Y2A	17+70.99	62.11	230207.2846	2216539.6195
Y2A	18+50.00	-63.00	230266.7324	2216675.1186
Y2A	18+50.00	-40.00	230247.6731	2216662.2445
Y2A	19+12.19	57.12	230132.3817	2216659.4122
Y2A	19+50.00	-63.00	230210.7577	2216757.9850
Y2A	19+50.00	55.79	230112.3221	2216691.4936

NOT SET (EXISTING IRON PIPE)

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L1	11+00.00	-60.00	231298.3811	2214442.7281
L1	11+00.00	-50.00	231290.1505	2214437.0487
L1	11+00.00	60.00	231199.6132	2214374.5746
L1	11+00.00	50.00	231207.8434	2214380.2548
L1	18+65.00	60.00	230765.1342	2215004.2197
L1	25+39.00	60.00	230382.3383	2215558.9658
L1	26+30.00	60.00	230330.6552	2215633.8648

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L2	11+99.22	-60.00	231242.0295	2214524.3927
L2	20+16.09	-60.00	230804.6416	2215209.0480
L2	24+00.00	-60.00	230603.0506	2215538.0964
L2	26+14.69	-99.00	230518.0733	2215740.6591
L2	27+67.00	-63.00	230402.6499	2215847.8874

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L3	90+00.00	75.00	226700.4913	2220868.2712
L3	90+00.00	65.00	226708.7208	2220873.9523
L3	100+50.00	50.00	226124.7230	2221746.6902
L3	100+50.00	65.00	226112.3771	2221738.1710

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L4	87+10.00	-60.00	227020.0920	2220738.2915
L4	92+33.20	-60.00	226700.8768	2221156.2058
L4	100+50.00	-60.00	226216.0401	2221808.0341
L4	100+50.00	-50.00	226207.8095	2221802.3547

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y	26+00.00	74.46	228014.3282	2217784.0698
Y	29+63.76	-75.61	228406.0745	2217808.1705
Y	35+44.00	130.00	228831.3581	2218253.2367
Y	41+50.00	-96.00	229474.1757	2218324.6337
Y	41+60.00	75.00	229406.0284	2218481.7863
Y	41+60.00	130.00	229381.2386	2218530.8828
Y	42+50.00	-84.00	229558.0333	2218380.4181
Y	42+50.00	-75.00	229553.9754	2218388.4547
Y	43+49.00	-75.00	229642.3504	2218433.0737
Y	44+09.00	-75.00	229695.9102	2218460.1172
Y	48+00.00	-75.00	230044.9415	2218636.3504
Y	48+00.00	75.00	229977.3329	2218770.2499

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	9+45.00	-18.80	230796.9588	2216136.9801
Y2	9+45.00	-30.00	230787.6736	2216143.2415
Y2	11+87.14	23.40	230691.7098	2215915.1801
Y2	11+88.59	40.00	230704.2533	2215904.1901
Y2	12+02.00	-40.00	230632.5995	2215942.1486
Y2	13+31.18	-40.00	230546.0409	2215878.7230
Y2	13+31.18	40.00	230575.2686	2215804.2533
Y2	13+48.83	40.00	230558.8411	2215797.8059
Y2	14+07.00	-46.00	230469.8487	2215852.8246

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	10+87.00	40.00	230281.0730	2215647.7405
Y3	11+40.60	40.00	230222.6621	2215626.7943
Y3	11+58.27	40.00	230205.4832	2215622.6426
Y3	11+85.00	40.00	230183.9816	2215616.2126
Y3	13+25.00	40.00	230089.7889	2215548.3906
Y3	13+25.00	26.56	230079.2296	2215556.7005

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4	12+75.00	40.00	227185.6384	2220704.2019
Y4	12+75.00	28.66	227178.7529	2220713.2164
Y4	13+22.00	40.00	227148.2875	2220675.6727
Y4	13+70.00	-31.40	227066.8021	2220703.2776

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPB	10+00.00	-75.00	229711.8468	2216912.7173
RPB	12+00.00	-85.00	229619.6585	2217078.0892
RPB	15+91.75	-85.00	229546.7205	2217414.2308
RPB	17+91.75	-85.00	229571.9234	2217601.1822
RPB	19+91.75	-85.00	229599.6021	2217810.4076
RPB	23+80.09	-85.00	229509.9599	2218228.0715

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPD	11+70.00	-78.00	227942.8020	2219032.6284
RPD	14+75.00	-75.00	228028.9002	2218773.9603
RPD	15+73.11	-75.00	228032.8362	2218685.7051
RPD	17+74.39	-74.95	228011.9839	2218495.6012
RPD	19+73.11	-75.00	227989.7109	2218288.3504
RPD	23+42.81	-75.00	228078.9540	2217896.1091
RPD	24+17.25	-75.00	228112.5047	2217829.6620

NOT SET


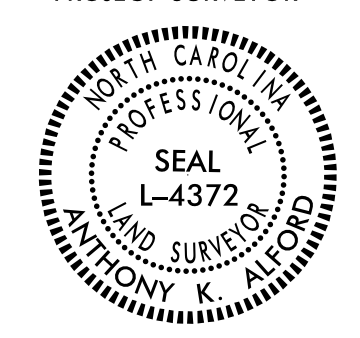
NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/18/2022 TO 02/10/2022 & 08/11/2022.

REVISIONS

P:\AUG-2022\14171\Location and Surveys\R-2561CA RW Staking 22107.30\08-Drawings\FOR REVIEW\Revision_081622\R-2561ca.ls_rw03e-1_220816.dgn
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RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-2561CA	RW03E-2
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
<small>TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION</small>	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	28+54.00	-80.00	230347.4716	2215917.6221
L	28+74.00	-146.00	230390.4350	2215971.5679
L	28+80.00	-80.00	230332.7050	2215939.0218
L	28+86.89	132.00	230154.3026	2215824.2872
L	28+92.00	-119.00	230357.9892	2215971.0485
L	29+12.00	-114.00	230342.5149	2215984.6701
L	29+17.00	-134.00	230356.1365	2216000.1443
L	33+15.00	122.00	229919.3891	2216182.3301
L	33+15.00	132.00	229911.1584	2216176.6506
L	34+50.00	122.00	229842.7163	2216293.4439
L	34+50.00	132.00	229834.4856	2216287.7645
L	47+57.00	132.00	229092.1796	2217363.5111
L	47+59.00	125.00	229096.8052	2217369.1328
L	51+50.00	177.00	228831.9387	2217661.4182
L	51+50.00	100.00	228895.3147	2217705.1501
L	53+43.00	203.00	228700.9253	2217805.5033
L	58+14.00	-166.00	228737.1337	2218402.7394
L	58+14.00	-146.38	228720.9892	2218391.5990
L	66+86.00	-150.00	228228.7153	2219111.3653
L	66+86.00	-165.00	228241.0613	2219119.8845
L	67+06.00	-150.00	228217.3564	2219127.8266
L	67+06.00	-165.00	228229.7024	2219136.3458
L	80+30.00	-162.00	227475.2721	2220224.3807
L	80+32.00	-148.00	227462.6133	2220218.0756
L	80+50.00	-164.00	227465.5593	2220241.9779
L	80+53.00	-148.00	227450.6864	2220235.3600
L	80+77.00	-148.00	227437.0557	2220255.1135
L	80+77.00	-130.00	227422.2405	2220244.8905
L	82+00.00	-148.00	227367.1983	2220356.3506
L	82+00.00	-130.00	227352.3831	2220346.1276

