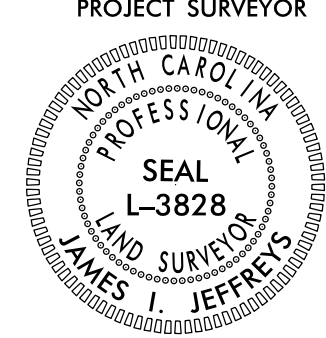






# SURVEY CONTROL SHEET

## W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	RW02C-1
<b>Location and Surveys</b>	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

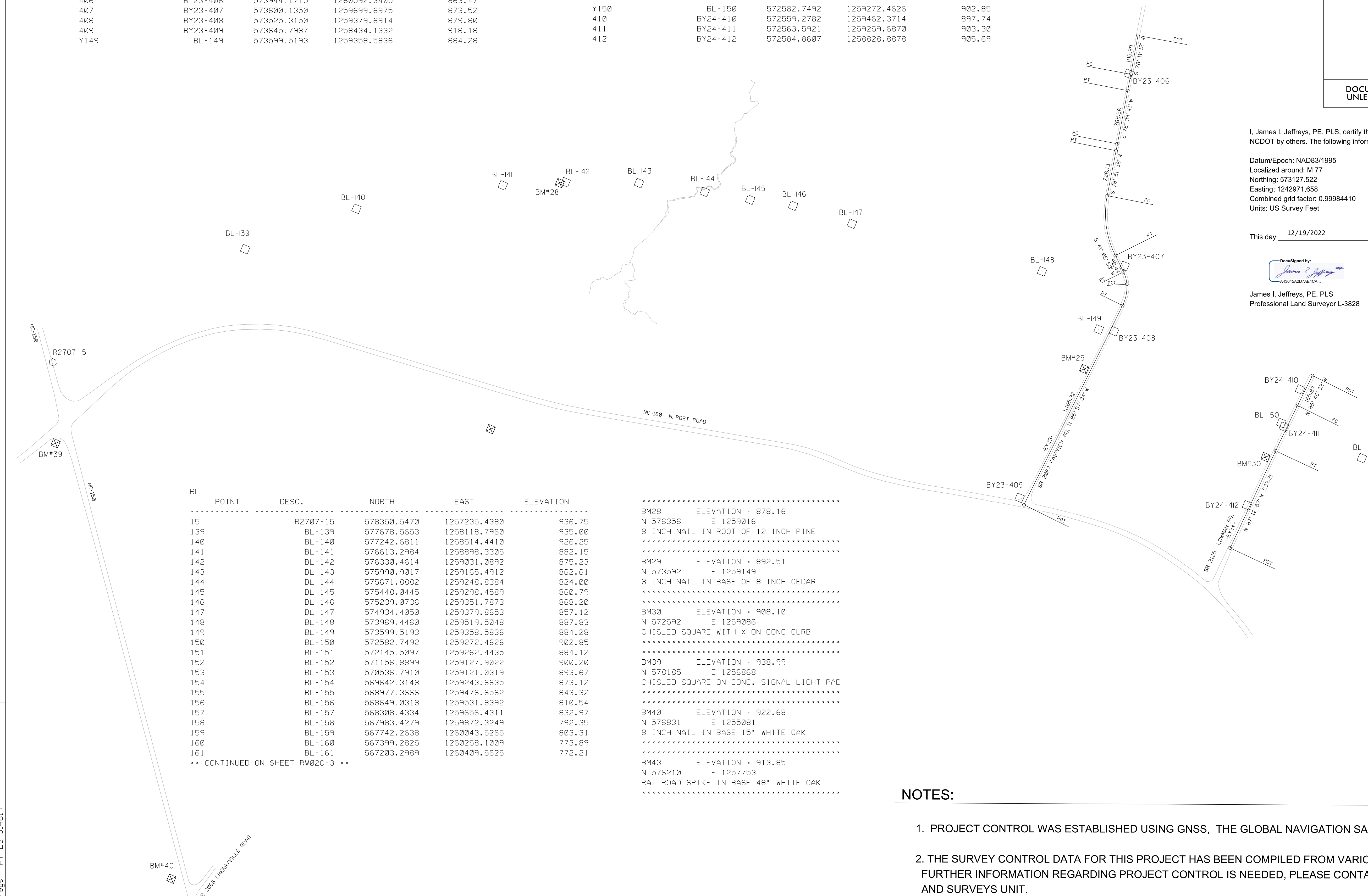
BY23 POINT	DESC.	NORTH	EAST	ELEVATION
406	BY23-406	573944.1715	1260592.3405	863.47
407	BY23-407	573600.1350	1259699.6975	873.52
408	BY23-408	573525.3150	1259379.6914	879.80
409	BY23-409	573645.7987	1258434.1332	918.18
Y149	BL-149	573599.5193	1259358.5836	884.28

BY24 POINT	DESC.	NORTH	EAST	ELEVATION
Y150	BL-150	572582.7492	1259272.4626	902.85
410	BY24-410	572559.2782	1259462.3714	897.74
411	BY24-411	572563.5921	1259259.6870	903.30
412	BY24-412	572584.8607	1258828.8878	905.69

BL POINT	DESC.	NORTH	EAST	ELEVATION
15	R2707-15	578350.5470	1257235.4380	936.75
139	BL-139	577678.5653	1258118.7960	935.00
140	BL-140	577242.6811	1258514.4410	926.25
141	BL-141	576613.2984	1258898.3305	882.15
142	BL-142	576330.4614	1259031.0892	875.23
143	BL-143	575990.9017	1259165.4912	862.61
144	BL-144	575671.8892	1259248.8384	824.00
145	BL-145	575448.0445	1259298.4589	860.79
146	BL-146	575239.0736	1259351.7873	868.20
147	BL-147	574934.4050	1259379.8653	857.12
148	BL-148	573969.4460	1259519.5048	887.83
149	BL-149	573599.5193	1259358.5836	884.28
150	BL-150	572582.7492	1259272.4626	902.85
151	BL-151	572145.5097	1259262.4435	884.12
152	BL-152	571156.8899	1259127.9022	900.20
153	BL-153	570536.7910	1259121.0319	893.67
154	BL-154	569642.3148	1259243.6635	873.12
155	BL-155	568977.3666	1259476.6562	843.32
156	BL-156	568649.0318	1259531.8392	810.54
157	BL-157	568308.4334	1259656.4311	832.97
158	BL-158	567983.4279	1259872.3249	792.35
159	BL-159	567742.2638	1260043.5265	803.31
160	BL-160	567399.2825	1260258.1009	773.89
161	BL-161	567203.2989	1260409.5625	772.21

•• CONTINUED ON SHEET RW02C-3 ••

- \*\*\*\*\*
- BM28 ELEVATION = 878.16
- N 576356 E 1259016
- 8 INCH NAIL IN ROOT OF 12 INCH PINE
- \*\*\*\*\*
- BM29 ELEVATION = 892.51
- N 573592 E 1259149
- 8 INCH NAIL IN BASE OF 8 INCH CEDAR
- \*\*\*\*\*
- BM30 ELEVATION = 908.10
- N 572592 E 1259086
- CHISLED SQUARE WITH X ON CONC CURB
- \*\*\*\*\*
- BM39 ELEVATION = 938.99
- N 578185 E 1256868
- CHISLED SQUARE ON CONC. SIGNAL LIGHT PAD
- \*\*\*\*\*
- BM40 ELEVATION = 922.68
- N 576831 E 1255081
- 8 INCH NAIL IN BASE 15" WHITE OAK
- \*\*\*\*\*
- BM43 ELEVATION = 913.85
- N 576210 E 1257753
- RAILROAD SPIKE IN BASE 48" WHITE OAK
- \*\*\*\*\*



I, James I. Jeffreys, PE, PLS, certify that the Project Control was provided to NCDOT by others. The following information was used to perform the survey:

Datum/Epoch: NAD83/1995  
 Localized around: M 77  
 Northing: 573127.522  
 Easting: 1242971.658  
 Combined grid factor: 0.99984410  
 Units: US Survey Feet

This day 12/19/2022

DocuSigned by:  
  
 A43045A207AE64CA

James I. Jeffreys, PE, PLS  
 Professional Land Surveyor L-3828

MATCH SHEET RW02C-2

### NOTES:

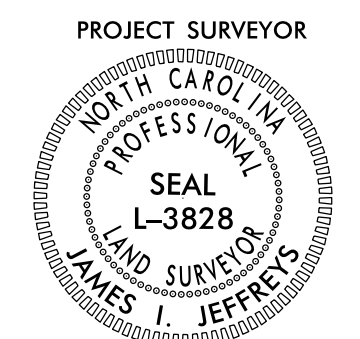
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

REVISIONS

I9-DEC-2022 12:51  
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 J. Jeffreys AT LS-314619

# SURVEY CONTROL SHEET

## W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-2707D	SHEET NO. RW02C-2
Location and Surveys	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BY25 POINT	DESC.	NORTH	EAST	ELEVATION
18	R2707-18	570787.0670	1260246.2300	881.63
416	BY25-416	570853.6169	1260014.1804	883.91
17	R2707-17	571181.2060	1259048.9390	903.36
413	BY25-413	571280.9539	1258568.5745	912.69
414	BY25-414	570960.7740	1257855.4953	918.54

BY26 POINT	DESC.	NORTH	EAST	ELEVATION
Y416	BY25-416	570853.6169	1260014.1804	883.91
417	BY26-417	570425.4383	1259904.7737	882.90

BY27 POINT	DESC.	NORTH	EAST	ELEVATION
418	BY27-418	567984.3787	1260312.7643	809.19
419	BY27-419	567750.4042	1260174.3200	781.83
Y159	BL-159	567742.2638	1260043.5265	803.31

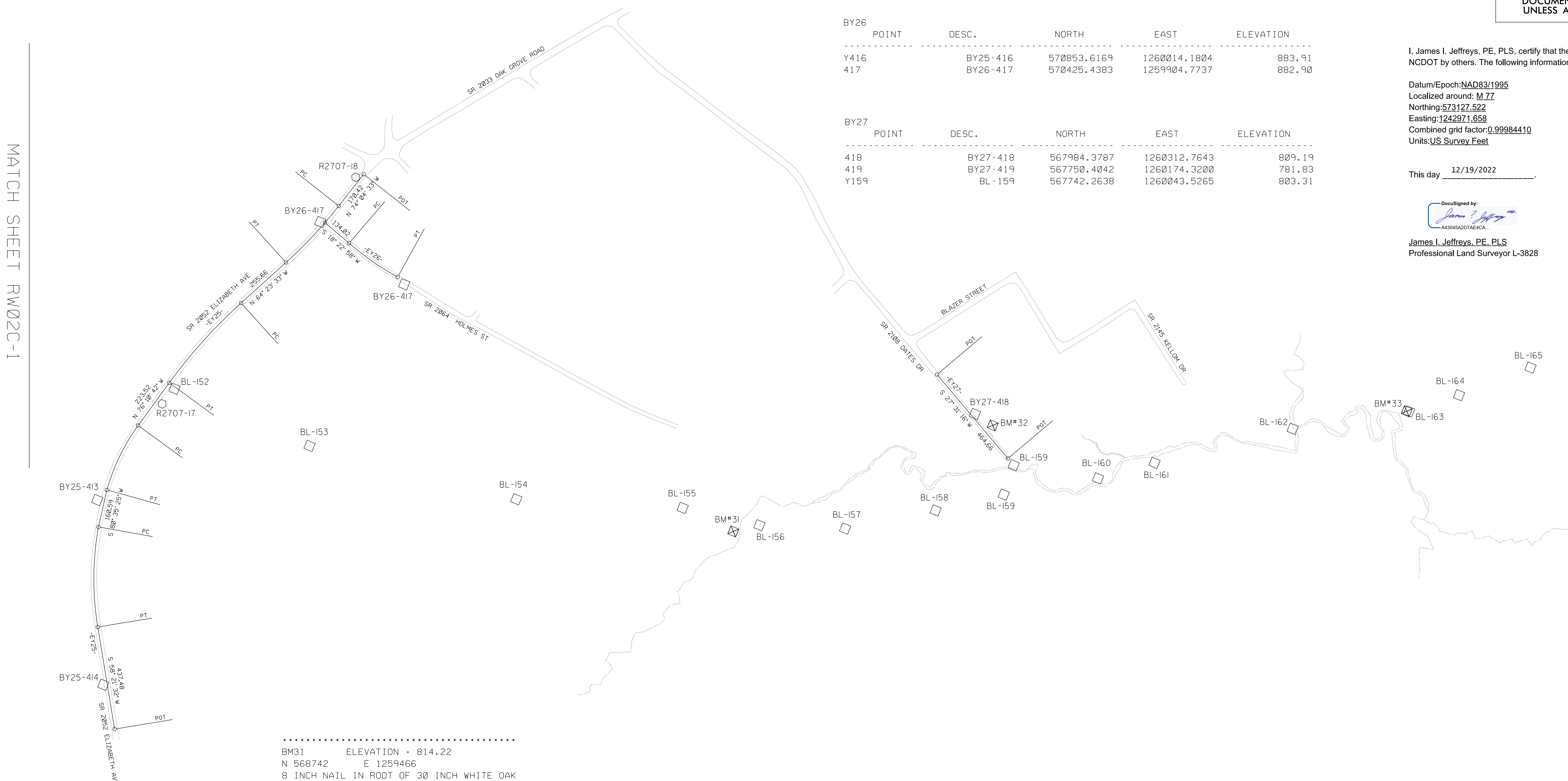
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 Localized around: M77  
 Northing: 573127.522  
 Easting: 1242971.658  
 Combined grid factor: 0.99984410  
 Units: US Survey Feet

This day 12/19/2022

DocuSigned by:  
  
 A43045A207AEACA

James I. Jeffreys, PE, PLS  
 Professional Land Surveyor L-3828



.....  
 BM31 ELEVATION - 814.22  
 N 568742 E 1259466  
 8 INCH NAIL IN ROOT OF 30 INCH WHITE OAK  
 .....  
 BM32 ELEVATION - 800.60  
 N 567897 E 1260297  
 8 INCH NAIL IN ROOT OF 20 INCH RED OAK  
 .....  
 BM33 ELEVATION - 784.14  
 N 566299 E 1261016  
 8 INCH NAIL IN BASE OF 8 INCH RED OAK  
 .....

### 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.

REVISIONS


MATCH SHEET RW02C-1

MATCH SHEET RW02C-3



# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-2707D	SHEET NO. RW02C-3
Location and Surveys	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BY28					BY29				
POINT	DESC.	NORTH	EAST	ELEVATION	POINT	DESC.	NORTH	EAST	ELEVATION
20	R2707-20	566205.1970	1262995.8520	755.61	Y421	BY28-421	565014.3985	1261037.4382	855.49
19	R2707-19	565153.7430	1261859.6180	836.03	423	BY29-423	564790.0813	1261153.6506	830.28
420	BY28-420	565105.6997	1261502.6081	852.53					
421	BY28-421	565014.3985	1261037.4382	855.49					
422	BY28-422	564429.2970	1260392.8572	874.01					

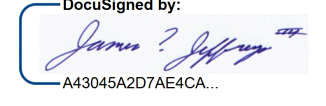
  

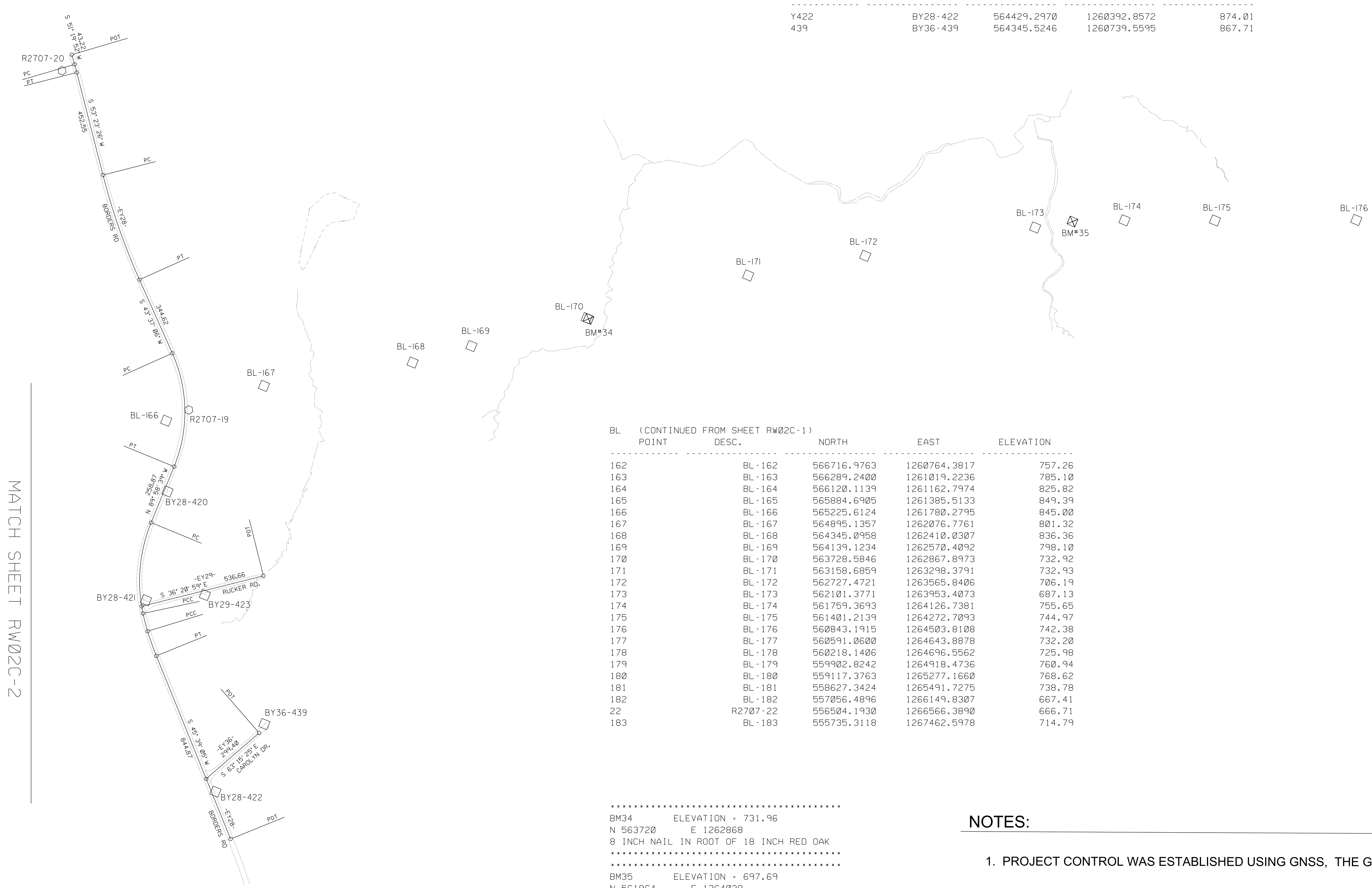
BY36				
POINT	DESC.	NORTH	EAST	ELEVATION
Y422	BY28-422	564429.2970	1260392.8572	874.01
439	BY36-439	564345.5246	1260739.5595	867.71

I, James I. Jeffreys, PE, PLS, certify that the Project Control was provided to NCDOT by others. The following information was used to perform the survey:

Datum/Epoch: NAD83/1995  
Localized around: M 77  
Northing: 573127.522  
Easting: 1242971.658  
Combined grid factor: 0.99984410  
Units: US Survey Feet

This day 12/19/2022

DocuSigned by:  
  
4A3045A207AE4CA  
James I. Jeffreys, PE, PLS  
Professional Land Surveyor L-3828



BL (CONTINUED FROM SHEET RW02C-1)

POINT	DESC.	NORTH	EAST	ELEVATION
162	BL-162	566716.9763	1260764.3817	757.26
163	BL-163	566289.2400	1261019.2236	785.10
164	BL-164	566120.1139	1261162.7974	825.82
165	BL-165	565984.6905	1261385.5133	849.39
166	BL-166	565225.6124	1261780.2795	845.00
167	BL-167	564895.1357	1262076.7761	801.32
168	BL-168	564345.0958	1262410.0307	836.36
169	BL-169	564139.1234	1262570.4092	798.10
170	BL-170	563728.5846	1262867.8973	732.92
171	BL-171	563158.6859	1263298.3791	732.93
172	BL-172	562727.4721	1263565.8406	706.19
173	BL-173	562101.3771	1263953.4073	687.13
174	BL-174	561759.3693	1264126.7381	755.65
175	BL-175	561401.2139	1264272.7093	744.97
176	BL-176	560843.1915	1264503.8108	742.38
177	BL-177	560591.0600	1264643.8878	732.20
178	BL-178	560218.1406	1264696.5562	725.98
179	BL-179	559902.8242	1264918.4736	760.94
180	BL-180	559117.3763	1265277.1660	768.62
181	BL-181	558627.3424	1265491.7275	738.78
182	BL-182	557056.4896	1266149.8307	667.41
22	R2707-22	565504.1930	1266566.3890	666.71
183	BL-183	555735.3118	1267462.5978	714.79

.....  
 BM34 ELEVATION = 731.96  
 N 563720 E 1262868  
 8 INCH NAIL IN ROOT OF 18 INCH RED OAK  
 .....  
 BM35 ELEVATION = 697.69  
 N 561964 E 1264038  
 8 INCH NAIL IN TOP OF 8 INCH BEECH STUMP  
 .....

### 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.

REVISIONS


MATCH SHEET RW02C-2

MATCH SHEET RW02C-4



# SURVEY CONTROL SHEET

## W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-2707D	SHEET NO. RW02C-4
Location and Surveys	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BY30 POINT	DESC.	NORTH	EAST	ELEVATION
424	BY30-424	560267.8174	1265305.7589	722.87
425	BY30-425	560245.1503	1264801.4073	722.19
426	BY30-426	560204.6511	1264441.7228	723.13
427	BY30-427	559468.8293	1264136.0862	769.82

BY31 POINT	DESC.	NORTH	EAST	ELEVATION
428	BY31-428	559720.4983	1263242.1020	782.58
429	BY31-429	559449.1116	1263974.7032	775.10
430	BY31-430	559149.4051	1264640.5071	765.99
431	BY31-431	558739.8024	1265176.7107	735.78
432	BY31-432	558219.7529	1265602.5787	701.44
Y182	BL-182	557056.4896	1266149.8307	667.41

BY32 POINT	DESC.	NORTH	EAST	ELEVATION
433	BY32-433	559248.2195	1263748.7553	789.97
434	BY32-434	559126.3093	1264358.3921	769.43
435	BY32-435	558434.3070	1265068.8553	727.56

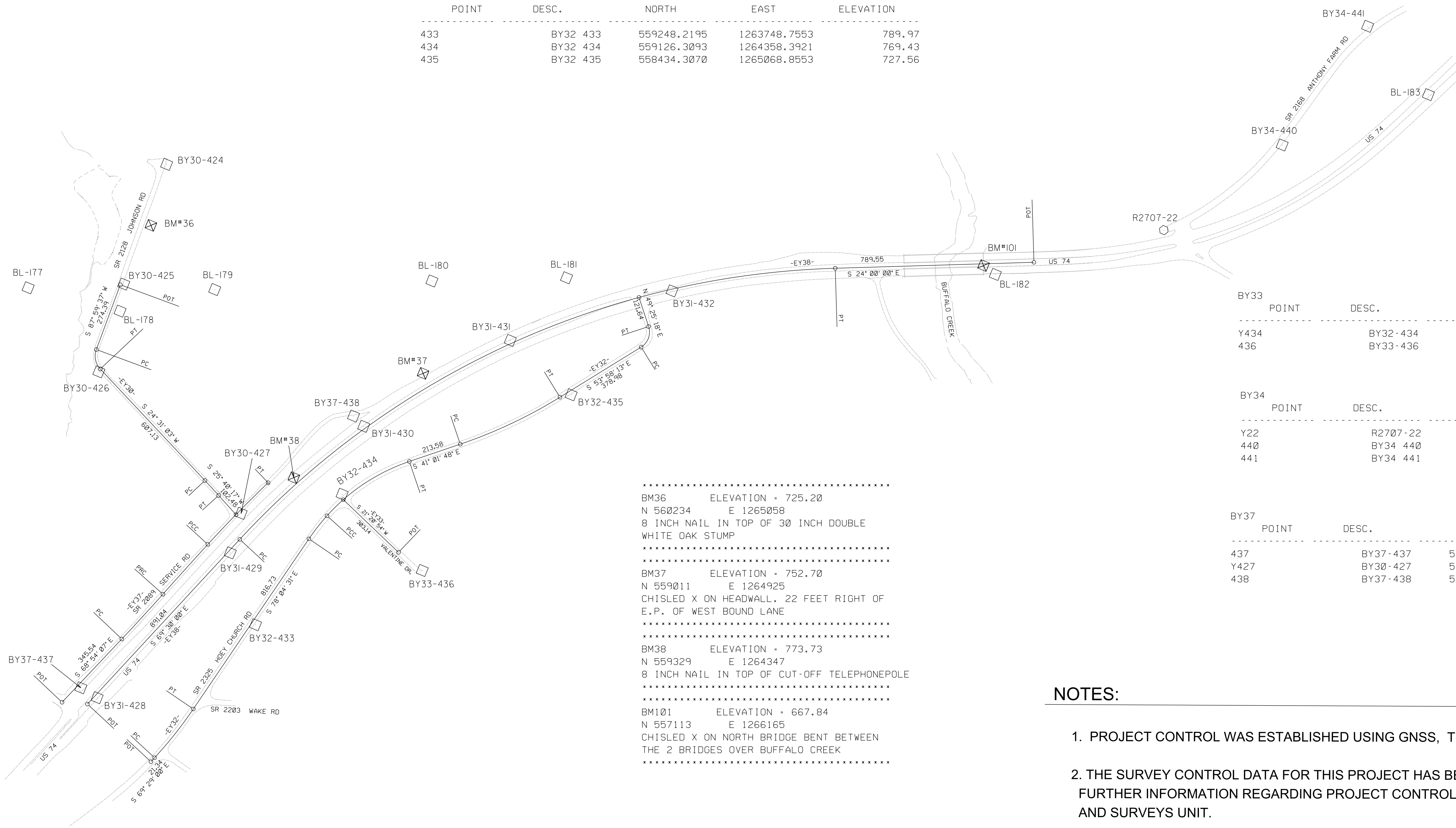
I, James I. Jeffreys, PE, PLS, certify that the Project Control was provided to NCDOT by others. The following information was used to perform the survey:

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Localized around: M 77  
Northing: 573127.522  
Easting: 1242971.658  
Combined grid factor: 0.99984410  
Units: US Survey Feet

This day 12/19/2022

DocuSigned by:  
*James I. Jeffreys*  
A43045A207AE4CA

James I. Jeffreys, PE, PLS  
Professional Land Surveyor L-3828



BY33 POINT	DESC.	NORTH	EAST	ELEVATION
Y434	BY32-434	559126.3093	1264358.3921	769.43
436	BY33-436	558717.0425	1264199.1469	791.07

BY34 POINT	DESC.	NORTH	EAST	ELEVATION
Y22	R2707-22	556504.1930	1266566.3890	666.71
440	BY34-440	556197.0340	1267057.4256	686.70
441	BY34-441	556061.4329	1267622.1130	715.97

BY37 POINT	DESC.	NORTH	EAST	ELEVATION
437	BY37-437	559795.2161	1263254.0639	782.25
Y427	BY30-427	559468.8293	1264136.0862	769.82
438	BY37-438	559202.0353	1264662.8424	770.45

.....  
 BM36 ELEVATION - 725.20  
 N 560234 E 1265058  
 8 INCH NAIL IN TOP OF 30 INCH DOUBLE  
 WHITE OAK STUMP  
 .....  
 BM37 ELEVATION - 752.70  
 N 559011 E 1264925  
 CHISLED X ON HEADWALL, 22 FEET RIGHT OF  
 E.P. OF WEST BOUND LANE  
 .....  
 BM38 ELEVATION - 773.73  
 N 559329 E 1264347  
 8 INCH NAIL IN TOP OF CUT-OFF TELEPHONEPOLE  
 .....  
 BM101 ELEVATION - 667.84  
 N 557113 E 1266165  
 CHISLED X ON NORTH BRIDGE BENT BETWEEN  
 THE 2 BRIDGES OVER BUFFALO CREEK  
 .....

### NOTES:

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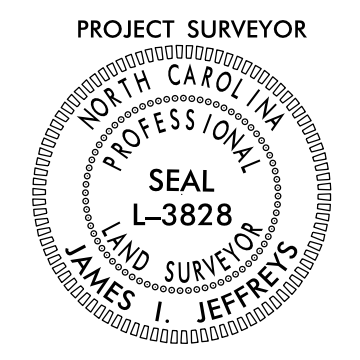
REVISIONS

MATCH SHEET RW02C-3

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J. Jeffreys AT LS-314619

# SURVEY CONTROL SHEET

**W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION**

PROJECT REFERENCE NO. R-2707D	SHEET NO. RW02C-5
<b>Location and Surveys</b>	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EY23									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	573973.533	1260785.837	S 78°11'12.2" W	195.99					
LINE									
PC	573933.409	1260593.997	S 78°25'26.6" W	82.84	00°28'28.8"(RT)	00°34'22.6"	82.84	41.42	10000.00
CURVE									
PT	573916.786	1260512.840	S 78°39'41.0" W	269.56					
LINE									
PC	573863.788	1260248.539	S 78°45'38.2" W	34.66	00°11'55.0"(RT)	00°34'22.6"	34.66	17.33	10000.00
CURVE									
PT	573857.031	1260214.539	S 78°51'36.1" W	228.13					
LINE									
PC	573812.956	1259990.710	S 59°58'44.5" W	300.95	37°45'42.8"(LT)	12°19'18.0"	306.47	159.03	465.00
CURVE									
PT	573662.385	1259730.134	S 41°05'53.2" W	90.44					
LINE									
PC	573594.228	1259670.681	S 52°34'08.5" W	63.64	22°56'30.8"(RT)	35°48'35.5"	64.07	32.47	160.00
CURVE									
PCC	573555.549	1259620.147	S 79°02'24.8" W	108.71	30°00'01.6"(RT)	27°17'01.3"	109.96	56.27	210.00
CURVE									
PT	573534.881	1259513.424	N 85°57'34.5" W	1105.32					
LINE									
POT	573612.763	1258410.849							

EY24									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	572528.839	1259549.525	N 85°46'32.3" W	165.87					
LINE									
PC	572541.057	1259384.109	N 86°29'44.6" W	251.35	01°26'24.6"(LT)	00°34'22.6"	251.35	125.68	10000.00
CURVE									
PT	572556.420	1259133.232	N 87°12'56.8" W	533.21					
LINE									
POT	572582.321	1258600.650							

EY25									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	570760.702	1260270.734	N 74°04'32.8" W	170.42					
LINE									
PC	570807.459	1260106.854	N 69°14'03.3" W	327.48	09°40'59.4"(RT)	02°57'12.2"	327.87	164.32	1940.00
CURVE									
PT	570923.565	1259800.652	N 64°23'33.5" W	255.66					
LINE									
PC	571034.063	1259570.101	N 70°17'08.0" W	453.80	11°47'08.7"(LT)	02°35'33.2"	454.60	228.10	2210.00
CURVE									
PT	571187.144	1259142.904	N 76°10'42.2" W	223.52					
LINE									
PC	571240.542	1258925.860	N 86°25'42.2" W	302.50	20°29'59.9"(LT)	06°44'26.4"	304.12	153.70	850.00
CURVE									
PT	571259.386	1258623.944	S 80°35'24.6" W	160.59					
LINE									
PC	571233.130	1258465.511	S 68°06'31.7" W	423.37	19°30'00.0"(LT)	04°35'01.2"	425.42	214.79	1250.00
CURVE									
PT	571075.277	1258072.665	S 58°21'31.7" W	437.48					
LINE									
POT	570845.778	1257700.220							

EY26									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	570834.612	1260019.541	S 18°22'58.1" W	134.02					
LINE									
PC	570707.429	1259977.275	S 12°29'19.9" W	250.56	11°47'16.2"(LT)	04°41'47.0"	251.00	125.94	1220.00
CURVE									
PT	570462.801	1259923.092							

EY28									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	566192.806	1263075.230	S 51°19'51.9" W	43.22					
LINE									
PC	566165.799	1263041.482	S 52°21'39.7" W	35.94	02°03'33.6"(RT)	05°43'46.5"	35.94	17.97	1000.00
CURVE									
PT	566143.851	1263013.022	S 53°23'25.6" W	452.55					
LINE									
PC	565873.970	1262649.753	S 48°30'16.1" W	473.57	09°46'19.3"(LT)	02°03'39.6"	474.14	237.65	2780.00
CURVE									
PT	565560.203	1262295.049	S 43°37'06.4" W	344.62					
LINE									
PC	565310.716	1262057.312	S 66°49'13.7" W	484.59	46°24'14.7"(RT)	09°18'59.0"	498.09	263.62	615.00
CURVE									
PT	565119.975	1261611.842	N 89°58'38.9" W	258.87					
LINE									
PC	565120.077	1261352.968	S 72°50'12.2" W	390.02	34°22'17.7"(LT)	08°40'52.2"	395.93	204.12	660.00
CURVE									
PCC	565004.983	1260980.314	S 53°09'00.8" W	78.51	04°59'58.3"(LT)	06°21'58.3"	78.53	39.29	900.00
CURVE									
PCC	564957.901	1260917.492	S 48°09'05.1" W	111.67	05°00'00.0"(LT)	04°28'34.4"	111.70	55.89	1280.00
CURVE									
PT	564883.402	1260834.311	S 45°39'05.1" W	844.87					
LINE									
POT	564292.822	1260230.147							

EY30									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	560257.321	1264794.123	S 87°59'36.8" W	274.39					
LINE									
PC	560247.714	1264519.898	S 56°15'19.8" W	78.91	63°28'34.1"(LT)	76°23'39.7"	83.09	46.39	75.00
CURVE									
PT	560203.883	1264454.286	S 24°31'03.1" W	607.13					
LINE									
PC	559651.496	1264202.345	S 25°05'40.2" W	80.55	01°09'13.9"(RT)	01°25'56.6"	80.55	40.28	4000.00
CURVE									
PT	559578.546	1264168.181	S 25°40'16.8" W	102.48					
LINE									
POT	559486.181	1264123.786							

EY27				
POINT	N	E	BEARING	DIST
POT	568195.908	1260406.507	S 27°31'16.4" W	464.66
LINE				
POT	567783.827	1260191.797		

EY29				
POINT	N	E	BEARING	DIST
POT	565021.868	1261006.310	S 36°20'58.9" E	536.66
LINE				
POT	564589.633	1261324.396		

EY33				
POINT	N	E	BEARING	DIST
POT	559114.032	1264340.414	S 21°20'54.5" W	303.14
LINE				
POT	558831.691	1264230.058		

EY36				
POINT	N	E	BEARING	DIST
POT	564486.928	1260428.718	S 63°15'25.4" E	299.40
LINE				
POT	564352.201	1260696.093		

EY32									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	559426.681	1263088.177	S 69°28'59.9" E	21.34					
LINE									
PC	559419.202	1263108.163	S 73°46'45.2" E	247.21	08°35'32.1"(LT)	03°28'20.9"	247.44	123.95	1650.00
CURVE									
PT	559350.147	1263345.529	S 78°04'31.2" E	816.73					
LINE									
PC	559181.390	1264144.637	S 74°11'49.2" E	116.34	07°45'24.1"(RT)	06°39'44.3"	116.43	58.30	860.00
CURVE									
PCC	559149.707	1264256.578	S 55°40'27.8" E	391.87	29°17'18.8"(RT)	07°23'34.8"	396.17	202.51	775.00
CURVE									
PT	558928.735	1264580.199	S 41°01'48.3" E	213.58					
LINE									
PC	558767.618	1264720.404	S 47°30'00.6" E	437.66	12°56'24.3"(LT)	02°57'01.3"	438.60	220.23	1942.00
CURVE									
PT	558471.938	1265043.085	S 53°58'12.8" E	378.98					
LINE									
PC	558249.018	1265349.573	N 87°43'32.8" E	86.78	76°36'29.2"(LT)	81°51'04.0"	93.59	55.29	70.00
CURVE									
PT	558252.462	1265436.281	N 49°25'17.8" E	121.64					
LINE									
POT	558331.590	1265528.672							

EY37									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	559842.698	1263172.564	S 68°54'06.7" E	345.54					
LINE									
PC	559718.316	1263494.939	S 69°45'21.5" E	241.49	01°42'29.6"(LT)	00°42'26.5"	241.50	120.76	8100.00
CURVE									
PCC	559634.757	1263721.508	S 70°13'22.8" E	266.19	00°46'27.1"(RT)	00°17'27.0"	266.19	133.10	19700.00
CURVE									
PCC	559544.690	1263971.995	S 67°54'28.9" E	342.47	03°51'20.8"(RT)	01°07'32.4"	342.54	171.33	5090.00
CURVE									
PT	559415.889	1264289.323							

EY38									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	559746.792	1263204.039	S 69°30'00.0" E	891.04					
LINE				</					



# PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. R-2707D	SHEET NO. RW02D-1
<b>Location and Surveys</b>	
<p style="text-align: center; font-size: small;">801 Jones Franklin Road Raleigh, NC 27606 License No. F-0672 www.stantec.com</p>	

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

Designed by:  
*F. Rex Cooper*  
#100198687.F000

1LOOPA			
TYPE	STATION	NORTH	EAST
TS	9+89.36	559120.8154	1265336.6517
SC	12+89.36	558883.4508	1265510.7496
CS	18+60.19	559176.4312	1265832.5587
SC	20+10.19	559294.3509	1265741.6580
CS	27+99.56	559491.1265	1265008.4682
ST	29+99.56	559431.7847	1264817.6135
POT	30+15.28	559426.5100	1264802.8043

2LOOPA			
TYPE	STATION	NORTH	EAST
POT	30+15.28	559417.0896	1264806.1595
TS	30+31.00	559411.8149	1264791.3503
SC	32+31.00	559352.4731	1264600.4956
CS	36+02.84	559355.1077	1264231.8553
ST	38+02.84	559417.1713	1264041.8682

BUFFALO			
TYPE	STATION	NORTH	EAST
POT	0+00.00	557398.2967	1266494.8320
POT	1+50.98	557294.0030	1266385.6625
POT	3+28.99	557221.4745	1266223.0968
POT	4+36.99	557270.3542	1266126.7960
POT	5+23.58	557232.0798	1266049.1168
POT	6+98.37	557148.5763	1265895.5692
POT	7+68.28	557111.0805	1265836.5630
POT	9+09.10	556991.9017	1265761.5618

BUFFALO2			
TYPE	STATION	NORTH	EAST
POT	0+00.00	556991.9017	1265761.5618
POT	1+40.81	557111.0805	1265836.5630
POT	2+10.73	557148.5763	1265895.5692
POT	3+85.51	557232.0798	1266049.1168
POT	4+72.11	557270.3542	1266126.7960
POT	5+80.10	557221.4745	1266223.0968
POT	7+58.11	557294.0030	1266385.6625
POT	9+09.10	557398.2967	1266494.8320

DET_2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	573526.8095	1259491.3373
POT	12+95.00	573232.6826	1259468.6577

L			
TYPE	STATION	NORTH	EAST
TS	616+11.49	578112.3161	1257664.6590
SC	618+61.49	577950.6863	1257855.3726
CS	659+83.39	574280.7078	1259406.7749
ST	662+33.39	574031.2915	1259389.8218
TS	684+90.63	571780.7342	1259216.2840
SC	686+90.63	571581.2625	1259201.7782
CS	743+49.23	566308.8498	1260870.2805
ST	745+49.23	566154.0391	1260996.9021
TS	773+87.49	563964.9174	1262803.4116
SC	775+87.49	563810.1067	1262930.0332
CS	794+78.40	562205.2162	1263920.8180
ST	796+78.40	562022.6484	1264002.4781
TS	851+52.31	557016.1061	1266215.6733
SC	856+32.31	556585.9012	1266427.8067
CS	865+45.69	555943.3700	1267064.6978
ST	870+25.69	555727.4520	1267493.0157
TS	876+63.42	555464.4727	1268074.0034
SC	879+03.42	555363.9832	1268291.9474
CS	884+80.79	555089.1356	1268799.4200
ST	887+20.79	554961.5081	1269002.6662
TS	906+46.39	553926.1313	1270626.2216
SC	910+06.39	553742.2636	1270935.5603
CS	921+28.29	553544.5435	1272023.5889
ST	924+88.29	553607.8215	1272377.8396
TS	931+66.49	553747.9851	1273041.3915
SC	934+81.49	553806.9478	1273350.7733
CS	940+03.69	553832.9583	1273871.4782
ST	943+18.69	553805.1209	1274185.1959
POT	993+11.63	553265.1918	1279148.8602

L_E			
TYPE	STATION	NORTH	EAST
POT	796+78.40	562022.6484	1264002.4781
TS	851+52.31	557016.1061	1266215.6733
SC	856+32.31	556585.9012	1266427.8067
CS	865+45.69	555943.3700	1267064.6978
ST	870+25.69	555727.4520	1267493.0157
TS	876+63.42	555464.4727	1268074.0034
SC	879+03.42	555363.9832	1268291.9474
CS	884+80.79	555089.1356	1268799.4200
ST	887+20.79	554961.5081	1269002.6662
TS	906+46.39	553926.1313	1270626.2216
SC	910+06.39	553742.2636	1270935.5603
CS	921+28.29	553544.5435	1272023.5889
ST	924+88.29	553607.8215	1272377.8396
TS	931+66.49	553747.9851	1273041.3915
SC	934+81.49	553806.9478	1273350.7733
CS	940+03.69	553832.9583	1273871.4782
ST	943+18.69	553805.1209	1274185.1959
POT	993+11.63	553265.1918	1279148.8602