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y	11+66.00	74.96	226665.6955	2217367.3715
Y	21+09.00	94.00	227558.3820	2217621.6611
Y	21+18.00	104.00	227563.3805	2217634.0398
Y	21+66.00	85.00	227614.2313	2217632.1424
Y	21+66.00	74.61	227617.7908	2217622.3773
Y	22+85.00	-75.43	227782.0180	2217523.8789
Y	22+93.00	-98.00	227797.7692	2217505.7947
Y	22+94.00	-83.00	227793.2653	2217520.1386
Y	23+38.00	-117.00	227847.3894	2217504.9430
Y	23+48.00	-106.00	227852.7698	2217518.9427
Y	24+98.00	-116.00	227997.7758	2217568.4860
Y	24+98.00	-132.00	228004.1191	2217553.7972
Y	25+18.00	-117.00	228016.8951	2217575.6922
Y	25+18.00	-132.00	228022.8901	2217561.9423
Y	26+86.00	74.43	228091.3849	2217819.6602
Y	27+06.00	-153.00	228206.9286	2217622.7385
Y	27+06.00	-137.00	228200.0549	2217637.1867
Y	27+27.00	-139.00	228220.3217	2217644.6575
Y	27+27.00	-154.00	228226.8155	2217631.1361
Y	27+80.00	-75.60	228241.1761	2217725.2767
Y	28+24.87	-153.00	228316.5928	2217676.3164
Y	28+30.00	-162.00	228325.3403	2217670.6376
Y	29+00.00	-175.00	228393.9538	2217690.7080
Y	29+15.30	-166.00	228403.5551	2217705.6380
Y	40+86.00	166.00	229298.9555	2218529.6651
Y	40+86.00	130.00	229315.1815	2218497.5292
Y	41+14.00	130.00	229340.1761	2218510.1495
Y	41+14.00	166.00	229323.9500	2218542.2854
Y	43+76.00	-340.00	229785.8943	2218208.6875
Y	43+79.00	-345.00	229790.8259	2218205.5764
Y	43+95.00	-331.00	229798.7984	2218225.2853
Y	43+97.00	-336.00	229802.8373	2218221.7234
Y	48+31.00	-114.00	230090.1924	2218615.5090
Y	50+59.00	-108.00	230291.0152	2218723.6301
Y	50+60.00	-134.00	230303.6267	2218700.8716
Y	50+79.00	-107.00	230308.4178	2218733.5372
Y	50+81.00	-133.00	230321.9219	2218711.2294
Y	53+37.00	-75.00	230523.9129	2218877.5967

NOT SET

NOT SET

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L1	8+06.77	82.00	231348.0457	2214120.7309
L1	8+07.02	50.00	231374.2419	2214139.1107
L1	8+12.00	-50.00	231453.7190	2214200.0058
L1	8+12.00	-65.00	231466.0650	2214208.5250
L1	8+20.00	84.00	231338.8847	2214130.4855
L1	8+25.00	50.00	231364.0292	2214153.9110
L1	21+14.00	60.00	230623.7155	2215209.1630
L1	21+14.00	73.00	230613.0157	2215201.7797
L1	21+34.00	73.00	230601.6567	2215218.2410
L1	21+34.00	93.00	230585.1954	2215206.8821
L1	21+54.00	93.00	230573.8365	2215223.3434
L1	21+54.00	78.00	230586.1825	2215231.8626
L1	25+49.21	252.98	230217.7064	2215457.7697
L1	25+86.72	267.56	230184.3983	2215480.3567
L1	25+98.54	85.92	230327.1878	2215593.2436
L1	26+01.00	93.00	230319.9644	2215591.2537

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y2	9+35.00	21.33	230035.0210	2216122.8349
Y2	9+35.00	36.00	230847.9853	2216114.6320
Y2	9+75.00	36.00	230825.6213	2216081.4680
Y2	9+75.00	20.82	230813.0392	2216089.9526

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y4	12+49.00	46.00	227209.9426	2220715.2158
Y4	12+49.00	28.67	227199.4244	2220728.9863
Y4	13+38.00	-31.38	227092.2440	2220722.6867

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
RPB	21+18.00	-85.00	229594.1984	2217950.5486
RPB	21+81.00	-85.00	229582.8057	2218019.6603

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L2	15+38.00	-67.00	231060.6176	2214808.3618
L2	15+38.00	-87.00	231077.4023	2214819.2283
L2	16+00.00	-67.21	231027.4337	2214860.3054
L2	16+00.00	-87.00	231044.1023	2214870.9696
L2	21+39.00	-77.00	230755.8489	2215323.9151
L2	21+39.00	-93.00	230769.5420	2215332.1915
L2	21+60.00	-92.00	230757.7200	2215349.7802
L2	21+60.00	-78.00	230745.7518	2215342.5165
L2	25+20.00	-81.27	230555.6246	2215651.1469
L2	25+20.00	-98.00	230569.6493	2215660.2713

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L3	87+49.00	105.00	226818.3528	2220644.6450
L3	87+55.00	75.00	226839.6371	2220666.6218
L3	87+68.00	109.00	226804.2695	2220658.0114
L3	87+75.00	75.00	226828.2781	2220683.0831
L3	100+70.00	-50.00	226195.6707	2221819.9462

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L4	85+68.00	-127.00	227158.0589	2220661.1752
L4	88+03.00	-75.00	226976.7977	2220822.5612
L4	98+89.00	-83.00	226326.6687	2221690.1802
L4	98+89.00	-99.00	226339.7092	2221699.4509
L4	99+14.00	-98.00	226324.5541	2221719.0892
L4	99+14.00	-81.00	226310.6772	2221709.2692

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
RPD	11+58.00	-134.00	227888.8366	2219014.2826
RPD	11+91.00	-145.00	227892.5613	2218984.7207
RPD	12+25.00	-104.00	227941.9326	2218977.4990
RPD	12+38.00	-86.90	227962.2136	2218974.3094
RPD	12+75.00	-145.00	227920.7931	2218922.9292
RPD	12+96.00	-131.00	227939.9371	2218911.7717
RPD	12+99.00	-140.00	227932.2924	2218906.4212
RPD	15+53.00	-123.00	227984.9619	2218703.5201
RPD	20+01.00	-110.00	227954.6619	2218257.1202
RPD	20+01.00	-94.00	227970.6597	2218257.3864
RPD	20+19.00	-94.00	227971.2365	2218237.1629
RPD	20+19.00	-110.00	227955.2495	2218236.5169
RPD	21+45.00	-75.00	228007.2588	2218100.6758
RPD	21+49.00	-107.00	227976.8876	2218089.6461
RPD	21+60.00	-190.00	227898.7347	2218058.7622
RPD	21+85.00	-190.00	227906.2543	2218028.4149
RPD	21+90.00	-116.00	227979.2759	2218041.8275
RPD	21+92.00	-75.00	228019.4147	2218050.4848
RPD	22+02.00	-119.00	227980.1368	2218027.6727
RPD	22+02.00	-136.00	227963.8074	2218022.9451
RPD	22+20.00	-136.00	227969.9528	2218002.6250
RPD	22+20.00	-119.00	227986.1653	2218007.7390
RPD	22+40.00	-104.00	228007.5979	2217990.6537
RPD	22+40.00	-75.00	228035.0148	2218000.1042
RPD	22+63.00	-116.00	228005.2743	2217961.8059
RPD	23+06.00	-110.00	228029.6325	2217918.4081
RPD	23+06.00	-75.00	228061.6047	2217932.6483

NOT SET

NOT SET

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/18/2022 TO 02/10/2022 .

REVISIONS

P:\MIS-2022-10-26-Location and Surveys\R-2561CA RW Staking 22107.30\80-Drawings\FOR REVIEW\revised-r-2561ca-rs-rw03e-2-220301.dgn
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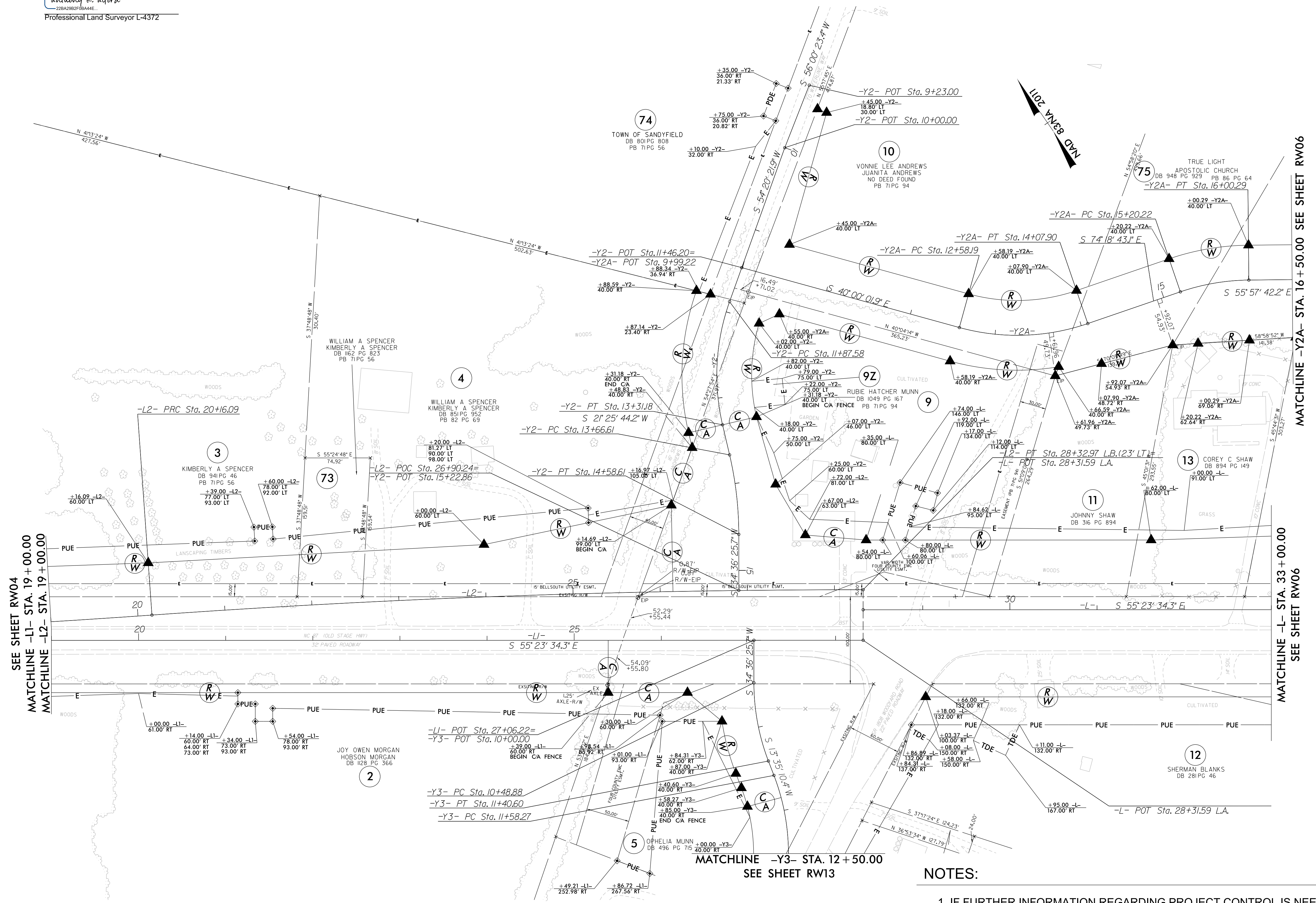
I, Anthony K. Alford, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from January 18, 2022 to February 10, 2022 and August 11, 2022 (revision), and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 17th day of August, 2022.

DocuSigned by:
Anthony K. Alford
228A2982F6844E
Professional Land Surveyor L-4372

PROJECT REFERENCE NO.	SHEET NO.
R-2561CA	RW05
Location and Surveys	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS



SEE SHEET RW04
MATCHLINE -L1- STA. 19 + 00.00
MATCHLINE -L2- STA. 19 + 00.00


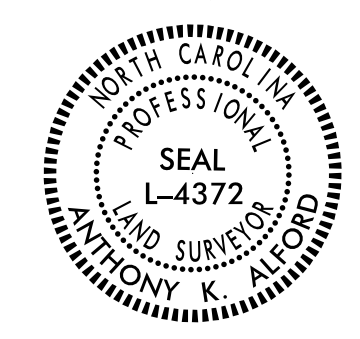
MATCHLINE -Y2A- STA. 16 + 50.00 SEE SHEET RW06
MATCHLINE -L- STA. 33 + 00.00
SEE SHEET RW06