NW3			
TYPE	STATION	NORTH	EAST
POT	10+00.00	571023.3195	1259303.2103
POT	10+15.00	571008.6017	1259300.3143
POT	10+30.00	570993.8839	1259297.4183
POT	10+45.00	570979.1661	1259294.5223
POT	10+60.00	570964.4483	1259291.6263
POT	11+20.00	570904.4715	1259293.2922
POT	11+80.00	570844.4946	1259294.9580
POT	12+25.00	570799.5120	1259296.2074
POT	12+85.00	570739.8168	1259302.2484
POT	13+45.00	570680.1217	1259308.2895
POT	14+05.00	570620.4266	1259314.3305
POT	14+65.00	570560.7315	1259320.3715
POT	14+80.00	570545.8077	1259321.8818
POT	15+40.00	570485.8761	1259324.7440
POT	16+00.00	570425.9451	1259327.6215
POT	16+60.00	570366.0132	1259330.4804
POT	17+20.00	570306.0814	1259333.3392
POT	17+80.00	570246.1495	1259336.1980
POT	18+40.00	570186.2177	1259339.0568
POT	18+70.00	570156.2517	1259340.4862
POT	19+30.00	570096.9417	1259349.5589
POT	19+90.00	570037.6316	1259358.6316
POT	20+50.00	569978.3215	1259367.7043
POT	20+80.00	569948.6664	1259372.2406
POT	21+40.00	569890.0481	1259385.0425
POT	22+00.00	569831.4297	1259397.8443
POT	22+60.00	569772.8114	1259410.6462
POT	23+20.00	569714.1930	1259423.4480
POT	23+35.00	569699.5384	1259426.6485
POT	23+95.00	569640.3436	1259436.4451
POT	24+55.00	569581.1488	1259446.2417
POT	25+15.00	569521.9540	1259456.0383
POT	25+75.00	569462.7591	1259465.8349
POT	26+35.00	569403.5643	1259475.6315
POT	26+50.00	569388.7656	1259478.0807
POT	27+10.00	569331.5467	1259496.1359
POT	27+70.00	569274.3277	1259514.1911
POT	28+30.00	569217.1087	1259532.2464
POT	28+90.00	569158.1490	1259543.3705
POT	29+50.00	569099.1892	1259554.4947
POT	30+10.00	569040.2295	1259565.6188
POT	30+25.00	569025.4895	1259568.3999
POT	30+40.00	569011.1435	1259564.0192
POT	30+55.00	568996.7974	1259559.6384
POT	30+70.00	568982.4514	1259555.2577
POT	30+85.00	568968.1053	1259550.8770
POT	31+45.00	568910.5804	1259567.9324
POT	32+05.00	568853.1923	1259585.4426
POT	32+65.00	568795.9447	1259603.4067
POT	33+25.00	568738.8411	1259621.8234
POT	33+85.00	568681.8850	1259640.6916
POT	34+45.00	568625.0801	1259660.0100
POT	35+05.00	568568.4299	1259679.7776
POT	35+65.00	568511.9380	1259699.9931
POT	36+25.00	568455.6079	1259720.6551
POT	36+85.00	568399.4431	1259741.7624
POT	37+45.00	568343.4472	1259763.3137
POT	38+05.00	568287.6237	1259785.3076
POT	38+65.00	568231.9760	1259807.7428
POT	39+25.00	568176.5077	1259830.6178
POT	39+85.00	568121.2222	1259853.9312
POT	40+45.00	568066.1230	1259877.6815
POT	41+05.00	568011.2136	1259901.8673
POT	41+65.00	567956.4973	1259926.4871
POT	42+25.00	567901.9777	1259951.5392
POT	42+85.00	567847.6581	1259977.0222
POT	43+45.00	567793.5420	1260002.9344
POT	44+05.00	567739.6326	1260029.2742
POT	44+65.00	567685.9335	1260056.0399
POT	45+25.00	567632.4480	1260083.2300
POT	45+85.00	567579.1794	1260110.8426
POT	46+45.00	567526.1311	1260138.8760
POT	47+05.00	567473.3063	1260167.3285
POT	47+65.00	567420.7085	1260196.1984
POT	48+25.00	567368.3408	1260225.4837
POT	48+85.00	567316.2067	1260255.1827
POT	49+45.00	567264.3093	1260285.2935
POT	50+05.00	567212.6518	1260315.8141
POT	50+65.00	567161.2377	1260346.7428
POT	51+25.00	567110.0700	1260378.0776
POT	51+85.00	567059.1519	1260409.8164
POT	52+45.00	567008.4867	1260441.9573
POT	53+05.00	566958.0776	1260474.4983
POT	53+65.00	566907.9277	1260507.4374
POT	54+25.00	566858.0400	1260540.7724
POT	54+85.00	566808.4179	1260574.5014
POT	55+45.00	566759.0643	1260608.6222
POT	56+05.00	566709.9824	1260643.1325
POT	56+65.00	566661.1752	1260678.0304
POT	57+25.00	566612.6459	1260713.3136
POT	57+85.00	566564.3974	1260748.9798
POT	58+45.00	566516.4327	1260785.0269

PVTENT1			
TYPE	STATION	NORTH	EAST
POT	5+65.72	565572.6245	1261876.1735
PC	5+87.32	565557.7302	1261891.8233
PT	6+80.40	565545.5465	1261978.1867
PC	8+67.64	565632.0695	1262144.2328
PT	9+76.97	565607.4992	1262241.0671
POT	10+00.00	565588.4028	1262253.9488

PVTENT2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	565153.9173	1261332.8232
PC	10+30.38	565125.1295	1261342.5366
PT	10+92.92	565091.1155	1261390.1813
PC	12+84.30	565092.1445	1261581.5628
PT	13+23.63	565077.6485	1261617.0384
PC	13+70.86	565044.3962	1261650.5707
PT	14+13.65	565004.9262	1261660.8436
POT	14+66.28	564954.3590	1261646.2840

PVTENT4			
TYPE	STATION	NORTH	EAST



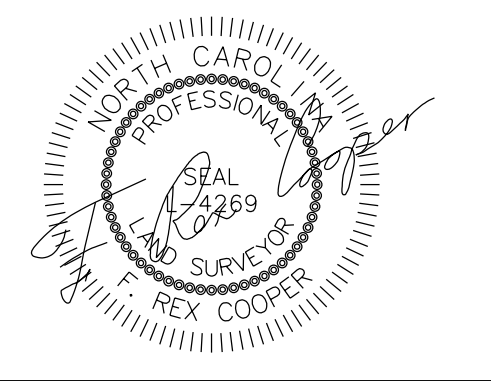
# RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. R-2707D SHEET NO. RW03E-1

**Location and Surveys**



801 Jones Franklin Road  
Raleigh, NC 27606  
License No. F-0672  
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**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

DocuSigned by:  
*F. Rex Cooper*  
61DD1950E85740D

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	635+01.36	122.01	576615.2466	1258761.6293
L	636+43.17	-118.20	576599.4122	1259040.0616
L	640+00.00	-150.00	576277.4539	1259219.4246
L	640+00.00	150.00	576165.3359	1258941.1629
L	640+59.88	-213.38	576242.8656	1259301.2482
L	644+40.00	-215.00	575866.8856	1259431.1119
L	644+40.00	-150.00	575848.4837	1259368.7712
L	645+50.00	-150.00	575739.1560	1259399.6217
L	646+90.30	-206.44	575611.6946	1259490.0678
L	647+16.16	-512.16	575654.1219	1259794.1084
L	647+50.00	-501.01	575615.0013	1259791.5515
L	649+90.00	430.00	575198.9600	1258924.6180
L	650+65.00	150.00	575173.8824	1259212.1967
L	652+73.58	485.00	574938.6230	1258904.7848
L	653+39.35	150.00	574910.4856	1259244.1575
L	653+90.22	-150.00	574895.3441	1259547.3960
L	654+19.72	-343.60	574869.1430	1259742.8018
L	654+00.00	-150.00	574792.8581	1259553.8742
L	655+60.00	-225.00	574713.5507	1259633.0515
L	656+30.00	-150.00	574638.1046	1259560.6530
L	659+83.39	150.00	574288.1575	1259256.9600
L	659+83.39	-150.00	574273.2580	1259556.5898
L	662+33.39	-150.00	574019.7643	1259539.3783
L	662+33.39	150.00	574042.8237	1259240.2660
L	670+22.96	-110.00	573235.6077	1259438.7941
L	673+00.00	150.00	572979.3753	1259158.2644
L	673+00.00	105.00	572975.9157	1259203.1314
L	676+25.00	105.00	572651.8776	1259178.1452
L	676+89.65	-110.00	572570.8859	1259387.5383
L	676+93.83	150.00	572586.7107	1259127.9865
L	677+49.65	-110.00	572511.0627	1259382.9254
L	677+53.85	150.00	572526.8641	1259123.3719
L	679+35.00	-150.00	572323.1905	1259408.5575
L	680+20.00	-150.00	572238.4421	1259402.0226
L	681+08.82	-340.00	572135.2176	1259585.4270
L	681+80.00	-571.46	572046.5099	1259809.9386
L	682+44.82	-428.11	571992.9037	1259662.0291
L	682+55.00	-352.57	571988.5638	1259585.9282
L	682+69.85	-353.77	571973.6658	1259585.9791
L	684+90.63	150.00	571792.2660	1259066.7280
L	684+90.63	-150.00	571769.2042	1259365.8402
L	684+95.56	-269.64	571755.0897	1259484.7440
L	686+09.44	-574.14	571620.7712	1259779.9744
L	686+90.63	150.00	571590.8360	1259052.0840
L	686+90.63	-150.00	571571.6890	1259351.4725
L	688+15.00	-150.00	571449.9545	1259344.6815
L	688+16.75	-224.87	571444.6970	1259419.3823
L	690+41.23	150.00	571233.6850	1259037.4613
L	691+19.88	-150.00	571151.1962	1259336.4239
L	691+62.97	-150.00	571108.9490	1259336.2188
L	691+99.85	150.00	571071.9590	1259036.2336
L	693+26.89	-150.00	570948.2620	1259337.6153
L	718+40.00	-150.00	568536.9460	1259786.1281
L	721+05.00	-320.00	568357.8848	1260036.7130
L	725+05.00	-230.00	567968.3668	1260107.5959
L	725+10.00	-150.00	567930.1789	1260037.1301
L	727+32.26	-150.00	567734.0412	1260132.0289
L	727+53.76	-480.84	567864.4630	1260436.7795
L	727+70.00	-260.00	567750.8452	1260246.7737
L	727+70.00	-201.52	567724.3538	1260194.6374
L	728+07.48	-150.00	567668.3005	1260165.4315
L	728+56.10	-531.55	567802.6420	1260525.5517
L	728+68.22	-509.24	567782.2917	1260511.0303
L	729+16.59	-260.00	567625.2250	1260312.1275
L	730+13.01	-575.65	567695.1650	1260633.1325
L	732+20.92	-150.00	567313.0475	1260360.4708
L	732+37.88	-260.00	567354.4389	1260463.7146
L	732+50.00	150.00	567136.0388	1260116.5173
L	732+87.87	-150.00	567256.5320	1260393.8526
L	734+25.00	165.00	566975.4865	1260196.1875
L	734+60.00	-270.00	567176.3859	1260583.5783
L	735+50.00	150.00	566875.6910	1260277.0662
L	736+85.00	-295.00	567008.1743	1260722.4178
L	739+00.00	-275.00	566826.4605	1260823.4996
L	740+00.00	150.00	566497.4869	1260536.7413
L	740+05.00	-530.00	566894.9689	1261088.4944
L	741+30.00	-480.00	566771.4758	1261118.1005
L	741+95.00	820.00	565929.4599	1260125.4305
L	742+70.00	-230.00	566513.0573	1261001.7610
L	743+49.23	150.00	566214.8997	1260753.3473
L	743+49.23	-150.00	566402.7999	1260987.2137
L	745+13.75	1012.61	565537.2160	1260193.0449
L	745+49.23	150.00	566058.5640	1260881.2108
L	745+49.23	-150.00	566249.5118	1261112.5955
L	747+00.00	-200.00	566165.0463	1261247.1248
L	748+48.26	202.12	565994.7541	1261031.3353
L	749+50.00	-230.00	565991.3184	1261429.3845
L	749+56.31	382.47	565596.6273	1260961.0108

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	750+00.00	230.00	565659.9711	1261106.4156
L	750+12.68	476.90	565493.0409	1260924.0511
L	751+90.00	255.00	565497.5140	1261208.0654
L	754+75.00	255.00	565277.6964	1261389.4634
L	755+80.00	-190.00	565479.9466	1261799.5182
L	757+61.52	150.00	565123.5371	1261652.8141
L	757+88.63	150.00	565102.6285	1261670.0684
L	758+08.95	150.00	565086.9513	1261683.0054
L	758+96.37	-150.00	565210.4763	1261970.0296
L	762+42.57	441.02	564567.2810	1261734.5343
L	762+60.00	440.76	564554.0010	1261745.8293
L	763+90.00	-150.00	564829.7427	1262284.2190
L	764+30.00	-425.00	564973.9243	1262521.7830
L	765+43.66	436.57	564337.8785	1261929.6060
L	765+50.00	150.00	564515.3910	1262154.6695
L	765+75.00	-150.00	564687.0541	1262401.9686
L	766+00.00	-180.00	564686.8664	1262441.0194
L	766+50.00	165.00	564428.7148	1262206.7488
L	767+00.00	-215.00	564632.0144	1262531.6630
L	768+10.00	-415.00	564674.4695	1262755.9342
L	768+30.06	165.00	564289.8390	1262321.3519
L	768+90.00	-355.00	564574.5772	1262760.5755
L	769+50.00	165.00	564197.3280	1262397.6940
L	769+90.00	-200.00	564398.7932	1262704.6741
L	771+00.00	150.00	564091.1817	1262504.7360
L	771+50.00	-150.00	564243.5626	1262767.9411
L	773+87.49	150.00	563869.4448	1262687.7180
L	773+87.49	-150.00	564060.3901	1262919.1050
L	775+87.46	-150.00	563904.0774	1263046.9499
L	775+87.49	200.00	563684.8399	1262774.1223
L	775+87.49	150.00	563716.1564	1262813.0999
L	778+20.00	-205.00	563750.1393	1263236.5244
L	780+35.00	-150.00	563540.1824	1263322.1825
L	785+00.00	200.00	562960.5555	1263288.0506
L	787+00.00	-150.00	562971.2452	1263690.6684
L	787+00.00	-140.00	562966.1794	1263682.0464
L	791+00.00	-140.00	562609.7417	1263879.1056
L	791+00.00	-175.00	562625.8684	1263910.1690
L	794+78.40	-175.00	562278.0607	1264079.9364
L	794+78.40	200.00	562121.9653	1263738.9683
L	796+01.94	-400.00	562254.9869	1264337.0569
L	796+30.00	-400.00	562228.9179	1264348.6215
L	796+57.20	352.82	561899.3396	1263671.2325
L	796+78.40	200.00	561941.7850	1263819.5543
L	796+78.40	-175.00	562093.4038	1264162.5364
L	796+84.40	-230.00	562110.1536	1264215.2664
L	796+90.00	353.44	561869.1371	1263683.9053
L	797+30.00	-230.00	562068.4470	1264233.7032
L	797+30.00	-175.00	562046.2096	1264183.3992
L	798+00.00	-175.00	561982.1862	1264211.7014
L	798+00.00	-150.00	561972.0783	1264188.8359
L	802+00.00	-150.00	561606.2308	1264350.5627
L	802+00.00	-400.00	561707.3100	1264579.2174
L	803+00.00	200.00	561373.2579	1264070.8778
L	803+00.00	365.00	561306.5456	1263919.9656
L	805+00.00	150.00	561210.5501	1264197.4723
L	805+00.00	200.00	561190.3342	1264151.7412
L	806+30.00	-150.00	561212.9446	1264524.4190
L	806+55.66	-150.00	561189.4749	1264534.7941
L	806+59.23	-296.20	561245.3227	1264669.9536
L	807+20.04	150.00	561009.2963	1264286.4387
L	809+40.00	-150.00	560929.4128	1264649.7573
L	810+62.00	150.00	560696.5341	1264424.6985
L	810+62.00	-150.00	560817.8292	1264699.0840
L	812+35.00	-150.00	560659.6002	1264769.0308
L	812+35.00	-100.00	560639.3843	1264723.2998
L	814+00.00	-110.00	560492.5154	1264799.1583
L	815+19.33	150.00	560278.2492	1264609.6058
L	815+50.00	-190.00	560387.6680	1264932.9754
L	816+36.83	-150.00	560292.0773	1264931.4982
L	817+01.27	-150.00	560233.1414	1264957.5537
L	818+65.00	-150.00	560083.3903	1265023.7505
L	819+30.00	-170.00	560032.0265	1265068.3235
L	820+60.00	-170.00	559913.1260	1265120.8847
L	821+20.00	-150.00	559850.1625	1265126.8513
L	822+39.59	-150.00	559740.7873	1265175.2018
L	839+00.00	125.00	558110.9516	1265595.0121
L	844+90.76	125.00	557570.6301	1265833.8712
L	846+00.00	125.00	557470.7204	1265878.0373
L	847+40.00	150.00	557332.5687	1265911.7747
L	849+69.49	-167.00	557250.8409	1266294.4960
L	850+60.00	-167.00	557168.0562	1266331.0919
L	850+60.00	-150.00	557161.1828	1266315.5433
L	851+52.31	150.00	556955.4619	1266078.4



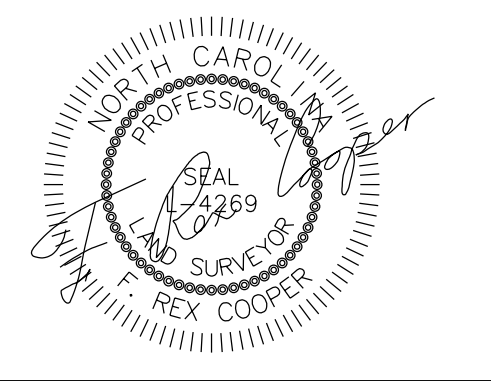
# RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. R-2707D SHEET NO. RW03E-2

## Location and Surveys



801 Jones Franklin Road  
Raleigh, NC 27606  
License No. F-0672  
www.stantec.com



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UNLESS ALL SIGNATURES COMPLETED

Designed by:  
*F. Rex Cooper*  
61001950E85740D

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RAMP_A	9+71.05	120.00	557483.9788	1266191.4350
RAMP_A	11+87.05	120.00	557673.9346	1266114.0128
RAMP_A	17+47.76	120.00	558171.8598	1266067.7729
RAMP_A	19+63.76	120.00	558372.8240	1266108.8922
RAMP_A	21+63.67	120.00	558582.8558	1266149.3931
RAMP_A	21+63.76	200.00	558573.9269	1266228.8933
RAMP_A	28+00.00	200.00	559315.6866	1266030.1914
RAMP_A	45+52.43	67.00	559459.4384	1264266.6075
RAMP_A	46+71.19	70.39	559494.4566	1264160.8710
RAMP_A	47+00.00	29.00	559464.9026	1264120.4537

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RAMPC	11+40.77	93.21	560219.3129	1264635.6592
RAMPC	12+83.13	80.00	560089.8031	1264696.2299
RAMPC	14+83.13	125.00	559908.2999	1264701.4865
RAMPC	22+78.00	125.00	559518.7835	1264363.0797

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RAMP_D	12+34.87	-125.26	558296.3730	1265442.1506
RAMP_D	31+42.18	-62.66	559350.4440	1264007.1284

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4	10+36.23	31.02	559567.7720	1264128.6818
Y4	11+47.94	30.00	559544.2440	1264073.1490
Y4	13+07.59	30.00	559599.9552	1263923.5362
Y4	18+11.19	25.00	559785.1708	1263469.5702
Y4	18+70.76	25.00	559827.1325	1263436.4141
Y4	21+34.53	25.00	559866.1632	1263170.3101

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y5_EBL	40+35.00	-61.47	559663.1190	1263170.8483

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y5_WBL	40+35.00	29.00	559799.4406	1263221.6105

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y6	8+30.00	-15.66	570676.4597	1259951.7746
Y6	8+30.00	-40.00	570683.5901	1259928.4977
Y6	9+50.00	16.62	570781.7449	1260017.7785

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y7	9+10.00	-24.79	564933.4869	1261039.7626
Y7	9+10.00	25.22	564963.6255	1261079.6613

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
SRVRD_1	11+11.23	-40.00	573687.0718	1260005.1193
SRVRD_1	12+09.20	-40.00	573665.4108	1259875.1805
SRVRD_1	13+89.68	-50.00	573624.9829	1259763.1114
SRVRD_1	13+89.68	-40.00	573631.3655	1259755.4132
SRVRD_1	16+48.23	-75.00	573409.9840	1259617.3300
SRVRD_1	16+48.23	-50.00	573425.9405	1259598.0845
SRVRD_1	16+48.23	30.00	573477.0014	1259536.4989
SRVRD_1	18+94.35	-75.00	573227.5353	1259543.4834
SRVRD_1	18+94.35	-60.00	573228.6885	1259528.5278
SRVRD_1	22+00.00	-60.00	572923.9383	1259505.0289
SRVRD_1	22+00.00	-37.70	572925.6531	1259482.7901
SRVRD_1	25+59.63	-55.47	572565.7218	1259472.8613

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
SRVRD_3	15+92.09	20.78	558103.0223	1265499.2963
SRVRD_3	20+00.00	60.00	557724.0271	1265634.8582
SRVRD_3	23+00.00	60.00	557449.6414	1265756.1533
SRVRD_3	24+67.00	60.00	557354.7267	1265730.5276
SRVRD_3	24+71.27	-49.37	557292.1341	1265820.3143

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
SRVRD_4	10+24.00	70.35	560937.4114	1264208.4981
SRVRD_4	12+09.72	-30.00	560808.1177	1264375.3718
SRVRD_4	14+00.00	95.00	560583.5483	1264337.9759
SRVRD_4	14+00.00	55.00	560599.7210	1264374.5607
SRVRD_4	15+70.00	55.00	560444.2357	1264443.2946
SRVRD_4	16+50.00	55.00	560386.4179	1264458.7265
SRVRD_4	18+00.00	60.00	560271.8191	1264419.3259
SRVRD_4	18+50.00	38.00	560217.1980	1264418.5937
SRVRD_4	20+20.00	38.00	560062.5262	1264348.0485
SRVRD_4	20+20.00	29.34	560058.9311	1264355.9308

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
SRVRD_5	14+45.00	-95.00	560991.6293	1264793.2952
SRVRD_5	15+50.00	-80.00	560927.3461	1264928.7247
SRVRD_5	18+65.00	-60.00	560706.7220	1265163.8156
SRVRD_5	19+82.13	-60.00	560631.7348	1265253.7894
SRVRD_5	21+56.88	-60.00	560432.5831	1265347.3289
SRVRD_5	22+79.51	-60.00	560309.9523	1265347.6005

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	643+80.00	180.00	575810.2360	1259035.5913
L	643+80.00	150.00	575819.1050	1259064.2501
L	646+25.00	-208.01	575678.3679	1259475.3900
L	646+75.00	180.00	575536.9806	1259110.6117
L	646+75.00	150.00	575543.9881	1259139.7818
L	669+10.00	160.00	573368.9898	1259178.2776
L	669+10.01	150.00	573368.2146	1259188.2473
L	676+67.00	165.00	572614.6147	1259115.0938
L	676+94.26	165.00	572587.4396	1259112.9983
L	677+49.50	-137.98	572509.0642	1259410.8325
L	677+54.82	184.00	572528.5163	1259089.3983
L	677+60.00	-138.00	572498.5951	1259410.0471
L	677+71.00	-126.00	572488.5503	1259397.2369
L	677+71.00	-114.61	572489.4262	1259385.8773
L	677+75.00	184.00	572508.3951	1259087.8469
L	677+83.00	150.00	572497.8048	1259121.1312
L	684+40.00	150.00	571842.7494	1259070.6207
L	684+40.00	175.00	571844.6714	1259045.6947
L	684+85.00	150.00	571797.8825	1259067.1611
L	684+85.00	175.00	571799.8046	1259042.2350
L	687+72.00	175.00	571509.3435	1259022.2654
L	687+72.00	150.00	571508.0137	1259047.2300
L	688+15.72	-181.00	571447.7777	1259375.6130
L	688+61.00	166.00	571418.0335	1259026.9449
L	688+61.00	174.00	571418.3659	1259018.9518
L	689+81.08	168.12	571295.4709	1259020.6922
L	690+99.00	-184.00	571171.3099	1259370.6072
L	692+26.00	184.00	571045.0842	1259002.3541
L	693+17.00	194.00	570951.7186	1258993.4897
L	693+36.00	150.00	570933.1466	1259037.8577
L	693+70.00	-167.00	570906.4320	1259355.5498
L	693+87.00	-150.00	570889.3455	1259338.9913
L	715+00.00	150.00	568762.9071	1259393.0912
L	715+25.00	195.00	568724.9911	1259357.8646
L	715+40.00	-150.00	568815.2871	1259691.1700
L	715+80.00	-170.00	568784.1465	1259722.2254
L	715+90.00	150.00	568675.5082	1259421.0653
L	718+76.70	-174.55	568511.6526	1259821.5246
L	743+90.00	-185.00	566393.6903	1261039.5576
L	743+90.00	-150.25	566371.7960	1261012.5733
L	759+31.00	-177.00	565200.9497	1262012.8974
L	759+51.00	-161.00	565175.3401	1262013.2865
L	759+86.00	-150.00	565141.3437	1262027.0793
L	759+86.00	-161.00	565148.3450	1262035.5634
L	778+20.00	-235.00	563768.2089	1263260.4720
L	778+70.00	-235.00	563726.9672	1263291.3796
L	778+70.00	-191.59	563701.0453	1263256.5537
L	796+35.00	-230.00	562155.4618	1264195.2276
L	796+35.00	-174.82	562133.1197	1264144.7709
L	846+28.00	439.00	557318.1555	1265602.1679
L	846+55.00	425.00	557299.1212	1265625.8891
L	847+40.00	170.00	557324.4794	1265893.4839
L	847+77.00	-198.00	557439.4272	1266245.0233
L	847+81.00	-207.00	557439.4076	1266254.8722
L	848+10.00	-197.00	557408.8405	1266257.4512
L	849+50.00	-167.00	557268.6643	1266286.6170
L	849+50.00	-196.50	557280.5931	1266313.6015
L	852+89.00	-194.00	556971.5179	1266447.9908
L	854+86.00	-211.00	556810.6161	1266544.1675
L	854+86.00	-218.00	556813.8297	1266550.3863
L	855+08.00	-211.00	556792.6601	1266553.5395
L	855+08.00	-218.00	556795.9250	1266559.7315
L	856+31.00	201.00	556483.4760	1266254.8559
L	856+31.00	192.00	556488.1125	1266262.5697

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	8+59.00	55.00	573960.5995	1260454.3960
Y1	8+59.00	30.55	573936.6211	1260459.1697
Y1	8+60.00	-67.00	573840.7524	1260477.2361
Y1	8+60.00	-29.44	573877.5859	1260469.9031
Y1	8+91.00	-65.00	573836.6611	1260446.4422
Y1	8+91.00	-29.49	573871.4843	1260439.5094
Y1	9+90.00	-60.00	573822.2348	1260348.3714
Y1	10+61.00	75.00	573940.7736	1260252.3789
Y1	10+61.00	65.00	573930.9661	1260254.3314
Y1	10+81.00	75.00	573936.8685	1260232.7638
Y1	10+81.00	65.00	573927.0610	1260234.7164
Y1	11+98.00	-60.00	573781.6224	1260144.3748
Y1	12+71.00	66.00	573890.9438	1260048.1780
Y1	15+64.00	99.00	573866.0998	1259754.3741
Y1	15+64.00	94.00	573861.1960	1259755.3503
Y1	15+84.00	95.00	573858.2717	1259735.5400
Y1	15+84.00	101.00	573864.1562	1259734.3685
Y1	17+82.00	110.00	573834.3231	1259538.4221
Y1	17+82.00	117.00	573841.1884	1259537.0554
Y1	17+94.00	116.48	573838.3336	1259525.3882
Y1	21+06.53	103.77	573764.8500	1259221.3508
Y1	21+76.00	85.00	573732.8749	1259156.8867
Y1	21+92.55	-156.67	573492.6228	1259187.8108
Y1	22+11.00	89.00	57	

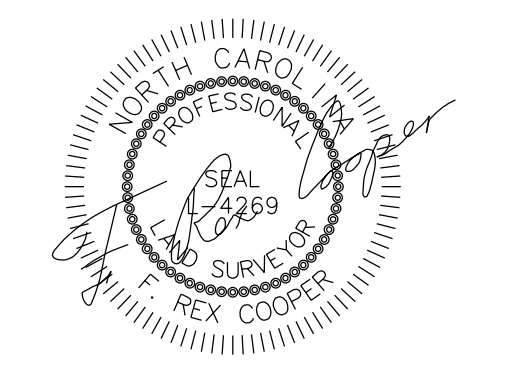






6/2/22

Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

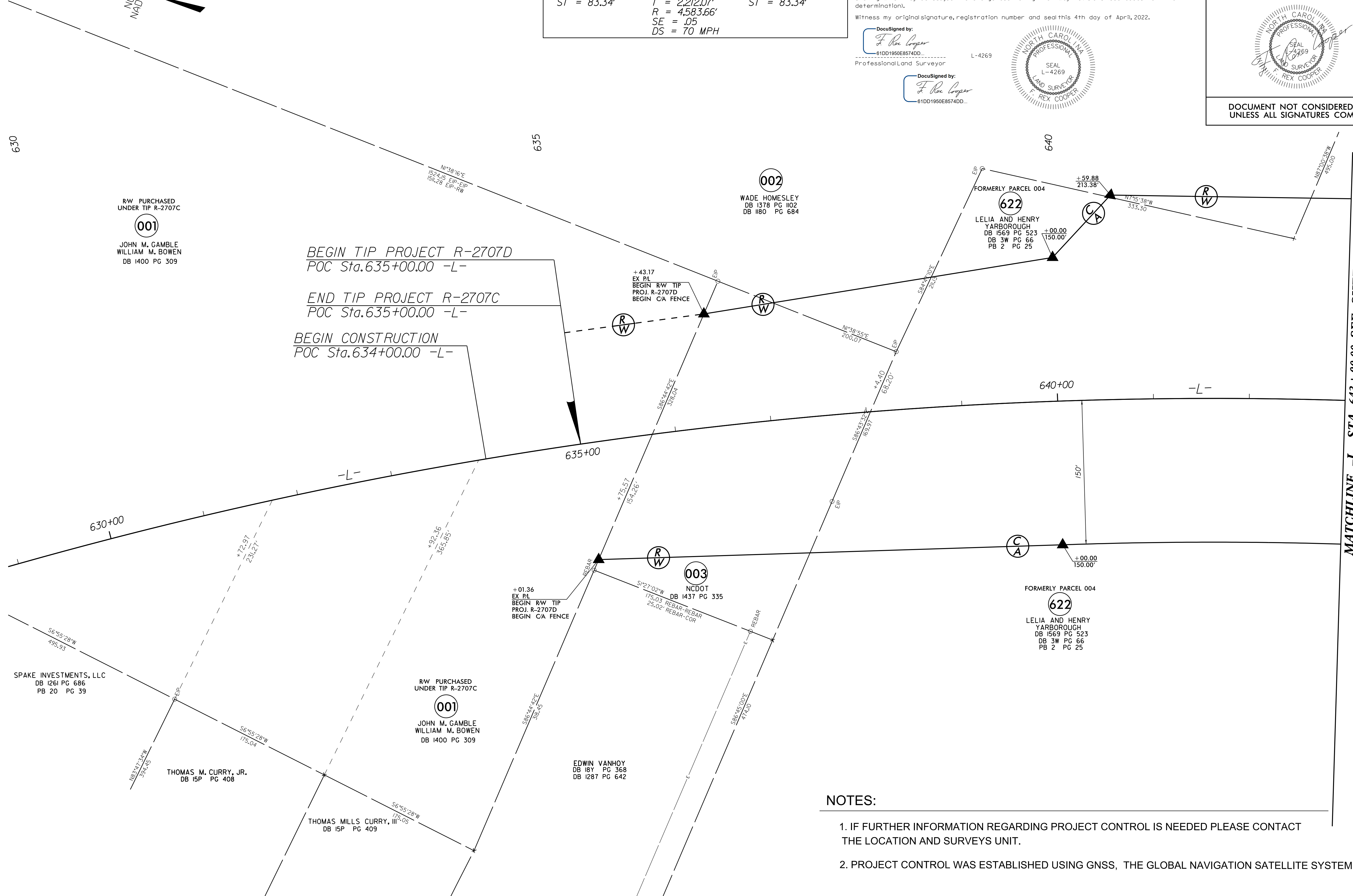
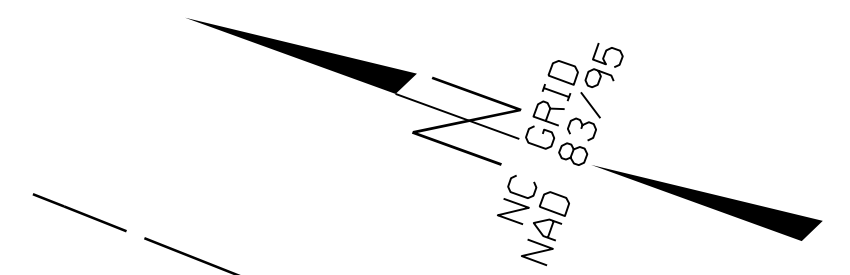
I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway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

Witness my original signature, registration number and seal this 4th day of April, 2022.

DocuSigned by:  
*F. Rex Cooper*  
 61DD1950E8574DD... L-4269  
 Professional Land Surveyor

DocuSigned by:  
*F. Rex Cooper*  
 61DD1950E8574DD...

-L-		
Pls Sta 617+78.16	Pls Sta 640+73.56	Pls Sta 660+66.73
Os = 1' 33" 45.0"	Δ = 51' 31" 25.8" (RT)	Os = 1' 33" 45.0"
Ls = 250.00'	D = 1' 15" 00.0"	Ls = 250.00'
LT = 166.67'	L = 4,121.91'	LT = 166.67'
ST = 83.34'	T = 2,212.07'	ST = 83.34'
	R = 4,583.66'	
	SE = .05	
	DS = 70 MPH	



REVISIONS

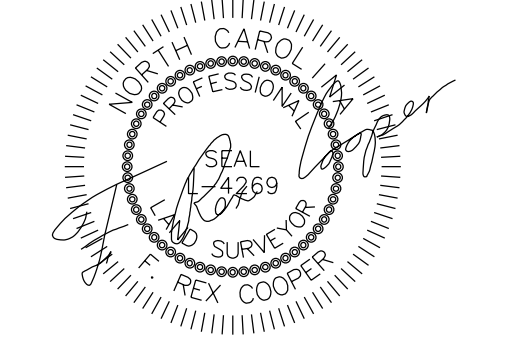
MATCHLINE -L- STA 643 +00.00 SEE SHEET 5

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.

SYTIME  
 6/2/22

Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

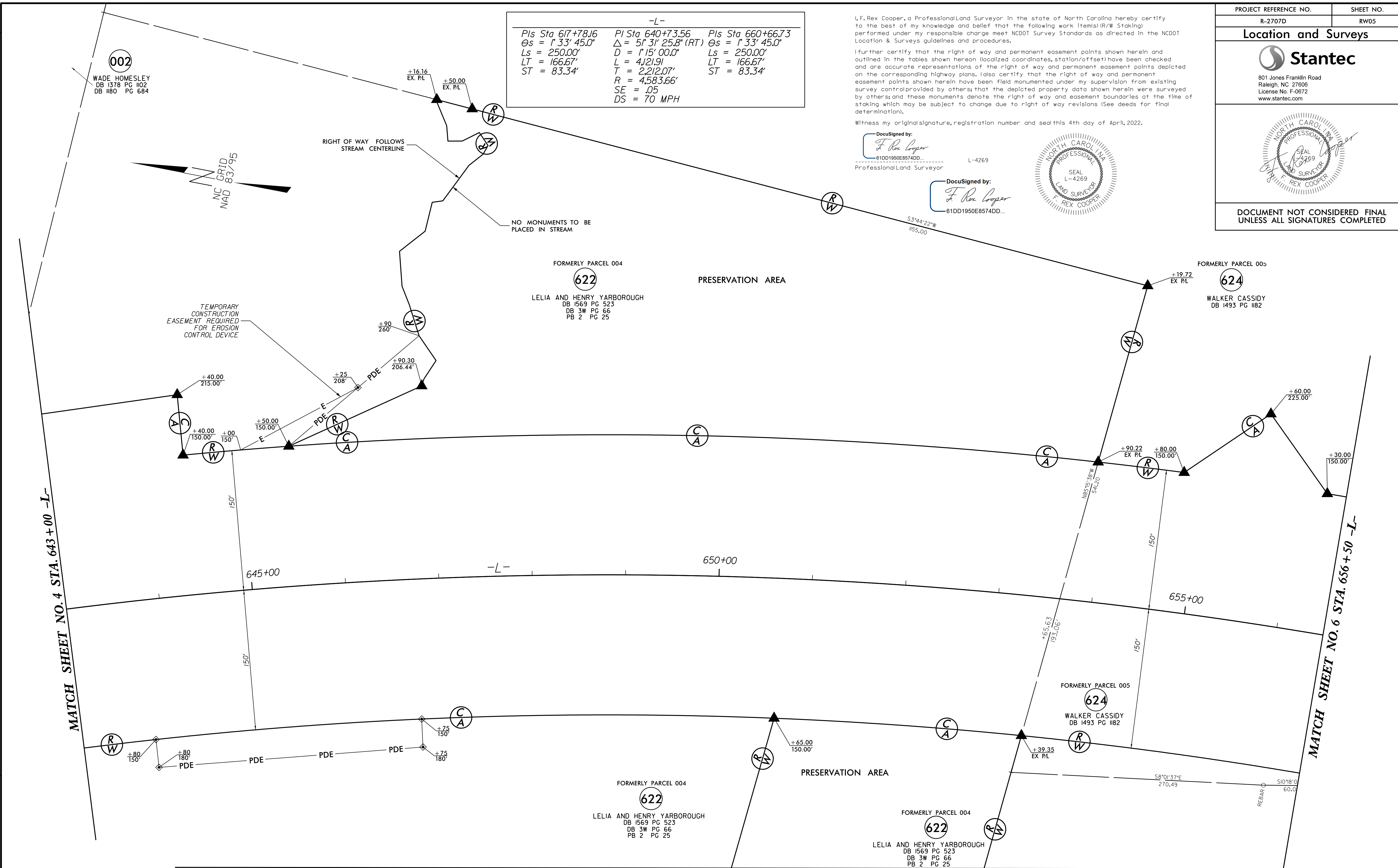
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 61DD1950E8574DD... L-4269  
 Professional Land Surveyor

DocuSigned by:  
*F. Rex Cooper*  
 61DD1950E8574DD...

-L-		
Pls Sta 617+78.16	Pls Sta 640+73.56	Pls Sta 660+66.73
$\theta_s = 1^{\circ}33'45.0''$	$\Delta = 51^{\circ}31'25.8''(RT)$	$\theta_s = 1^{\circ}33'45.0''$
$L_s = 250.00'$	$D = 1^{\circ}15'00.0''$	$L_s = 250.00'$
$LT = 166.67'$	$L = 4,121.91'$	$LT = 166.67'$
$ST = 83.34'$	$T = 2,212.07'$	$ST = 83.34'$
	$R = 4,583.66'$	
	$SE = .05$	
	$DS = 70\text{ MPH}$	



REVISIONS

MATCH SHEET NO. 5A

NOTES:

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

6/2/22  
 \$\$\$\$SYTIME\$\$\$\$  
 \$\$\$\$DATE\$\$\$\$  
 \$\$\$\$TIME\$\$\$\$  
 \$\$\$\$USER\$\$\$\$



6/2/22

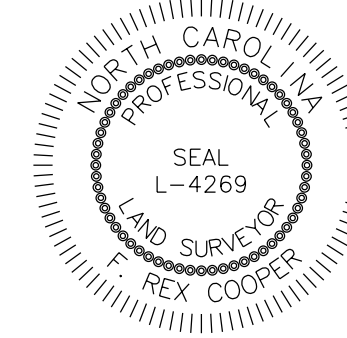
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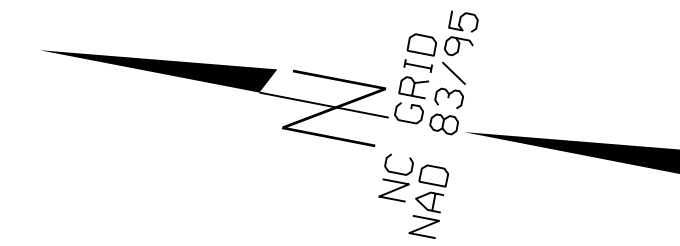
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DocuSigned by:  
F. Rex Cooper  
61DD1950E8574DD...  
Professional Land Surveyor

L-4269



DocuSigned by:  
F. Rex Cooper  
61DD1950E8574DD...