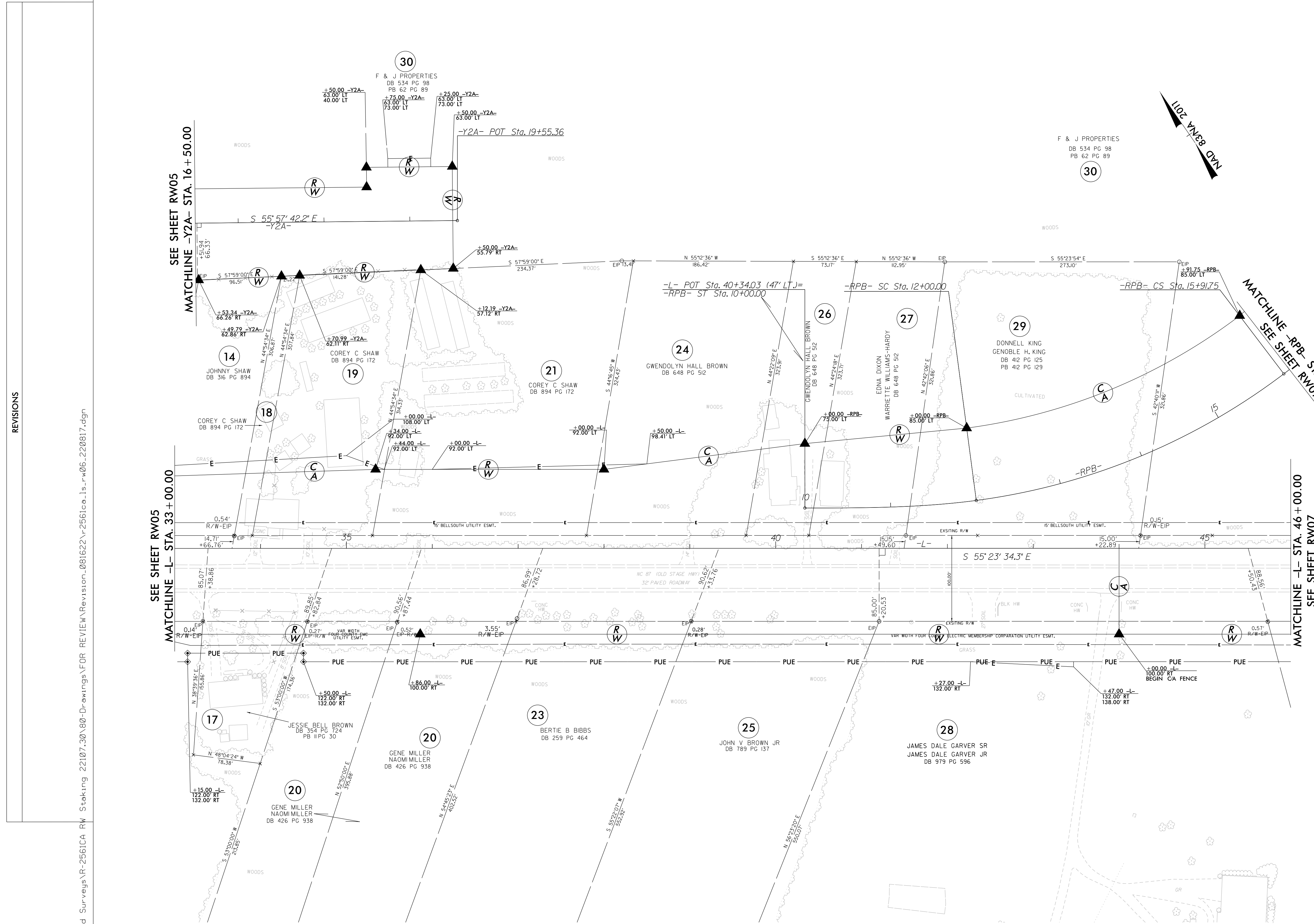
MATCHLINE -Y3- STA. 12 + 50.00
SEE SHEET RW13

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/18/2022 TO 02/10/2022 & 08/11/2022.

F:\AUGUST 2022 08:00 AM Section and Surveys\R-2561CA RW Staking 22107.30\80-Drawings\FOR REVIEW\Revision_081622\R-2561ca.ls_rw05_220817.dgn
AT RAL-WS934
amore

PROJECT REFERENCE NO.	SHEET NO.
R-2561CA	RW06
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
<small>TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION</small>	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



I, Anthony K. Alford, 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 January 18, 2022 to February 10, 2022 and August 11, 2022 (revision), and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 17th day of August, 2022.

DocuSigned by:
Anthony K. Alford
 228A29E2F8A44E
 Professional Land Surveyor L-4372



REVISIONS
 F:\AUGUST 2022 08:PG Section and Surveys\R-2561CA RW Staking 22107.30\80-Drawings\FOR REVIEW\Revision_081622\R-2561ca.ls_rw06_220817.dgn
 AT RAL-WS914

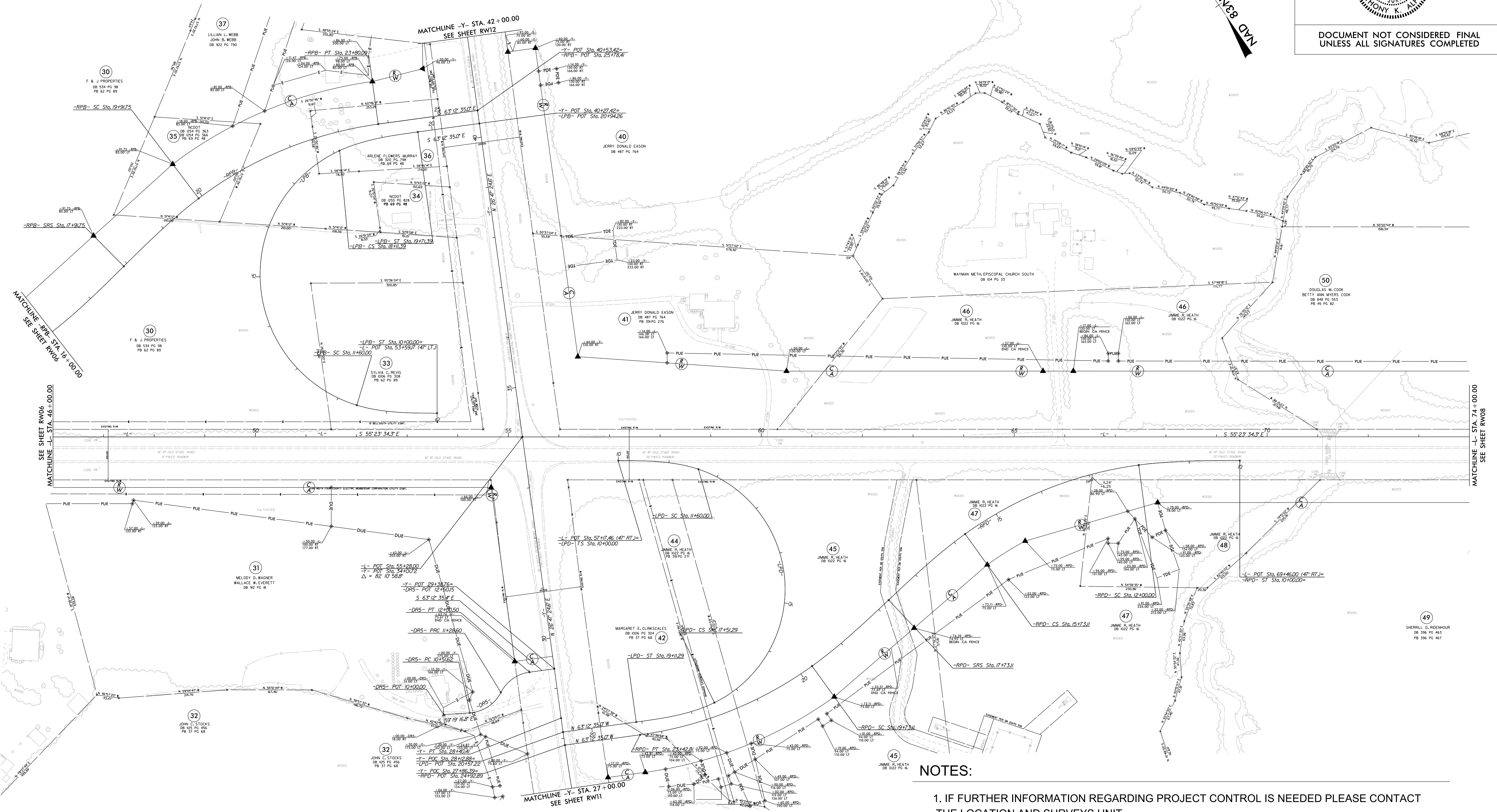
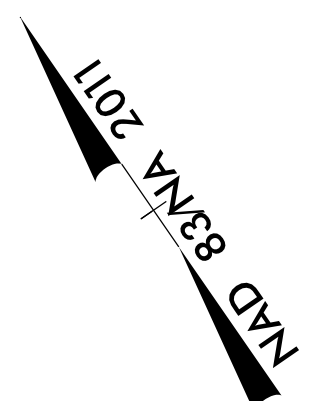
- NOTES:**
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
 2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
 3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/18/2022 TO 02/10/2022 & 08/11/2022.