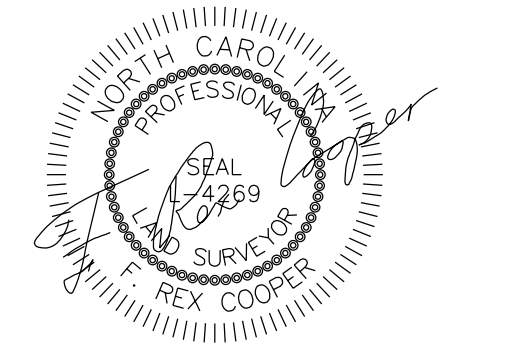


PROJECT REFERENCE NO. SHEET NO.  
R-2707D RW05A

Location and Surveys

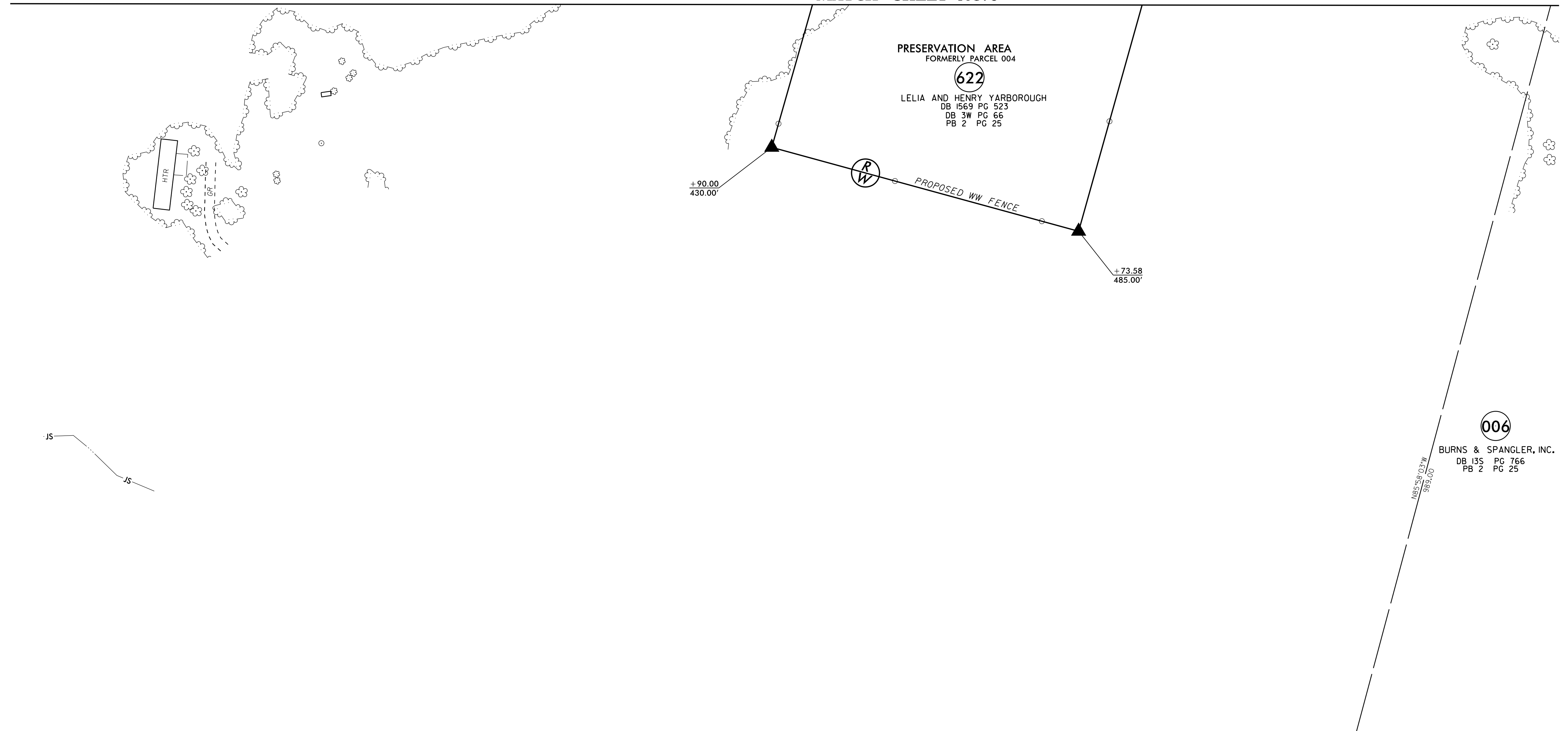


801 Jones Franklin Road  
Raleigh, NC 27606  
License No. F-0672  
www.stantec.com



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MATCH SHEET NO. 5



REVISIONS

NOTES:

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

\$\$\$SYTIME\$\$\$  
\$\$\$EDITION\$\$\$  
\$\$\$DATE\$\$\$  
\$\$\$DRAWN\$\$\$  
\$\$\$CHECKED\$\$\$  
\$\$\$DATE\$\$\$  
\$\$\$BY\$\$\$

6/2/20

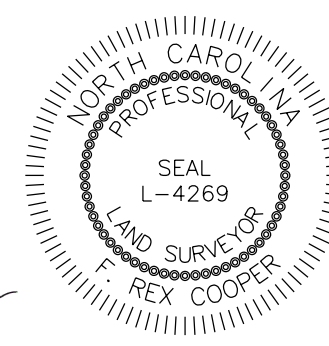
DocuSigned by:  
F. Rex Cooper  
61DD1950E8574DD...

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F. Rex Cooper  
61DD1950E8574DD... L-4269  
Professional Land Surveyor



DocuSigned by:  
F. Rex Cooper  
61DD1950E8574DD...  
FORMERLY PARCEL 005  
624  
WALKER CASSIDY  
DB 1493 PG 1182

DocuSigned by:  
F. Rex Cooper  
61DD1950E8574DD...

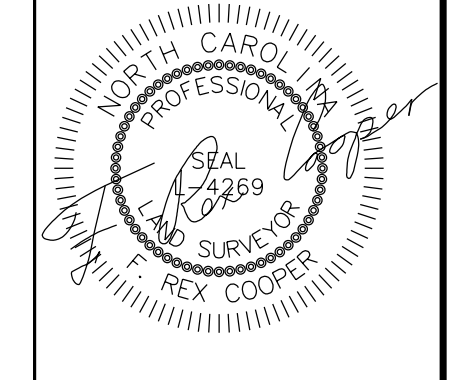
-L-		
Pls Sta 617+78.16	Pls Sta 640+73.56	Pls Sta 660+66.73
Os = 1° 33' 45.0"	Δ = 5' 31' 25.8" (RT)	Os = 1° 33' 45.0"
Ls = 250.00'	D = 1° 15' 00.0"	Ls = 250.00'
LT = 166.67'	L = 4.1219'	LT = 166.67'
ST = 83.34'	T = 2.21207'	ST = 83.34'
	R = 4.583.66'	
	SE = .05	
	DS = 70 MPH	

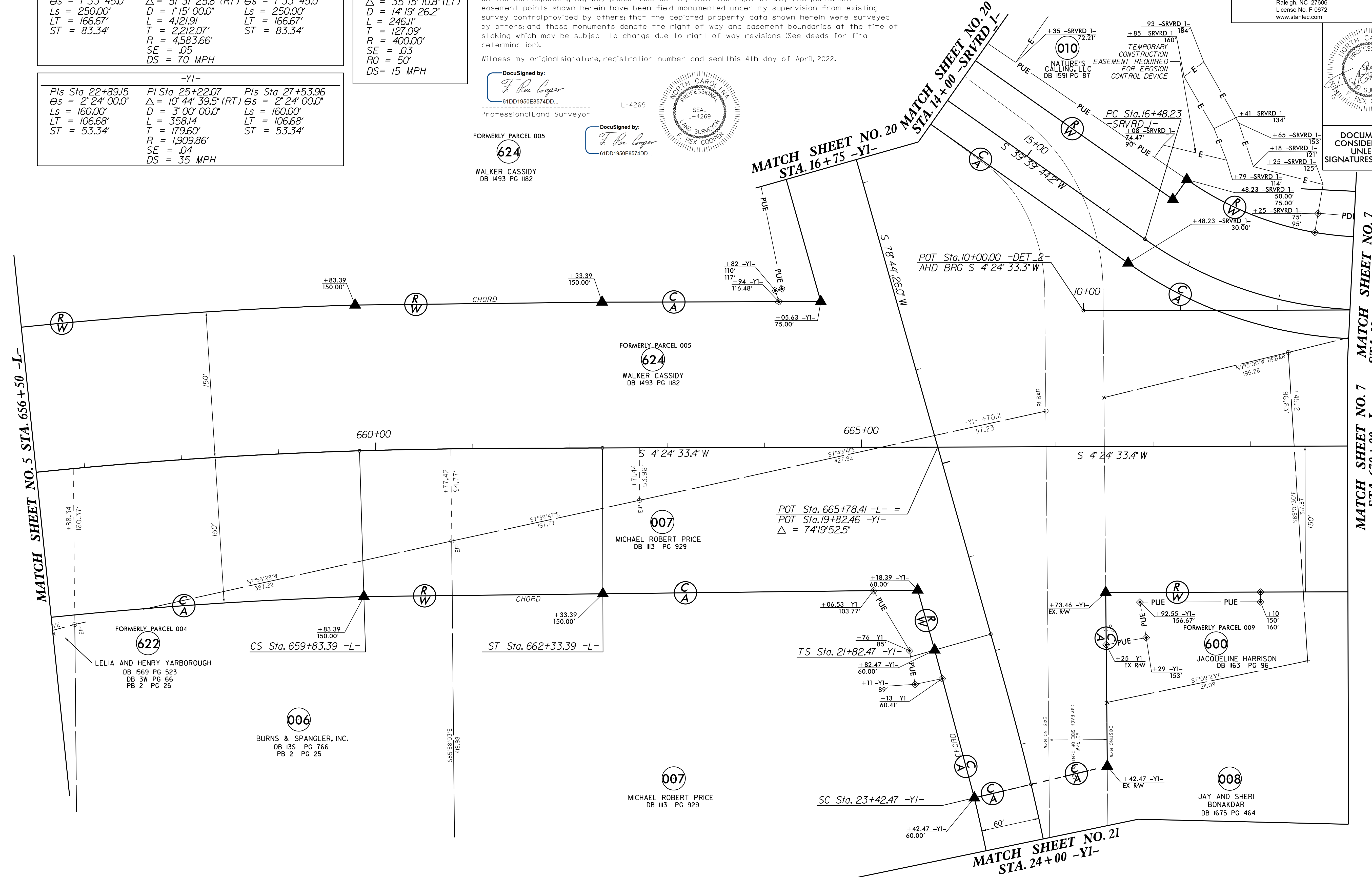
-YI-		
Pls Sta 22+89.15	Pls Sta 25+22.07	Pls Sta 27+53.96
Os = 2° 24' 00.0"	Δ = 10° 44' 39.5" (RT)	Os = 2° 24' 00.0"
Ls = 160.00'	D = 3° 00' 00.0"	Ls = 160.00'
LT = 106.68'	L = 358.14'	LT = 106.68'
ST = 53.34'	T = 179.60'	ST = 53.34'
	R = 1,909.86'	
	SE = .04	
	DS = 35 MPH	

-SRVRD_I-
Pls Sta 17+75.32
Δ = 35° 15' 10.8" (LT)
D = 14° 19' 26.2"
L = 246.11'
T = 127.09'
R = 400.00'
SE = .03
RO = 50'
DS = 15 MPH

PROJECT REFERENCE NO. R-2707D	SHEET NO. RW06
Location and Surveys	
801 Jones Franklin Road Raleigh, NC 27606 License No. F-0672 www.stantec.com	



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



REVISIONS

\*\*\*\*\*SYTIME\*\*\*\*\*  
\*\*\*\*\*ADDONS\*\*\*\*\*  
\*\*\*\*\*\*\*\*\*\*

- 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.



6/2/22

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DocuSigned by: F. Rex Cooper 61DD1950E8574DD... Professional Land Surveyor L-4269

DocuSigned by: F. Rex Cooper 61DD1950E8574DD...

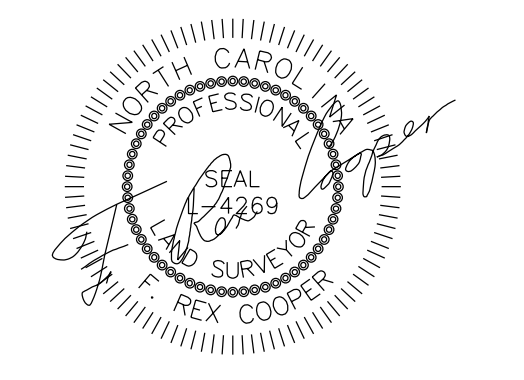


PROJECT REFERENCE NO.	SHEET NO.
R-2707D	RW07

Location and Surveys



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Raleigh, NC 27606  
License No. F-0672  
www.stantec.com

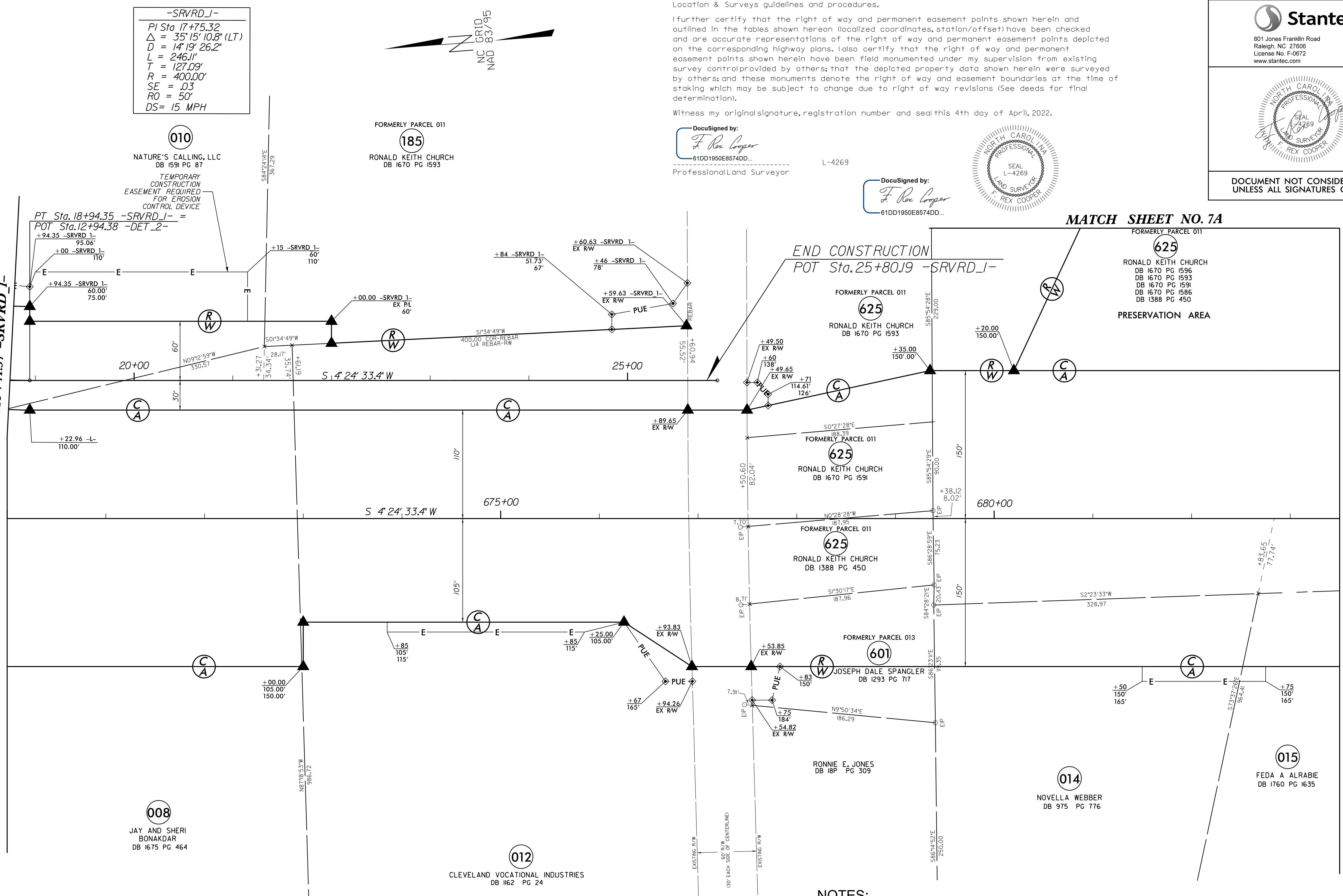


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

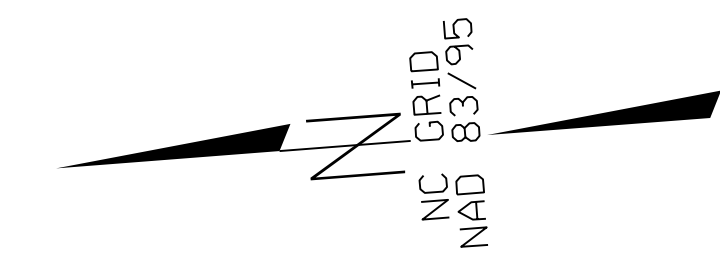
MATCH SHEET NO. 6  
STA. 18 + 71.37 -SRVRD 1-

MATCH SHEET NO. 7A

MATCH SHEET NO. 8  
STA. 683 + 50 -L-



-SRVRD 1-  
 PI Sta 17+75.32  
 $\Delta = 35^{\circ}15'10.8''$  (LT)  
 $D = 14^{\circ}19'26.2''$   
 $L = 246.11'$   
 $T = 127.09'$   
 $R = 400.00'$   
 $SE = .03$   
 $RO = 50'$   
 $DS = 15$  MPH



FORMERLY PARCEL 011  
185  
RONALD KEITH CHURCH  
DB 1670 PG 1593

FORMERLY PARCEL 011  
625  
RONALD KEITH CHURCH  
DB 1670 PG 1593

FORMERLY PARCEL 011  
625  
RONALD KEITH CHURCH  
DB 1670 PG 1591

FORMERLY PARCEL 011  
625  
RONALD KEITH CHURCH  
DB 1388 PG 450

FORMERLY PARCEL 013  
601  
JOSEPH DALE SPANGLER  
DB 1293 PG 717

RONNIE E. JONES  
DB 18P PG 309

014  
NOVELLA WEBBER  
DB 975 PG 776

015  
FEDA A ALRABIE  
DB 1760 PG 1635

010  
NATURE'S CALLING, LLC  
DB 1591 PG 87

TEMPORARY CONSTRUCTION EASEMENT REQUIRED FOR EROSION CONTROL DEVICE

012  
CLEVELAND VOCATIONAL INDUSTRIES  
DB 1162 PG 24

008  
JAY AND SHERI BONAKDAR  
DB 1675 PG 464

END CONSTRUCTION  
POT Sta. 25+80.19 -SRVRD 1-

FORMERLY PARCEL 011  
625  
RONALD KEITH CHURCH  
DB 1670 PG 1596  
DB 1670 PG 1593  
DB 1670 PG 1591  
DB 1670 PG 1586  
DB 1388 PG 450  
PRESERVATION AREA

NOTES:

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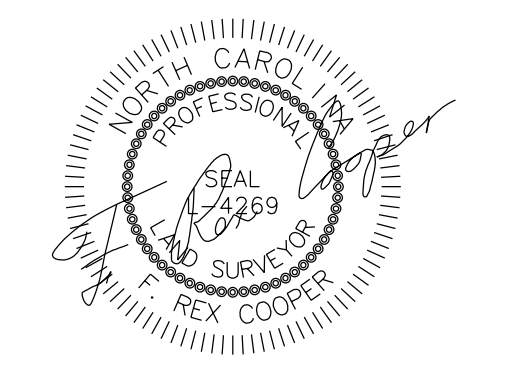
REVISIONS

SYTIME



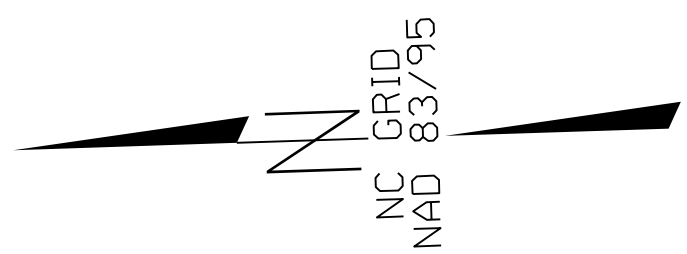


Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-		
Pls Sta 686+23.97	PI Sta 716+56.80	Pls Sta 744+15.89
$\Theta s = 0^{\circ} 45' 00.0''$	$\Delta = 42^{\circ} 26' 22.0'' (LT)$	$\Theta s = 0^{\circ} 45' 00.0''$
Ls = 200.00'	D = $0^{\circ} 45' 00.0''$	Ls = 200.00'
LT = 133.33'	L = 5,658.59	LT = 133.33'
ST = 66.67'	T = 2,966.17'	ST = 66.67'
	R = 7,639.44'	
	SE = .03	
	DS = 70 MPH	

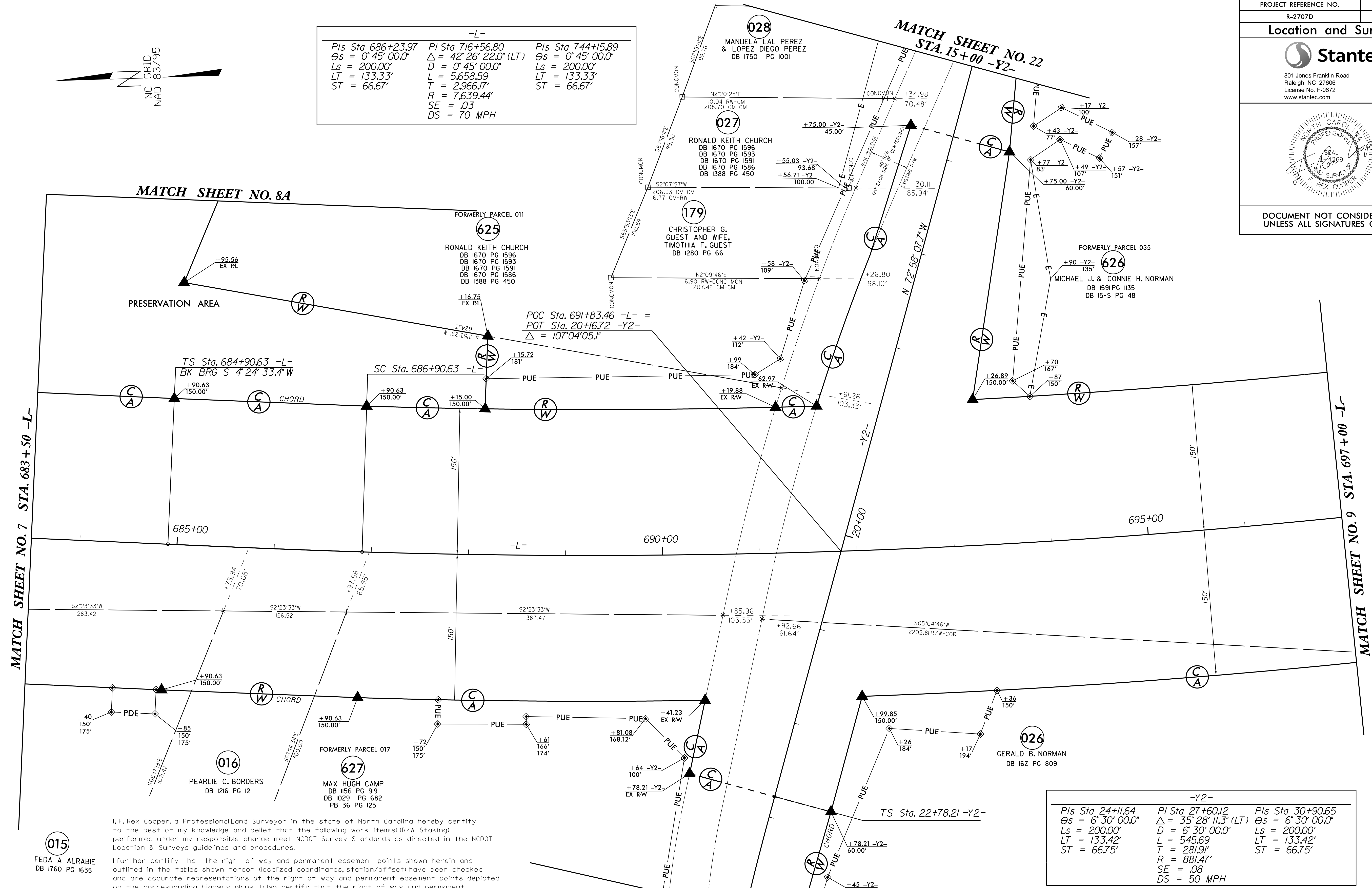


MATCH SHEET NO. 8A

MATCH SHEET NO. 22  
STA. 15+00 -Y2-

MATCH SHEET NO. 7 STA. 683+50 -L-

MATCH SHEET NO. 9 STA. 697+00 -L-



POC Sta. 691+83.46 -L- =  
POT Sta. 20+16.72 -Y2-  
 $\Delta = 107^{\circ} 04' 05.1''$

TS Sta. 684+90.63 -L-  
BK BRG S  $4^{\circ} 24' 33.4''$  W

SC Sta. 686+90.63 -L-

TS Sta. 22+78.21 -Y2-

-Y2-		
Pls Sta 24+11.64	PI Sta 27+60.12	Pls Sta 30+90.65
$\Theta s = 6^{\circ} 30' 00.0''$	$\Delta = 35^{\circ} 28' 11.3'' (LT)$	$\Theta s = 6^{\circ} 30' 00.0''$
Ls = 200.00'	D = $6^{\circ} 30' 00.0''$	Ls = 200.00'
LT = 133.42'	L = 545.69	LT = 133.42'
ST = 66.75'	T = 281.91'	ST = 66.75'
	R = 881.47'	
	SE = .08	
	DS = 50 MPH	

015  
FEDA A ALRABIE  
DB 1760 PG 1635

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*F. Rex Cooper*  
61DD1950E8574DD...  
Professional Land Surveyor

DocuSigned by:  
*F. Rex Cooper*  
61DD1950E8574DD...  
L-4269



MATCH SHEET NO. 23  
STA. 24+00 -Y2-

NOTES:

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REVISIONS

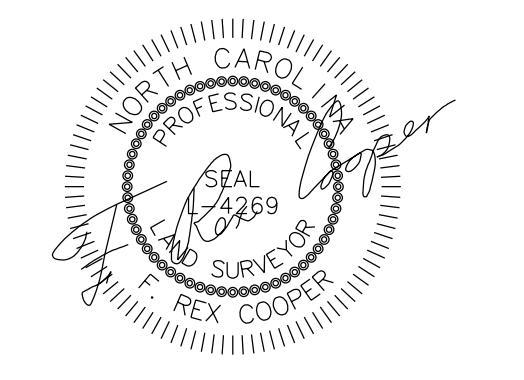
6/2/22

SYTIME



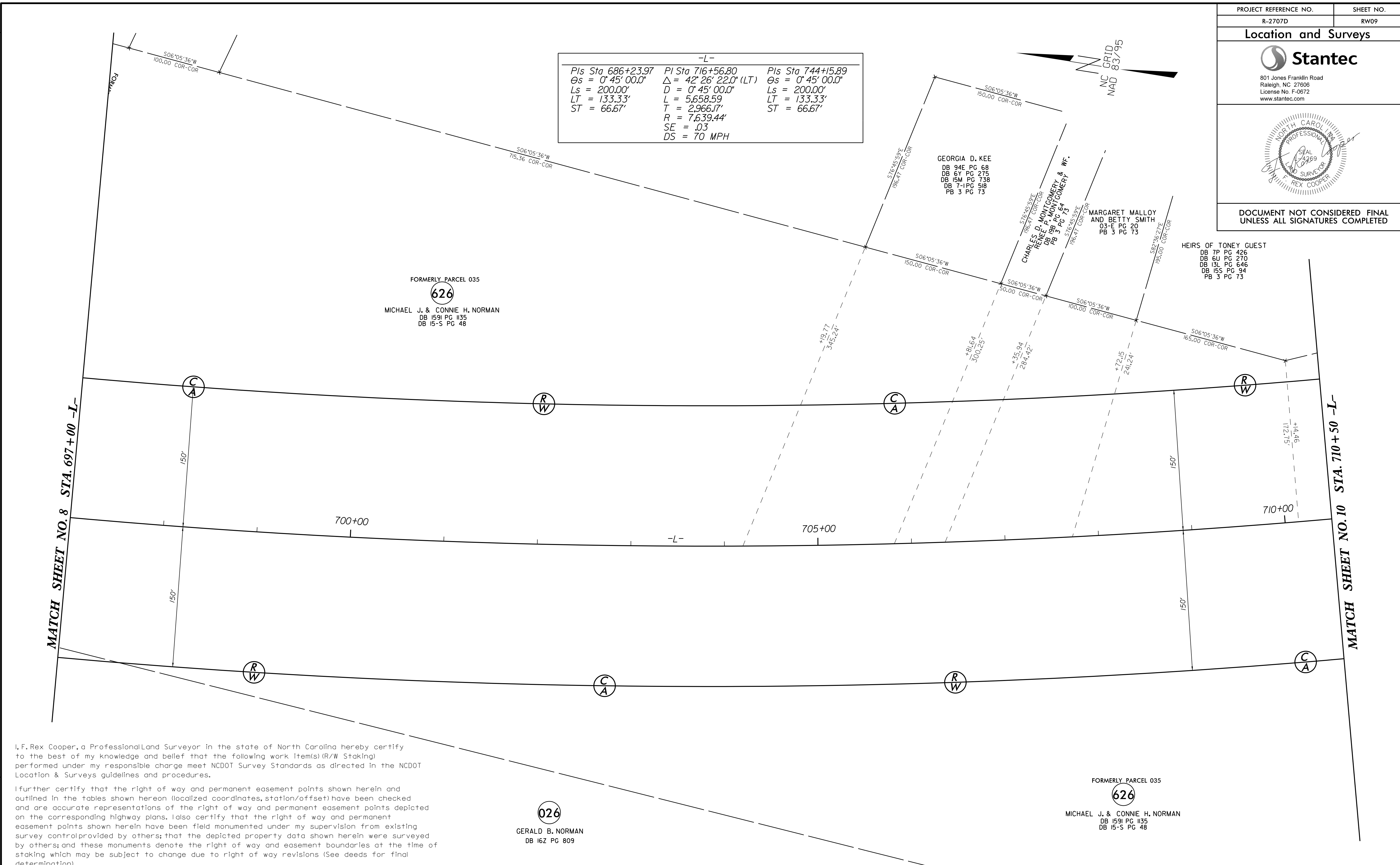


Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-		
PIs Sta 686+23.97	PI Sta 716+56.80	PIs Sta 744+15.89
$\theta_s = 0^\circ 45' 00.0''$	$\Delta = 42^\circ 26' 22.0''$ (LT)	$\theta_s = 0^\circ 45' 00.0''$
LS = 200.00'	D = 0' 45' 00.0"	LS = 200.00'
LT = 133.33'	L = 5,658.59'	LT = 133.33'
ST = 66.67'	T = 2,966.17'	ST = 66.67'
	R = 7,639.44'	
	SE = .03	
	DS = 70 MPH	



FORMERLY PARCEL 035  
**626**  
MICHAEL J. & CONNIE H. NORMAN  
DB 1591 PG 1135  
DB 15-5 PG 48

GEORGIA D. KEE  
DB 94E PG 68  
DB 6Y PG 275  
DB 15M PG 738  
DB 7-1 PG 518  
PB 3 PG 73

MARGARET MALLOY  
AND BETTY SMITH  
DB 3 PG 20  
PB 3 PG 73

HEIRS OF TONEY GUEST  
DB 7P PG 426  
DB 6U PG 270  
DB 13U PG 646  
DB 15S PG 94  
PB 3 PG 73

**026**  
GERALD B. NORMAN  
DB 16Z PG 809

FORMERLY PARCEL 035  
**626**  
MICHAEL J. & CONNIE H. NORMAN  
DB 1591 PG 1135  
DB 15-5 PG 48

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*F. Rex Cooper*  
61DD1950E8574DD...  
Professional Land Surveyor

L-4269

DocuSigned by:  
*F. Rex Cooper*  
61DD1950E8574DD...

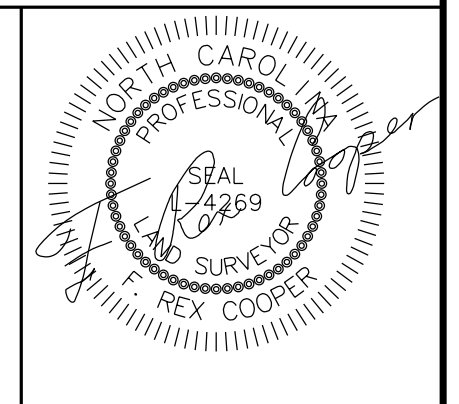


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REVISIONS

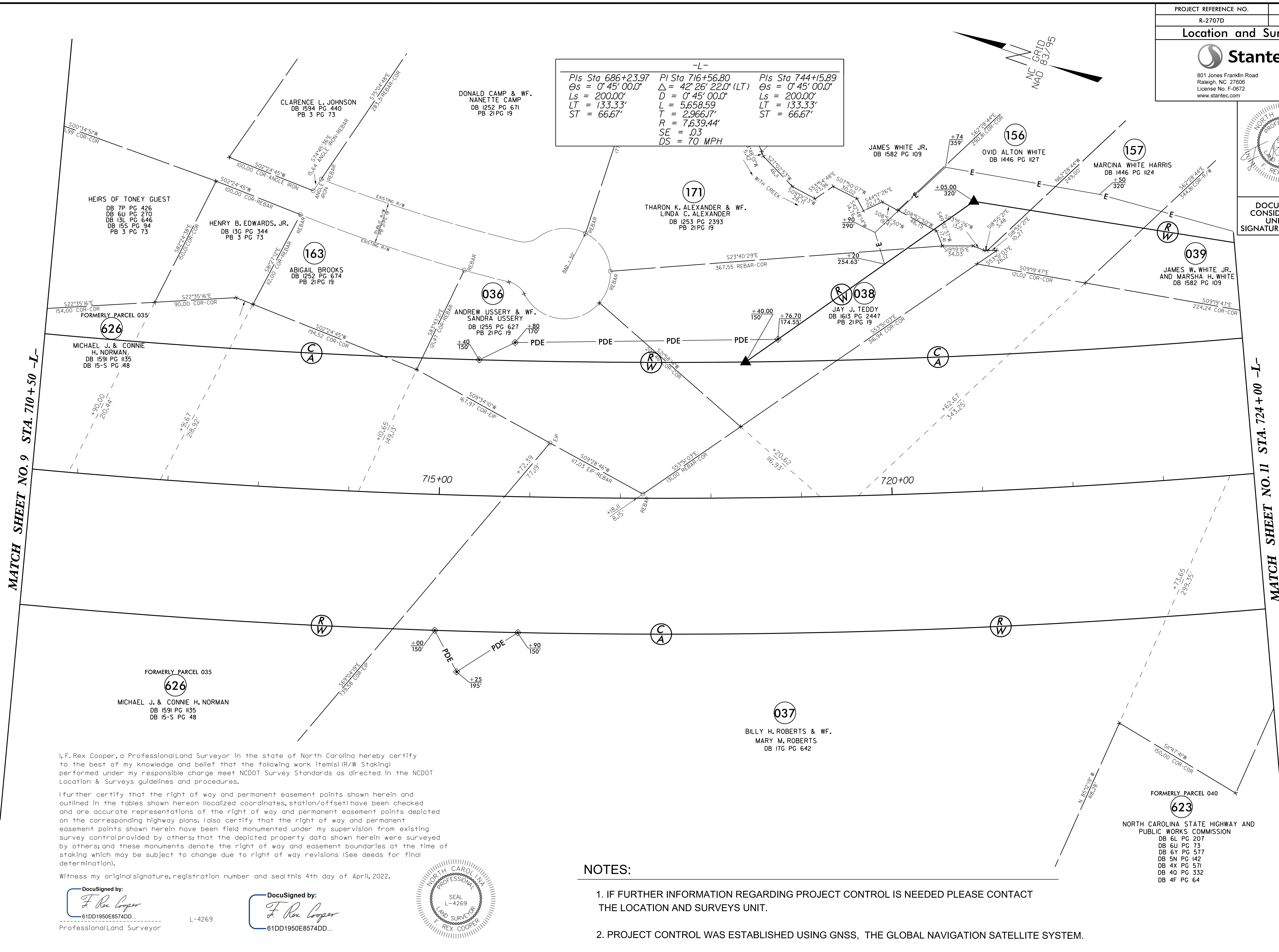
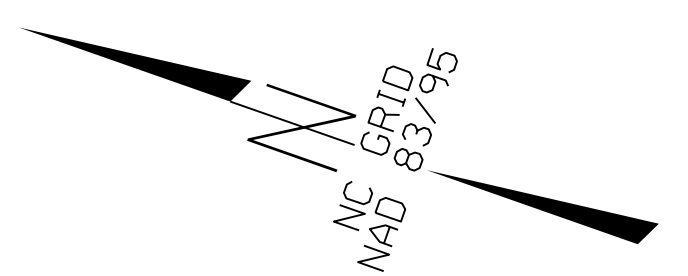
6/2/22



DOCUMENT NOT  
CONSIDERED FINAL  
UNLESS ALL  
SIGNATURES COMPLETED

-L-

Pls Sta 686+23.97 Øs = 0° 45' 00.0" Ls = 200.00' LT = 133.33' ST = 66.67'	PI Sta 716+56.80 Δ = 42° 26' 22.0" (LT) D = 0° 45' 00.0" L = 5,658.59 T = 2,966.17' R = 7,639.44' SE = .03 DS = 70 MPH	Pls Sta 744+15.89 Øs = 0° 45' 00.0" Ls = 200.00' LT = 133.33' ST = 66.67'
---	---	---



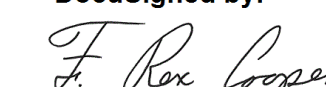
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 61DD1950E8574DD...  
 Professional Land Surveyor

L-4269

DocuSigned by:  
  
 61DD1950E8574DD...



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

REVISIONS

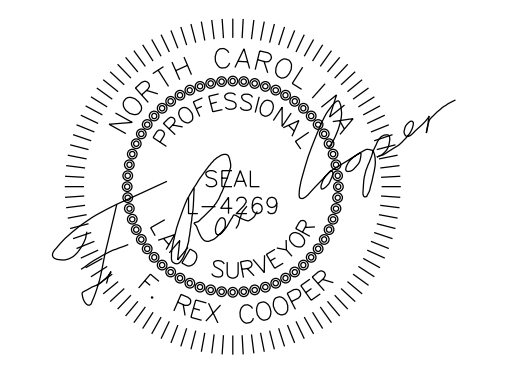
6/2/22

MATCH SHEET NO. 9 STA. 710+50 -L-

MATCH SHEET NO. 11 STA. 724+00 -L-

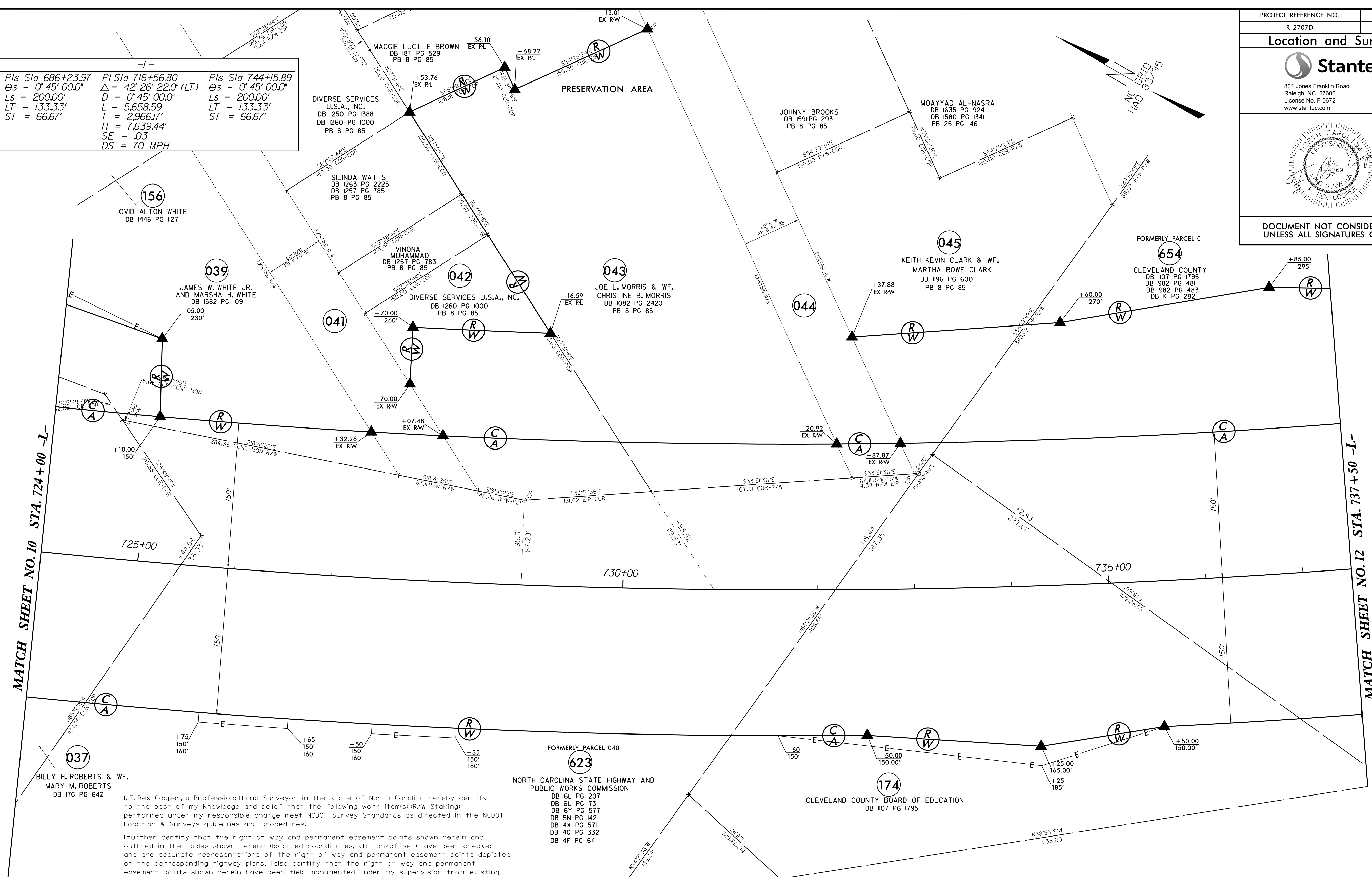


Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-		
Pls Sta 686+23.97	Pls Sta 716+56.80	Pls Sta 744+15.89
$\Theta_s = 0^\circ 45' 00.0''$	$\Delta = 42^\circ 26' 22.0''$ (LT)	$\Theta_s = 0^\circ 45' 00.0''$
$L_s = 200.00'$	$D = 0^\circ 45' 00.0''$	$L_s = 200.00'$
$LT = 133.33'$	$L = 5,658.59'$	$LT = 133.33'$
$ST = 66.67'$	$T = 2,966.17'$	$ST = 66.67'$
	$R = 7,639.44'$	
	$SE = .03$	
	$DS = 70$ MPH	



MATCH SHEET NO. 10 STA. 724+00 -L-

MATCH SHEET NO. 12 STA. 737+50 -L-

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

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

Witness my original signature, registration number and seal this 4th day of April, 2022.

DocuSigned by:  
  
 61DD1950E8574DD...  
 Professional Land Surveyor

L-4269

DocuSigned by:  
  
 61DD1950E8574DD...



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.