I, Anthony K. Alford, 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 January 18, 2022 to February 10, 2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 23rd day of February, 2022.

DocuSigned by:
Anthony K. Alford
Professional Land Surveyor L-4372

PROJECT REFERENCE NO.	SHEET NO.
R-2561CA	RW07
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



- NOTES:**
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
 2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
 3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/18/2022 TO 02/10/2022 .

REVISIONS

P:\MVB_2022_10_01_Location and Surveys\R-2561CA RW Staking 22107.30\30-Drawings\FOR REVIEW\revised\2561ca.rw07_220301.dgn
6/2/2022 10:01 AM
AT RAL-WS914

I, Anthony K. Alford, 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 January 18, 2022 to February 10, 2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

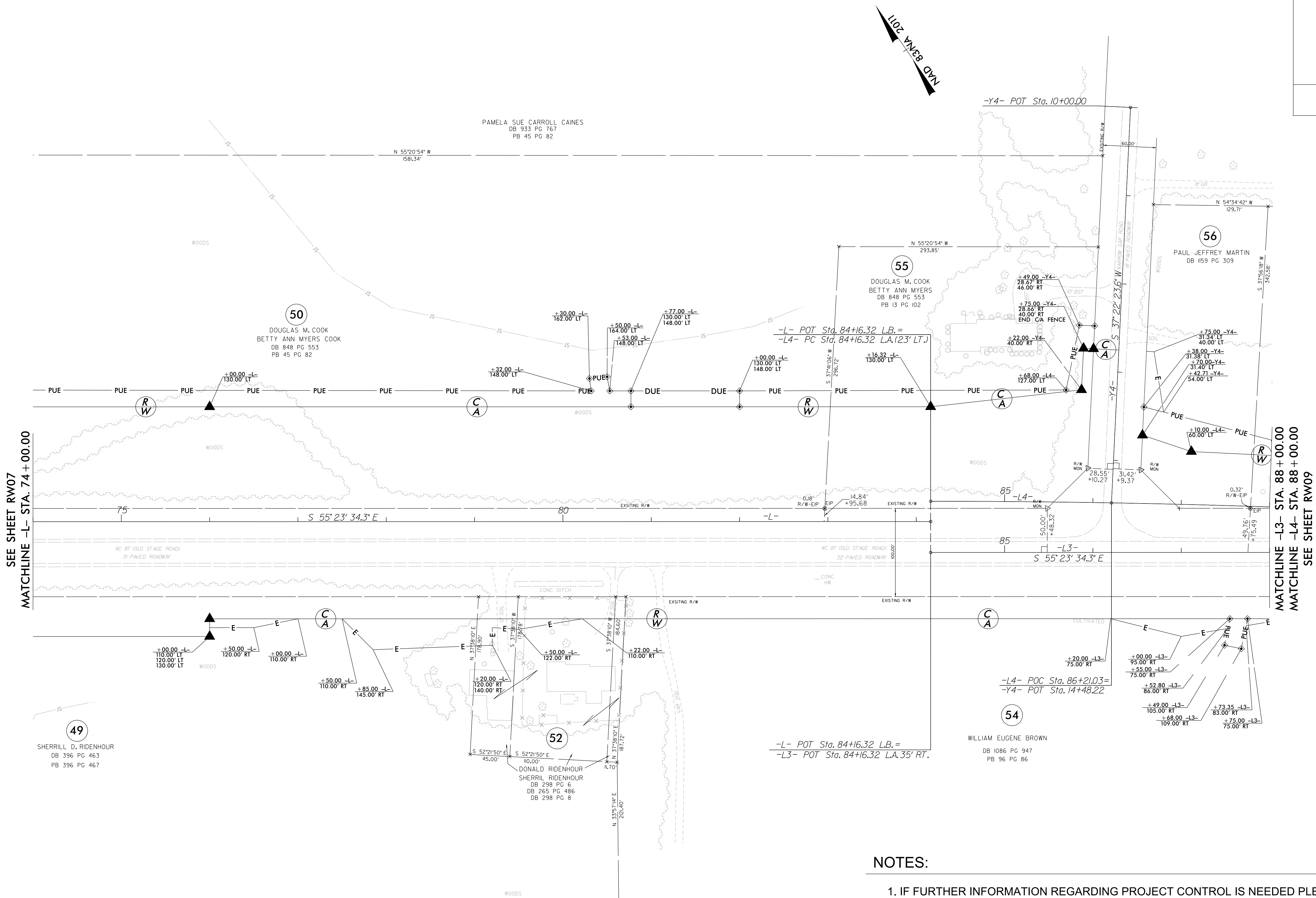
This 23rd day of February, 2022.

DocuSigned by:
Anthony K. Alford
22BA2982F-6BA44E
Professional Land Surveyor L-4372

PROJECT REFERENCE NO.	SHEET NO.
R-2561CA	RW08
Location and Surveys	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS

PLM05_2022_10_01_Location and Surveys\N-2561CA RW Staking 22107.30\180-Drawings\FOR REVIEW\revised\2561ca.rw08.220301.dgn
6/2/2021 11:00 AM
AT RAL-WS914
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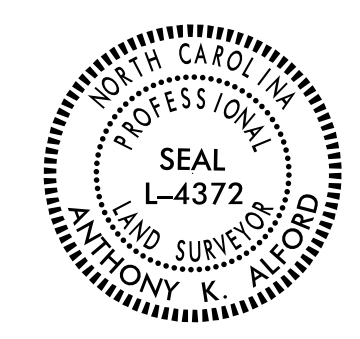


SEE SHEET RW07
MATCHLINE -L- STA. 74 + 00.00

MATCHLINE -L3- STA. 88 + 00.00
MATCHLINE -L4- STA. 88 + 00.00
SEE SHEET RW09

NOTES:

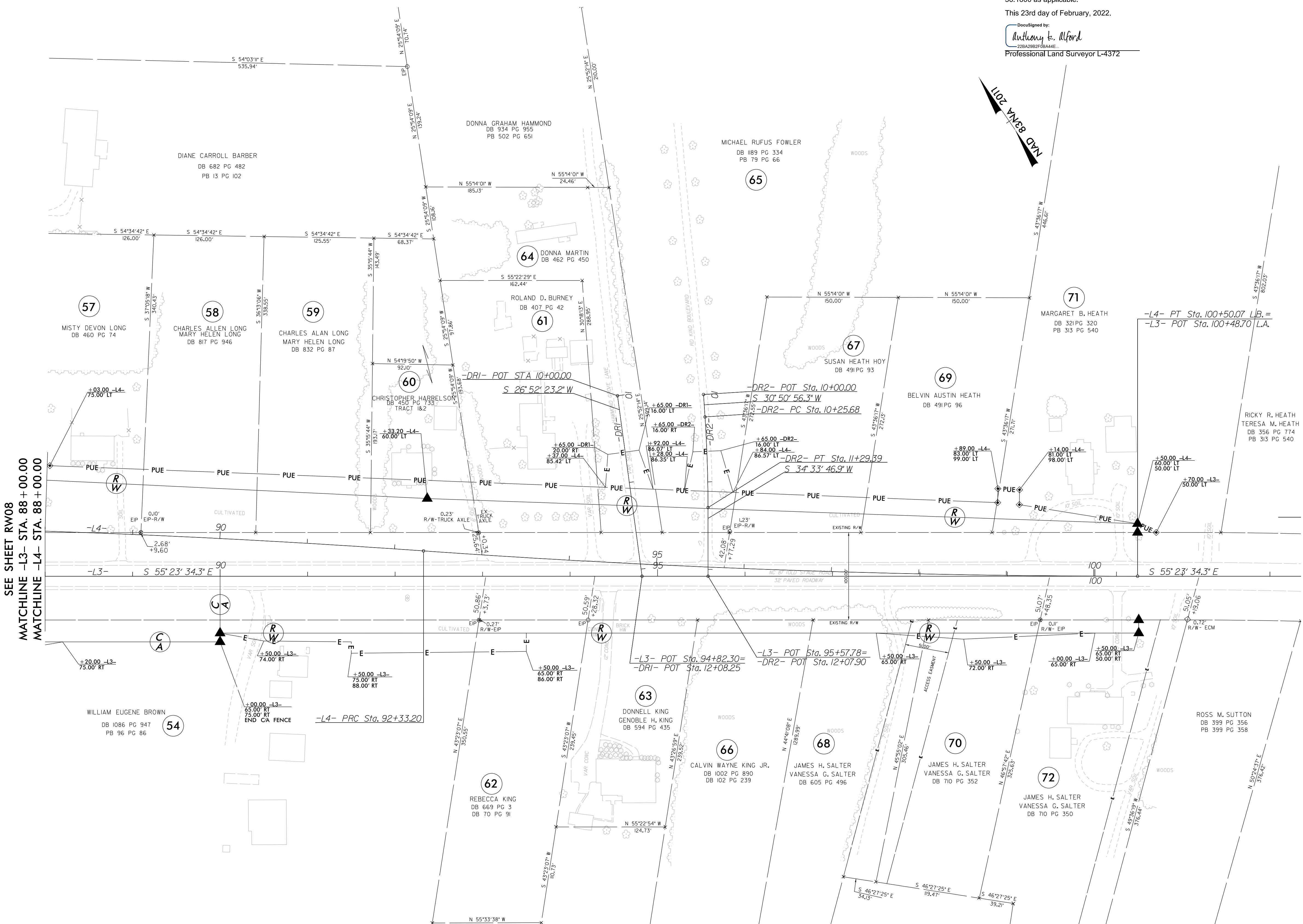
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/18/2022 TO 02/10/2022.

PROJECT REFERENCE NO.	SHEET NO.
R-2561CA	RW09
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Anthony K. Alford, 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 January 18, 2022 to February 10, 2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 23rd day of February, 2022.

DocuSigned by:
 Anthony K. Alford
 228A29B2F8A44E
 Professional Land Surveyor L-4372



- NOTES:**
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
 2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
 3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/18/2022 TO 02/10/2022.

REVISIONS

SEE SHEET RW08
 MATCHLINE -L3- STA. 88 + 00.00
 MATCHLINE -L4- STA. 88 + 00.00

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 AT RAL-WS914

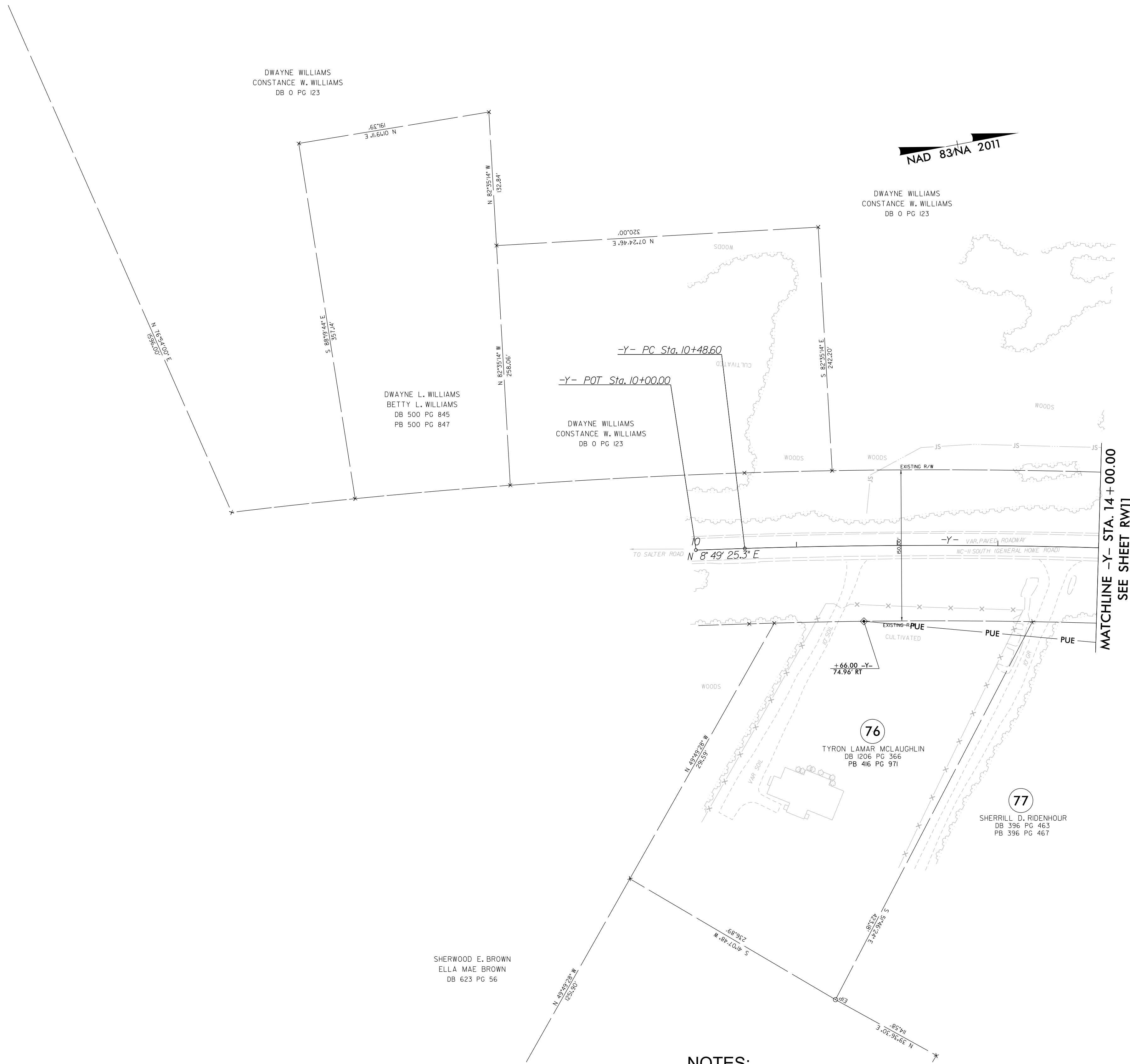
REVISIONS

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AT RAL - WS914

I, Anthony K. Alford, 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 January 18, 2022 to February 10, 2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.