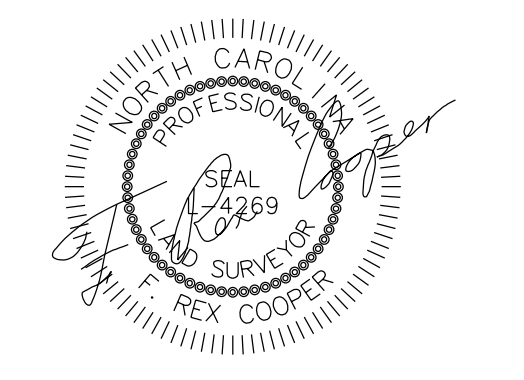
CLEVELAND COUNTY BOARD OF EDUCATION  
 DB 1107 PG 1795  
 DB 982 PG 481  
 DB 982 PG 483  
 DB K PG 282

REVISIONS

6/2/22

\$\$\$\$\$SYTIME\$\$\$\$\$

Location and Surveys

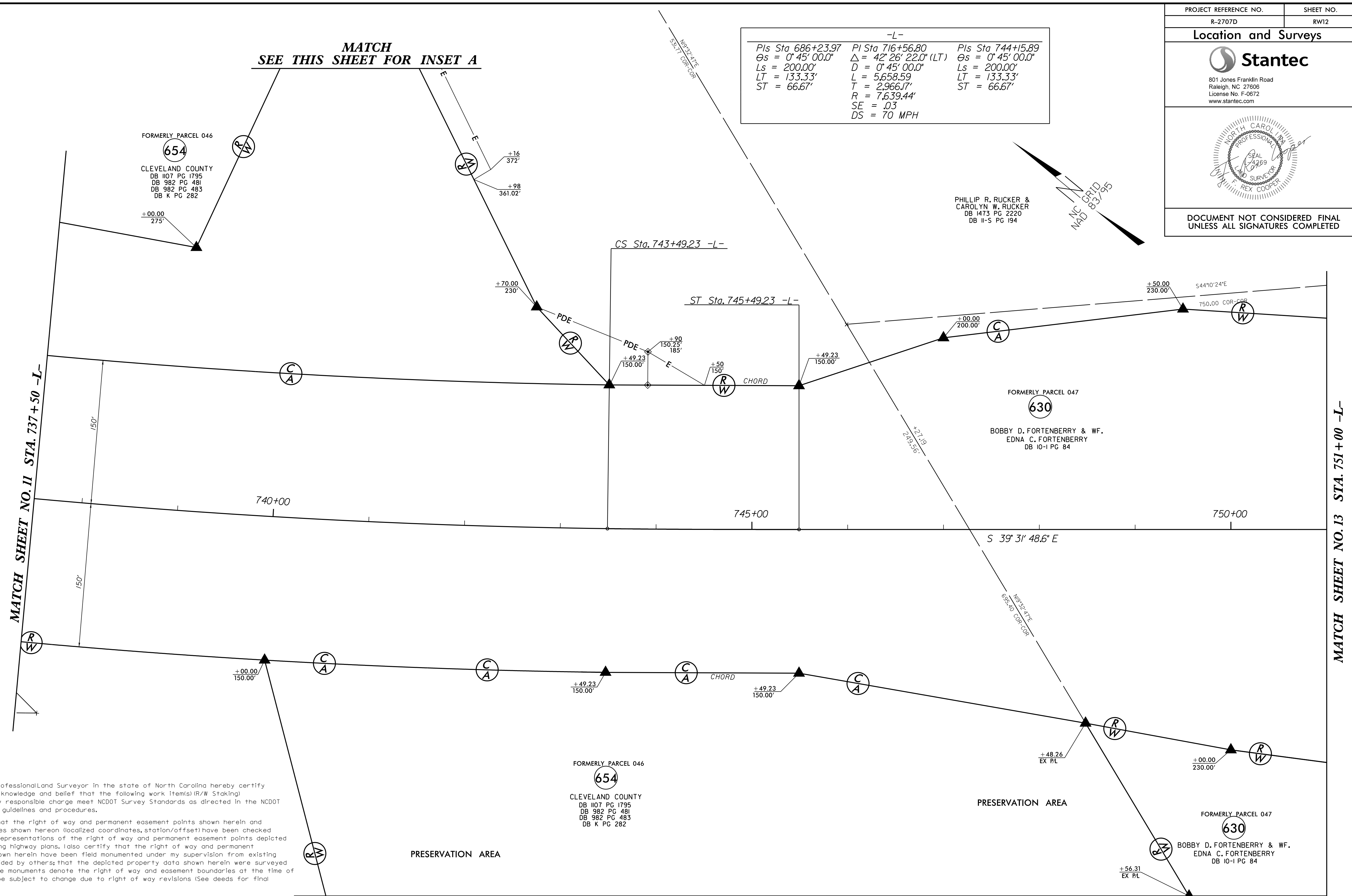


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-		
PIs Sta 686+23.97	PI Sta 716+56.80	PIs Sta 744+15.89
$\Theta s = 0^{\circ} 45' 00.0''$	$\Delta = 42^{\circ} 26' 22.0''$ (LT)	$\Theta s = 0^{\circ} 45' 00.0''$
$Ls = 200.00'$	$D = 0^{\circ} 45' 00.0''$	$Ls = 200.00'$
$LT = 133.33'$	$L = 5,658.59'$	$LT = 133.33'$
$ST = 66.67'$	$T = 2,966.17'$	$ST = 66.67'$
	$R = 7,639.44'$	
	$SE = .03$	
	$DS = 70$ MPH	

PHILLIP R. RUCKER & CAROLYN W. RUCKER  
DB 1473 PG 2220  
DB II-S PG 194

NC GRID  
NAD 83/95



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

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

Witness my original signature, registration number and seal this 4th day of April, 2022.

DocuSigned by:  
*F. Rex Cooper*  
61DD1950E8574DD...  
Professional Land Surveyor



DocuSigned by:  
*F. Rex Cooper*  
61DD1950E8574DD...

MATCH SHEET NO. 12A

- NOTES:
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
  - PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

6/2/22





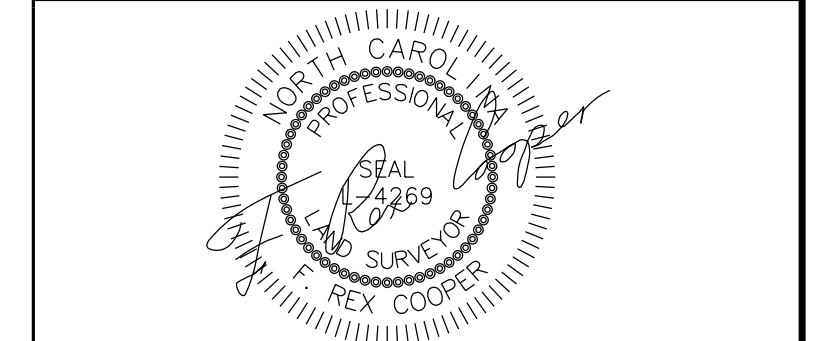


**-PVTENTI-**  
 PI Sta 6+40.93  
 $\Delta = 71^{\circ}06'22.1''$  (LT)  
 $D = 76'23'39.7''$   
 $L = 93.08'$   
 $T = 53.60'$   
 $R = 75.00'$

**-Y3-**  
 PIs Sta 15+95.11 PI Sta 20+76.29 PIs Sta 25+52.55  
 $\Theta_s = 1^{\circ}18'45.0''$   $\Delta = 15^{\circ}00'18.8''$  (RT)  $\Theta_s = 1^{\circ}18'45.0''$   
 $L_s = 150.00'$   $D = 1^{\circ}45'00.0''$   $L_s = 150.00'$   
 $LT = 100.00'$   $L = 857.44'$   $LT = 100.00'$   
 $ST = 50.00'$   $T = 431.19'$   $ST = 50.00'$   
 $R = 3,274.04'$   
 $SE = .04$   
 $DS = 50$  MPH

**-PVTENT6-**  
 PI Sta 11+24.56 PI Sta 12+51.03  
 $\Delta = 50^{\circ}22'45.0''$  (LT)  $\Delta = 5^{\circ}58'18.1''$  (LT)  
 $D = 26^{\circ}38'57.1''$   $D = 19^{\circ}05'54.9''$   
 $L = 189.05'$   $L = 31.27'$   
 $T = 101.12'$   $T = 15.65'$   
 $R = 215.00'$   $R = 300.00'$

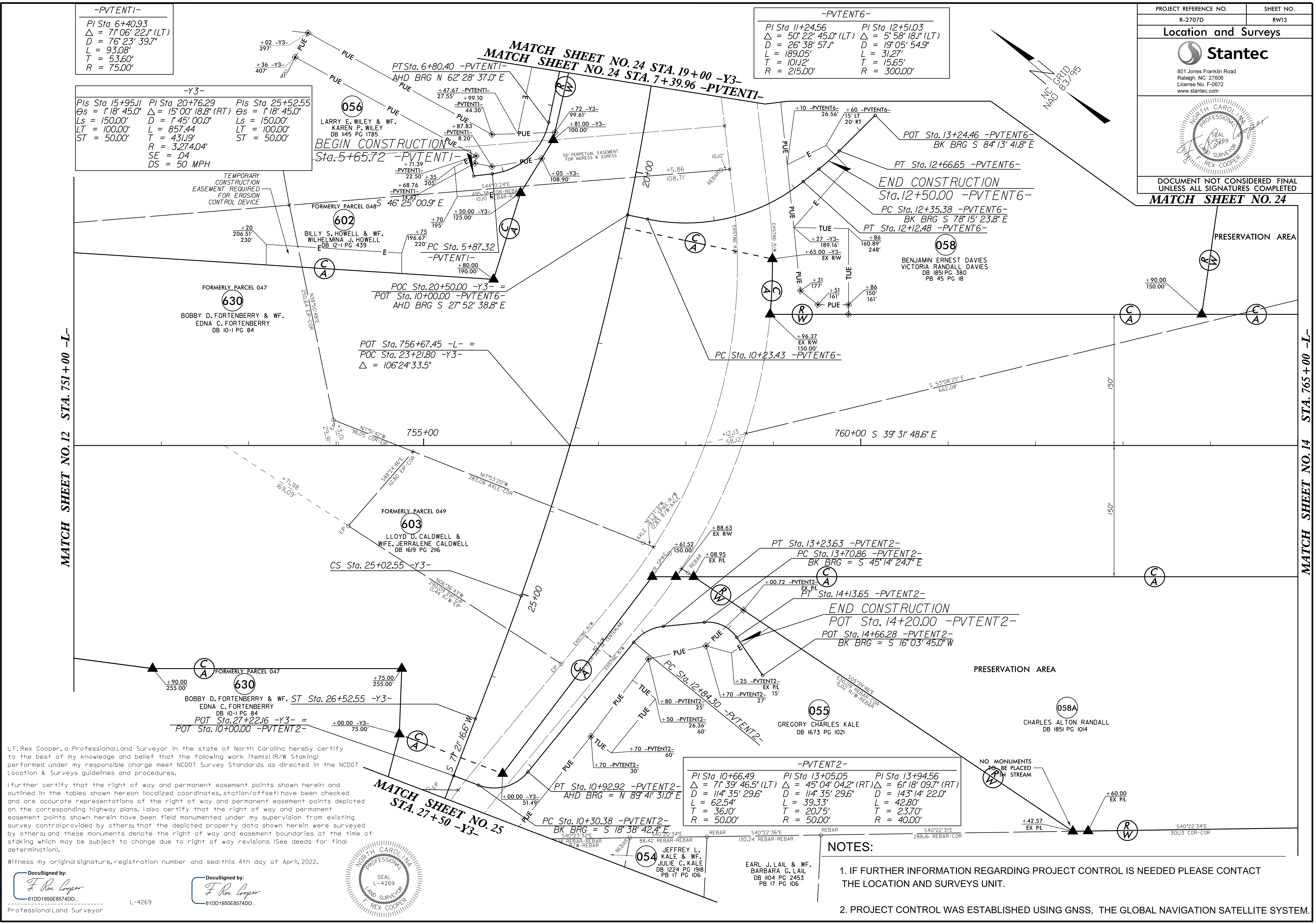
PROJECT REFERENCE NO. R-2707D SHEET NO. RW13  
**Location and Surveys**  
  
 801 Jones Franklin Road  
 Raleigh, NC 27606  
 License No. F-0672  
 www.stantec.com



DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED  
**MATCH SHEET NO. 24**

MATCH SHEET NO. 12 STA. 751+00 -L-

MATCH SHEET NO. 14 STA. 765+00 -L-

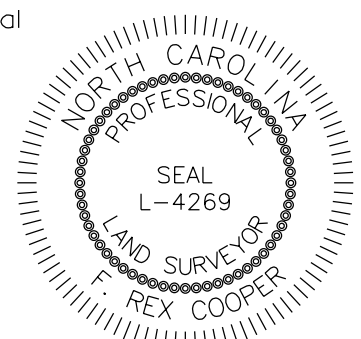


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Witness my original signature, registration number and seal this 4th day of April, 2022.

DocuSigned by:  
  
 61DD1950E8574DD... L-4269  
 Professional Land Surveyor



**-PVTENT2-**  
 PI Sta 10+66.49 PI Sta 13+05.05 PI Sta 13+94.56  
 $\Delta = 71^{\circ}39'46.5''$  (LT)  $\Delta = 45^{\circ}04'04.2''$  (RT)  $\Delta = 61^{\circ}18'09.7''$  (RT)  
 $D = 114^{\circ}35'29.6''$   $D = 114^{\circ}35'29.6''$   $D = 143^{\circ}14'22.0''$   
 $L = 62.54'$   $L = 39.33'$   $L = 42.80'$   
 $T = 36.10'$   $T = 20.75'$   $T = 23.70'$   
 $R = 50.00'$   $R = 50.00'$   $R = 40.00'$

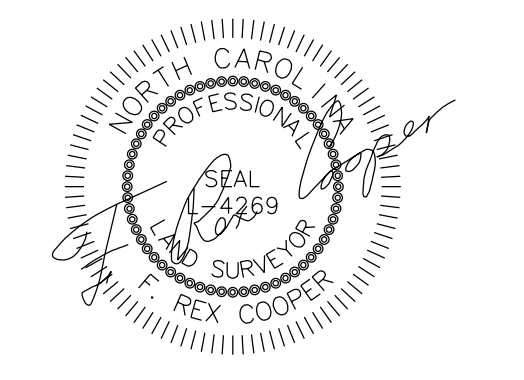
- NOTES:**
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
  - PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

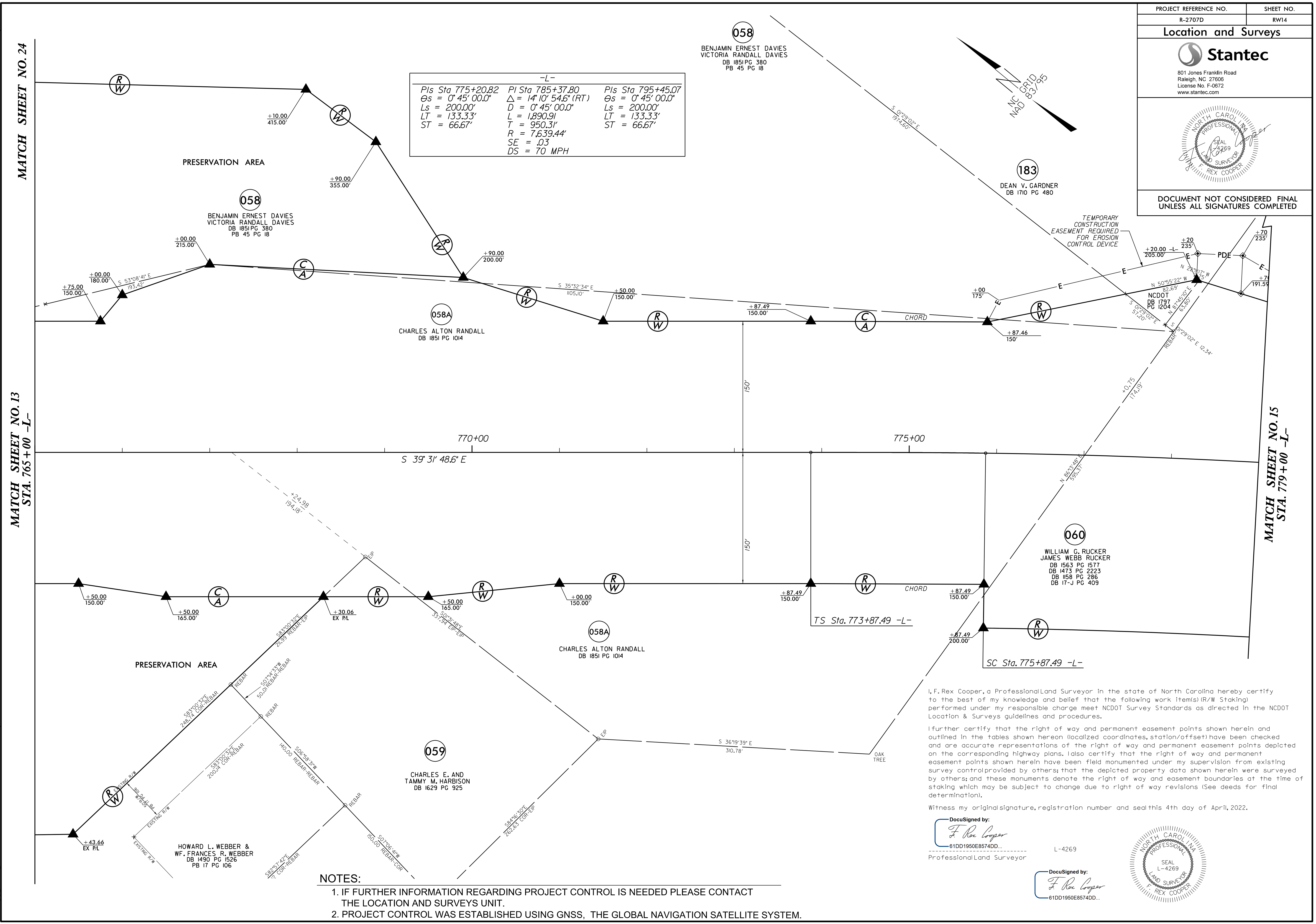
6/2/22



Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



-L-		
Pls Sta 775+20.82	PI Sta 785+37.80	Pls Sta 795+45.07
$\theta_s = 0^\circ 45' 00.0''$	$\Delta = 14^\circ 10' 54.6''$ (RT)	$\theta_s = 0^\circ 45' 00.0''$
$L_s = 200.00'$	$D = 0^\circ 45' 00.0''$	$L_s = 200.00'$
$LT = 133.33'$	$L = 1,890.91'$	$LT = 133.33'$
$ST = 66.67'$	$T = 950.31'$	$ST = 66.67'$
	$R = 7,639.44'$	
	$SE = .03$	
	$DS = 70$ MPH	

REVISIONS

MATCH SHEET NO. 24

MATCH SHEET NO. 13  
STA. 765+00 -L-

MATCH SHEET NO. 15  
STA. 779+00 -L-

NOTES:

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Witness my original signature, registration number and seal this 4th day of April, 2022.

DocuSigned by:  
*F. Rex Cooper*  
61DD1950E8574DD...  
Professional Land Surveyor

L-4269

DocuSigned by:  
*F. Rex Cooper*  
61DD1950E8574DD...



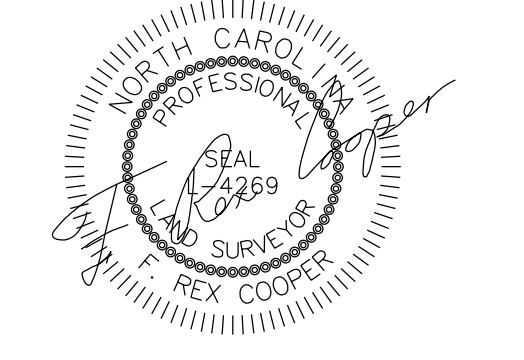
SYTIME\$\$\$\$\$  
\$\$\$\$\$SYTIME\$\$\$\$\$

6/2/22

Location and Surveys



801 Jones Franklin Road  
Raleigh, NC 27606  
License No. F-0672  
www.stantec.com



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

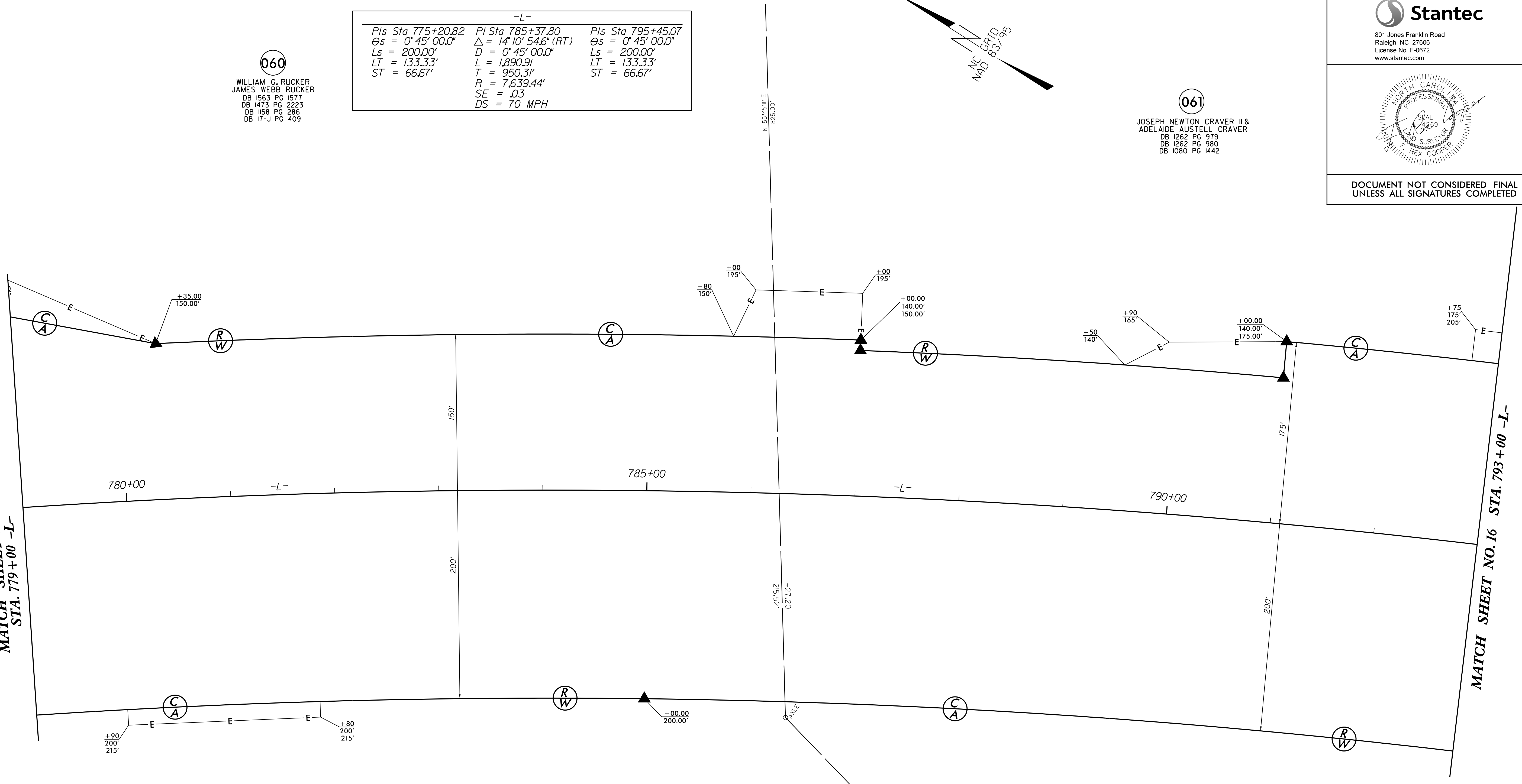
-L-		
Pls Sta 775+20.82	PI Sta 785+37.80	Pls Sta 795+45.07
$\theta_s = 0^\circ 45' 00.0''$	$\Delta = 14^\circ 10' 54.6'' (RT)$	$\theta_s = 0^\circ 45' 00.0''$
$L_s = 200.00'$	$D = 0^\circ 45' 00.0''$	$L_s = 200.00'$
$LT = 133.33'$	$L = 1,890.91'$	$LT = 133.33'$
$ST = 66.67'$	$T = 950.31'$	$ST = 66.67'$
	$R = 7,639.44'$	
	$SE = .03$	
	$DS = 70 \text{ MPH}$	