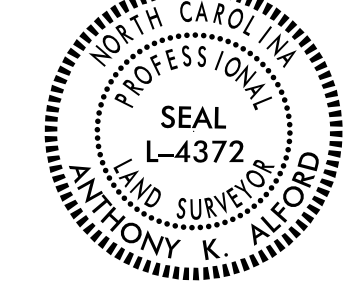
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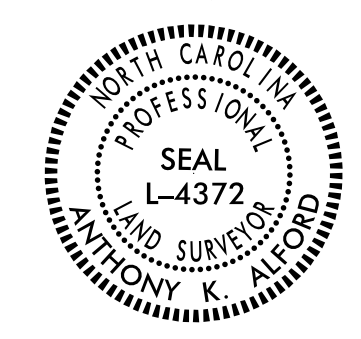
DocuSigned by:
Anthony K. Alford
228A29C758A4E
Professional Land Surveyor L-4372



NOTES:

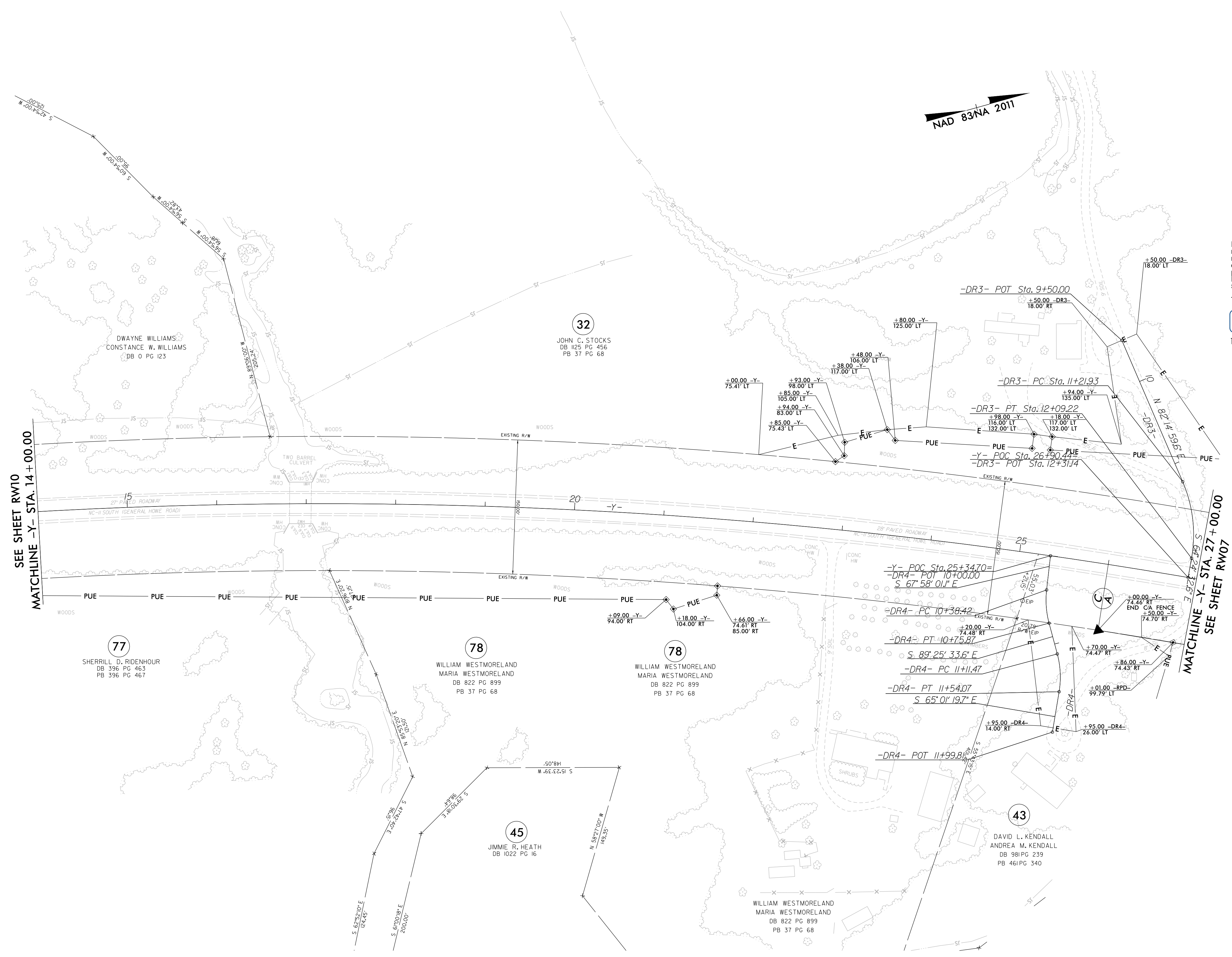
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/18/2022 TO 02/10/2022.

PROJECT REFERENCE NO.	SHEET NO.
R-2561CA	RW10
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PROJECT REFERENCE NO. R-2561CA	SHEET NO. RW11
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Anthony K. Alford, 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 January 18, 2022 to February 10, 2022, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 23rd day of February, 2022.
 DocuSigned by:
 Anthony K. Alford
 228A262F8BA44E...
 Professional Land Surveyor L-4372



NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/18/2022 TO 02/10/2022.


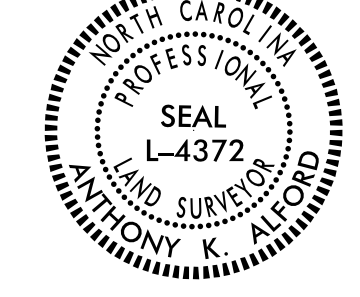
REVISIONS

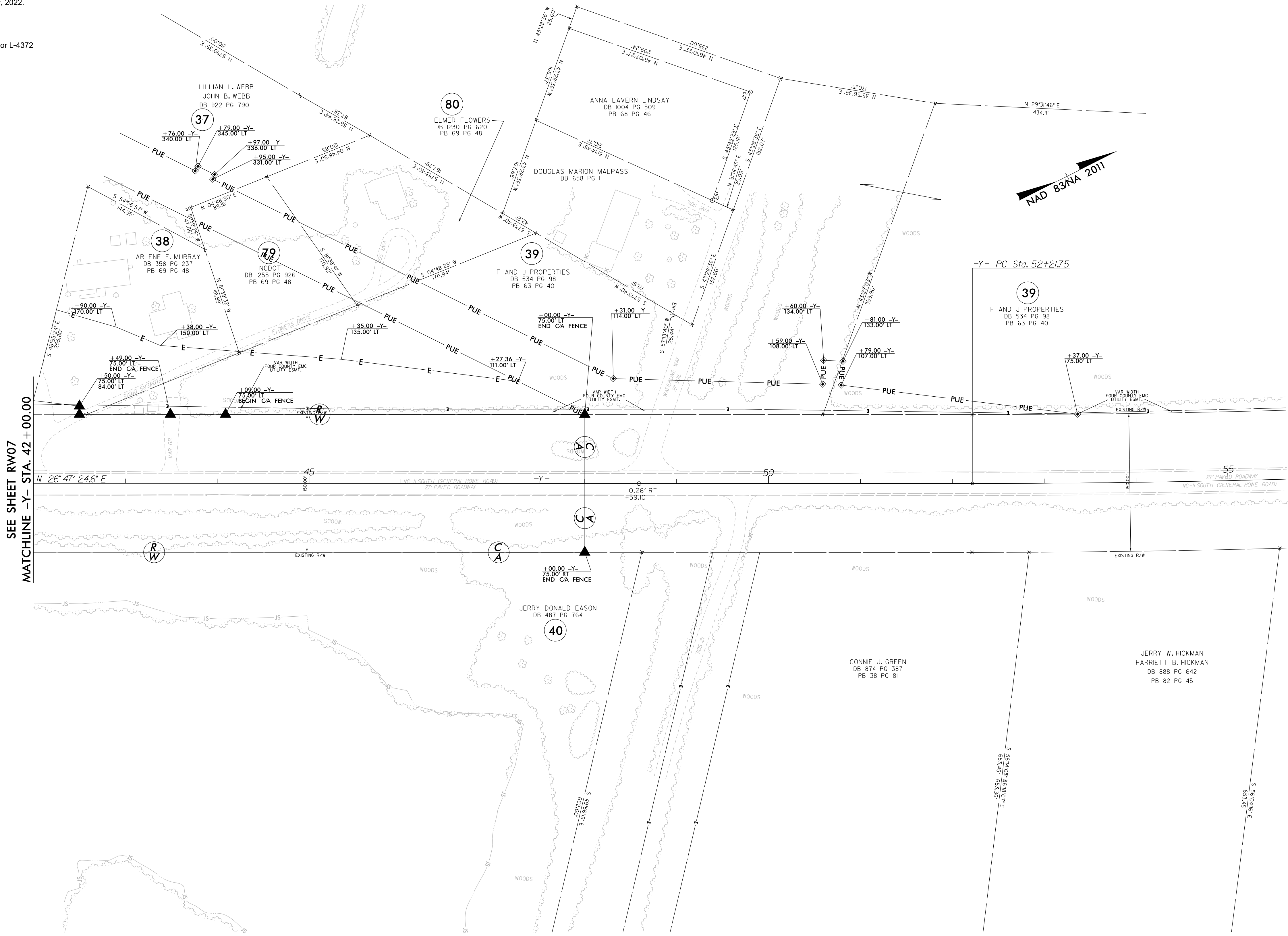
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 AT RAL-WS914

I, Anthony K. Alford, 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 January 18, 2022 to February 10, 2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 23rd day of February, 2022.

DocuSigned by:
Anthony K. Alford
228428025844E
Professional Land Surveyor L-4372

PROJECT REFERENCE NO.	SHEET NO.
R-2561CA	RW12
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	





NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 01/18/2022 TO 02/10/2022.

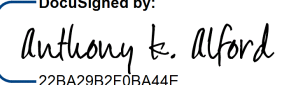
REVISIONS

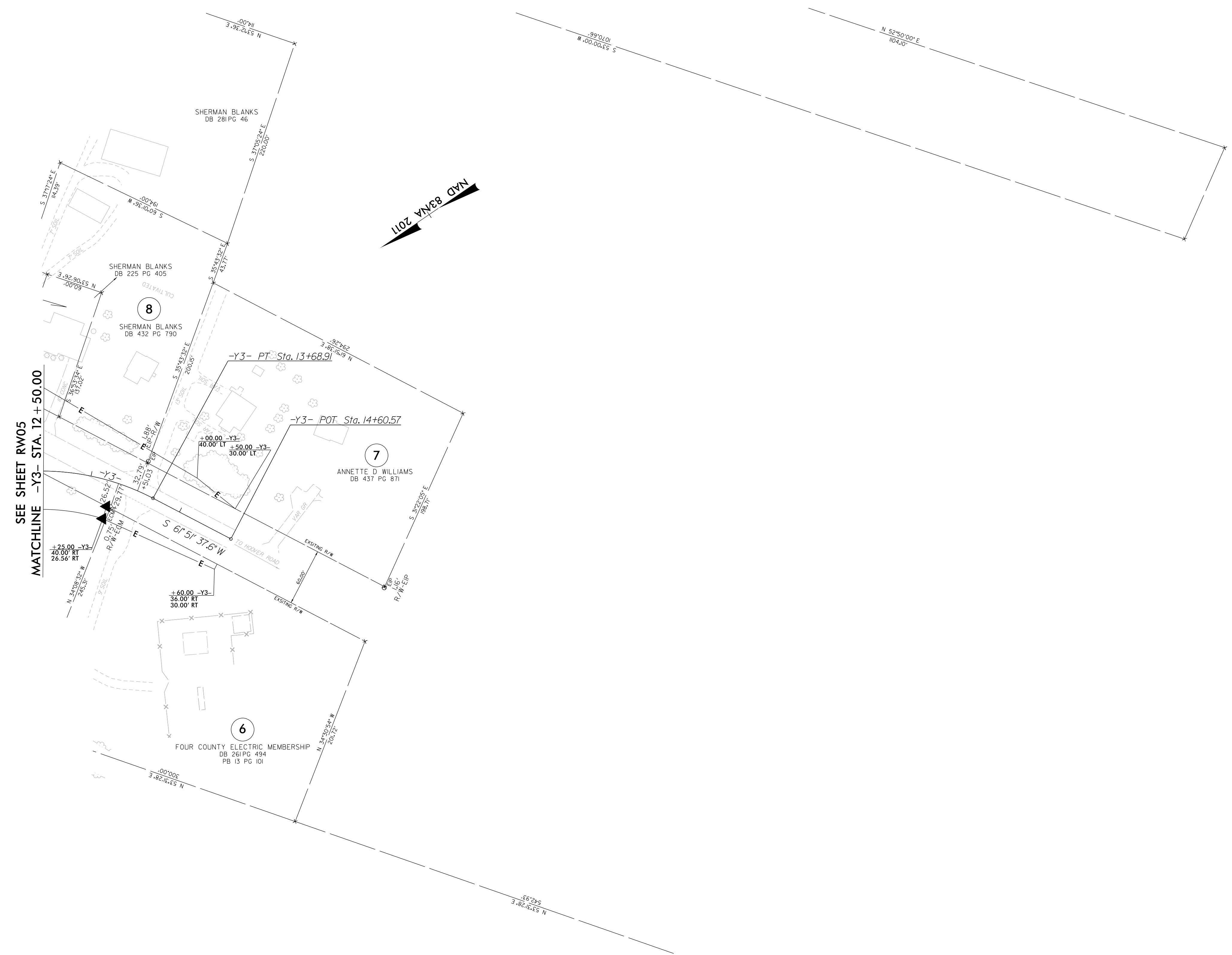
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 6/2/2022 10:03
 AT RAL-WS914

PROJECT REFERENCE NO.	SHEET NO.
R-2561CA	RW13
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
<small>TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION</small>	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Anthony K. Alford, 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 January 18, 2022 to February 10, 2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 23rd day of February, 2022.

DocuSigned by:

 238A298278BA4E
 Professional Land Surveyor L-4372



REVISIONS

SEE SHEET RW05
MATCHLINE -Y3- STA. 12 + 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 01/18/2022 TO 02/10/2022.

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 AT RAL-WS914