**060**  
WILLIAM G. RUCKER  
JAMES WEBB RUCKER  
DB 1563 PG 1577  
DB 1473 PG 2223  
DB 1158 PG 286  
DB 17-J PG 409

**061**  
JOSEPH NEWTON CRAVER II &  
ADELAIDE AUSTELL CRAVER  
DB 1262 PG 979  
DB 1262 PG 980  
DB 1080 PG 1442

MATCH SHEET NO. 14  
STA. 779 + 00 -L-

MATCH SHEET NO. 16  
STA. 793 + 00 -L-



REVISIONS

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

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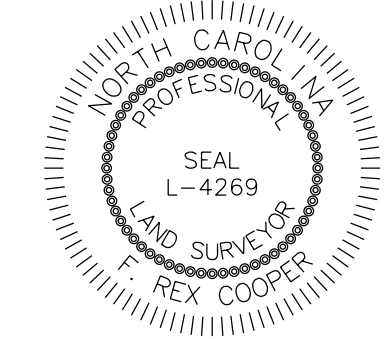
**060**  
WILLIAM G. RUCKER  
JAMES WEBB RUCKER  
DB 1563 PG 1577  
DB 1473 PG 2223  
DB 1158 PG 286  
DB 17-J PG 409

**061**  
JOSEPH NEWTON CRAVER II &  
ADELAIDE AUSTELL CRAVER  
DB 1262 PG 979  
DB 1262 PG 980  
DB 1080 PG 1442

DocuSigned by:  
*F. Rex Cooper*  
61DD1950E8574DD...  
Professional Land Surveyor

L-4269

DocuSigned by:  
*F. Rex Cooper*  
61DD1950E8574DD...



NOTES:

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

SYSTEMS TIME \$\$\$\$\$\$















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

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Witness my original signature, registration number and seal this 4th day of April, 2022.

DocuSigned by:  
*F. Rex Cooper*  
 61DD1950E8574DD...  
 Professional Land Surveyor



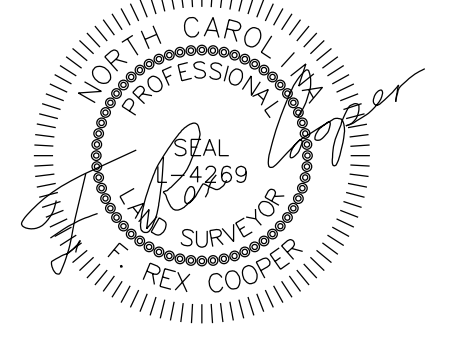
DocuSigned by:  
*F. Rex Cooper*  
 61DD1950E8574DD...

PROJECT REFERENCE NO. R-2707D SHEET NO. RW18

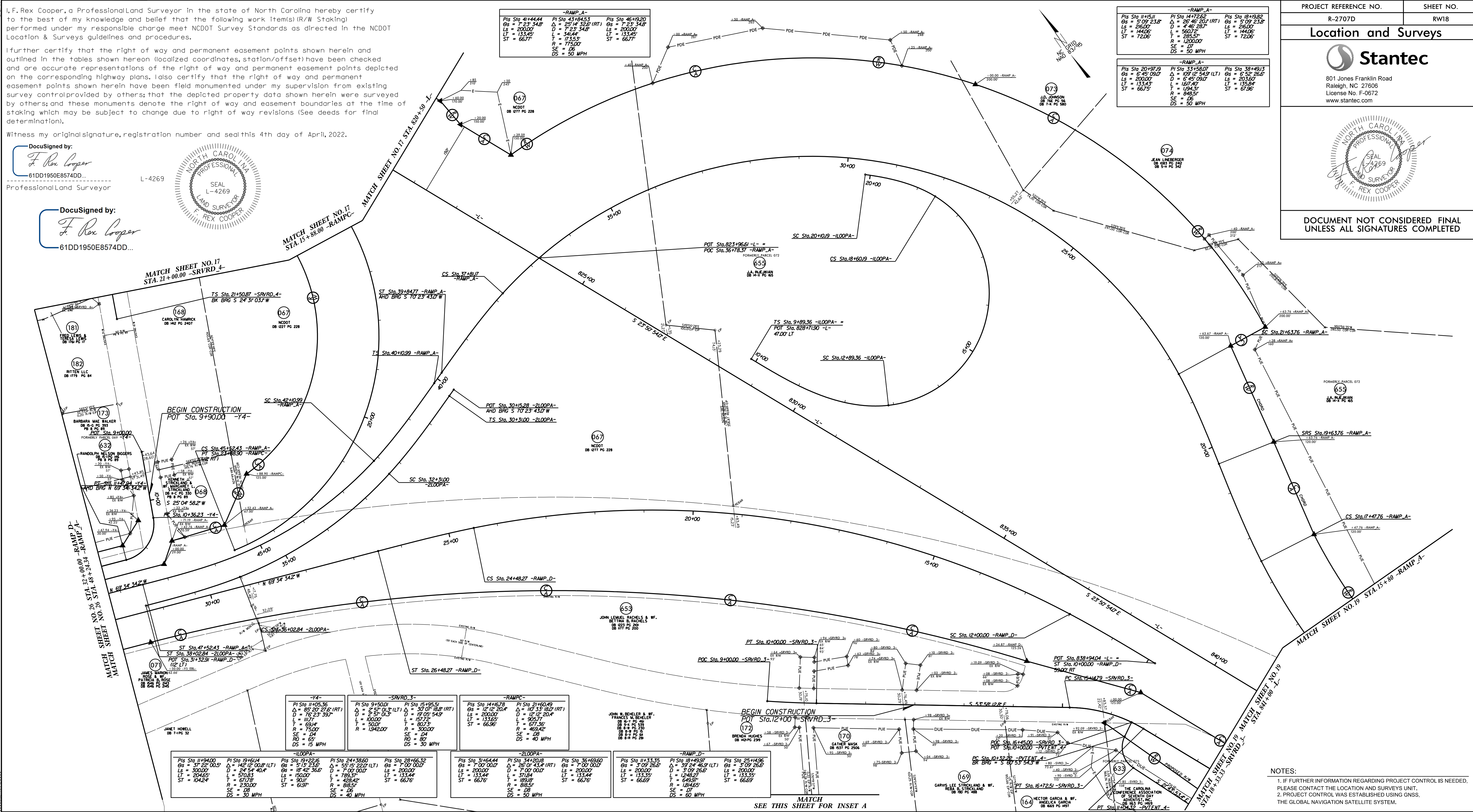
Location and Surveys



801 Jones Franklin Road  
 Raleigh, NC 27606  
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 www.stantec.com



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



-RAMP A-		
PI Sta 41+444.4	PI Sta 41+945.3	PI Sta 46+192.0
Os = 7' 23" 34.8"	Δ = 25' 14" 32.8" (RT)	Os = 7' 23" 34.8"
Ls = 200.00'	D = 7' 23" 34.8"	Ls = 200.00'
LT = 133.45'	L = 34.42'	LT = 133.45'
ST = 66.72'	R = 73.53'	ST = 66.72'
	R = 77.00'	
	SE = 0.6'	
	DS = 50 MPH	

-RAMP A-		
PI Sta 11+15.11	PI Sta 14+725.2	PI Sta 18+198.2
Os = 5' 09" 23.8"	Δ = 26' 46" 20.1" (RT)	Os = 5' 09" 23.8"
Ls = 200.00'	D = 4' 45" 29.7"	Ls = 200.00'
LT = 144.06'	L = 56.07'	LT = 144.06'
ST = 72.03'	T = 265.57'	ST = 72.03'
	R = 1200.00'	
	SE = 0.7'	
	DS = 50 MPH	

-RAMP A-		
PI Sta 20+197.9	PI Sta 33+580.7	PI Sta 38+193.3
Os = 6' 45" 09.0"	Δ = 109' 18" 54.9" (LT)	Os = 6' 45" 09.0"
Ls = 200.00'	D = 6' 45" 09.0"	Ls = 200.00'
LT = 133.43'	L = 167.47'	LT = 133.43'
ST = 66.71'	T = 134.31'	ST = 66.71'
	R = 648.51'	
	SE = 0.6'	
	DS = 50 MPH	

-Y4-	
PI Sta 11+05.36	PI Sta 14+16.78
Os = 85' 20" 27.5" (RT)	Δ = 10' 07" 18.8" (RT)
D = 76' 23" 35.9"	D = 12' 12" 20.4"
L = 111.71'	L = 200.00'
T = 69.94'	L = 127.72'
R = 73.00'	T = 607.36'
SE = 0.4'	R = 469.42'
DS = 15 MPH	SE = 0.8'

-SRVD 3-	
PI Sta 9+500.0	PI Sta 15+955.5
Os = 2' 51" 01.3" (LT)	Δ = 30' 07" 18.8" (RT)
D = 3' 57" 01.3"	D = 7' 05" 54.9"
L = 1000.00'	L = 157.72'
T = 500.00'	T = 607.36'
R = 1942.00'	R = 300.00'
SE = 0.4'	SE = 0.4'
DS = 30 MPH	DS = 30 MPH

-RAMP D-	
PI Sta 14+16.78	PI Sta 21+60.49
Os = 12' 12" 20.4"	Δ = 10' 33" 18.0" (RT)
D = 12' 12" 20.4"	D = 12' 12" 20.4"
L = 507.77'	L = 507.77'
ST = 66.86'	ST = 66.86'
	R = 469.42'
	SE = 0.8'
	DS = 40 MPH

-2 LOOP A-	
PI Sta 31+64.44	PI Sta 34+201.8
Os = 7' 00" 00.0"	Δ = 25' 01" 43.4" (RT)
D = 7' 00" 00.0"	D = 7' 00" 00.0"
L = 133.44'	L = 133.44'
ST = 66.76'	ST = 66.76'
	R = 316.84'
	LT = 133.44'
	SE = 0.7'
	DS = 50 MPH

-RAMP D-	
PI Sta 18+49.97	PI Sta 25+149.6
Os = 3' 09" 26.6"	Δ = 32' 24" 46.9" (LT)
D = 3' 09" 26.6"	D = 3' 09" 26.6"
L = 124.82'	L = 133.39'
ST = 66.69'	ST = 66.69'
	R = 649.31'
	SE = 0.7'
	DS = 60 MPH

-LOOP A-	
PI Sta 11+94.00	PI Sta 19+61.4
Os = 37' 22" 02.5"	Δ = 142' 12" 02.8" (LT)
D = 24' 5" 40.4"	Os = 51' 19" 23.6"
L = 570.85'	Δ = 55' 19" 22.0" (LT)
T = 617.78'	Os = 18' 42" 36.5"
R = 230.00'	L = 150.00'
SE = 0.8'	L = 789.37'
DS = 30 MPH	LT = 30.0'
	T = 428.42'
	R = 805.5'
	SE = 0.6'
	DS = 40 MPH

-SRVD 3-	
PI Sta 24+38.60	PI Sta 28+66.32
Os = 51' 19" 23.6"	Δ = 1' 00" 00.0"
Δ = 55' 19" 22.0" (LT)	Os = 1' 00" 00.0"
Os = 18' 42" 36.5"	L = 200.00'
L = 150.00'	L = 133.44'
L = 789.37'	LT = 133.44'
LT = 30.0'	T = 667.6'
T = 428.42'	ST = 66.76'
R = 805.5'	
SE = 0.6'	
DS = 40 MPH	

-RAMP D-	
PI Sta 31+64.44	PI Sta 34+201.8
Os = 7' 00" 00.0"	Δ = 25' 01" 43.4" (RT)
D = 7' 00" 00.0"	D = 7' 00" 00.0"
L = 133.44'	L = 133.44'
ST = 66.76'	ST = 66.76'
	R = 316.84'
	LT = 133.44'
	SE = 0.7'
	DS = 50 MPH

-RAMP D-	
PI Sta 18+49.97	PI Sta 25+149.6
Os = 3' 09" 26.6"	Δ = 32' 24" 46.9" (LT)
D = 3' 09" 26.6"	D = 3' 09" 26.6"
L = 124.82'	L = 133.39'
ST = 66.69'	ST = 66.69'
	R = 649.31'
	SE = 0.7'
	DS = 60 MPH

-RAMP D-	
PI Sta 11+33.35	PI Sta 18+49.97
Os = 3' 09" 26.6"	Δ = 32' 24" 46.9" (LT)
D = 3' 09" 26.6"	D = 3' 09" 26.6"
L = 124.82'	L = 133.39'
ST = 66.69'	ST = 66.69'
	R = 649.31'
	SE = 0.7'
	DS = 60 MPH

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.



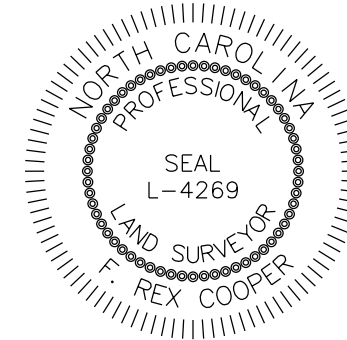
6/2/20

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

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

Witness my original signature, registration number and seal this 4th day of April, 2022.

DocuSigned by: F. Rex Cooper  
61DD1950E8574DD... L-4269  
Professional Land Surveyor



DocuSigned by: F. Rex Cooper  
61DD1950E8574DD...

-RAMP_A-		
PIs Sta 18+19.82	PI Sta 14+72.62	PIs Sta 11+15.11
$\Theta_s = 5'09'' 23.8''$	$\Delta = 26'46'' 20.1''$ (RT)	$\Theta_s = 5'09'' 23.8''$
Ls = 216.00'	D = 4'46'' 28.7''	Ls = 216.00'
LT = 144.06'	L = 560.72'	LT = 144.06'
ST = 72.06'	T = 285.57'	ST = 72.06'
	R = 1,200.00'	
	SE = .07	
	DS = 50 MPH	

-SRVRD_3-	
PI Sta 23+77.25	PI Sta 24+49.57
$\Delta = 62'02'' 16.0''$ (RT)	$\Delta = 6'08'' 58.8''$ (LT)
D = 57'17'' 44.8''	D = 12'43'' 56.6''
L = 108.28'	L = 48.30'
T = 60.13'	T = 24.17'
R = 100.00'	R = 450.00'
SE = .02	SE = EXIST.
RO = 80'	RO = EXIST.
DS = 30 MPH	

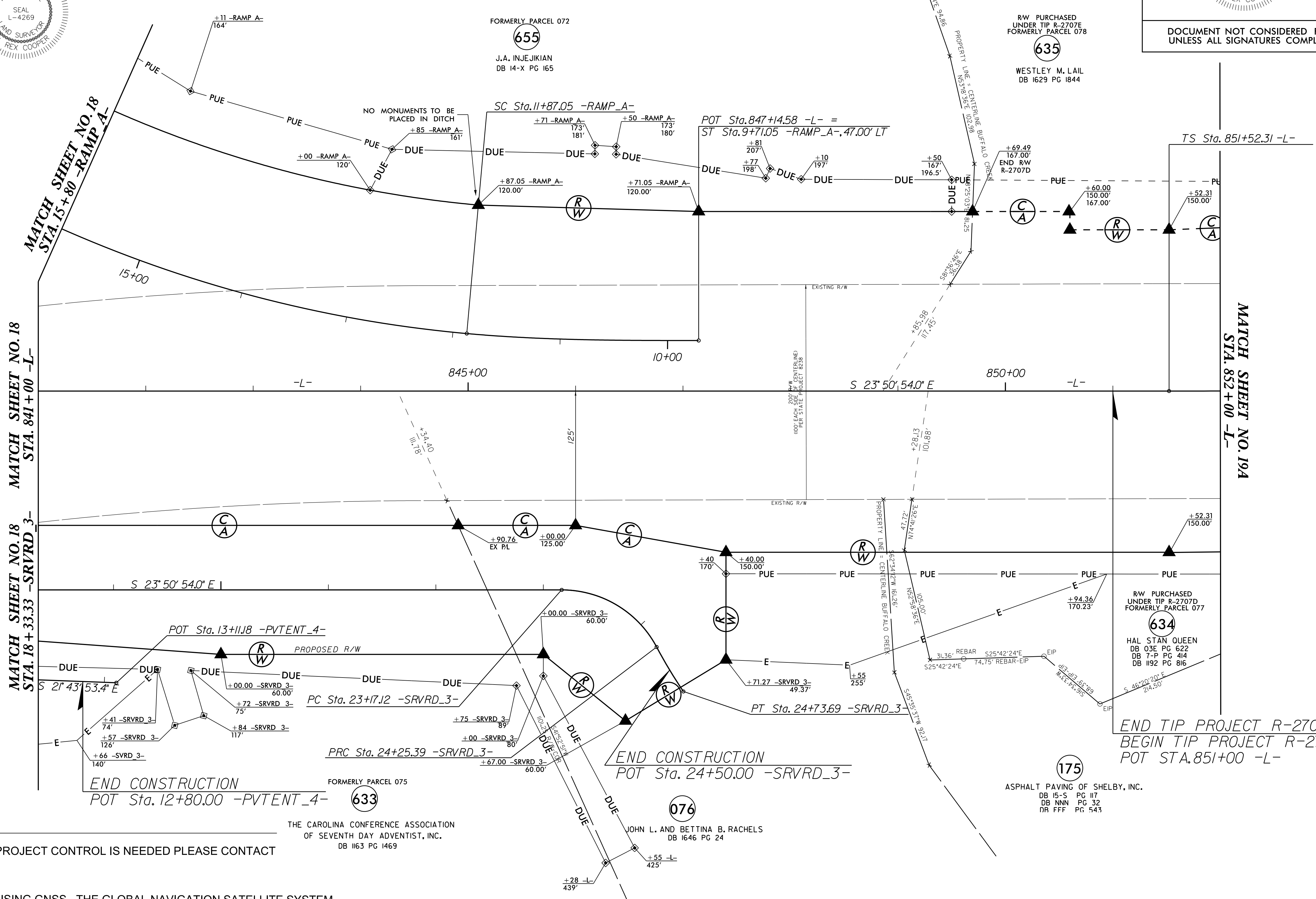
PROJECT REFERENCE NO. R-2707D SHEET NO. RW19

**Location and Surveys**

**Stantec**  
801 Jones Franklin Road  
Raleigh, NC 27606  
License No. F-0672  
www.stantec.com

**Seal of F. Rex Cooper**  
NORTH CAROLINA PROFESSIONAL LAND SURVEYOR  
SEAL NO. 4269  
F. REX COOPER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



- NOTES:**
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
  - PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

SYTIME\$\$\$\$\$

















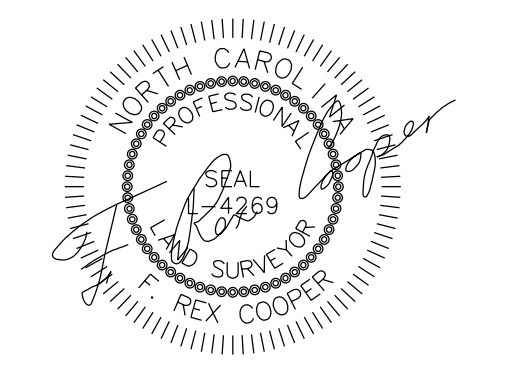




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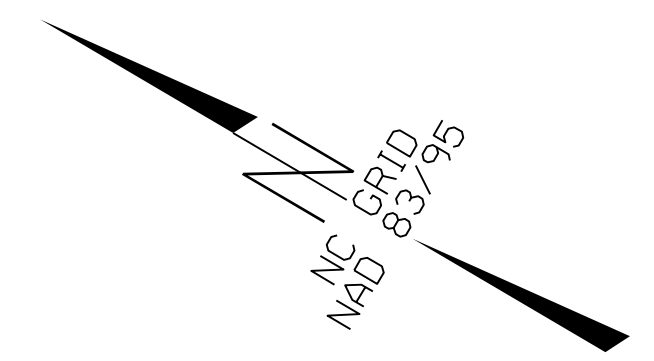


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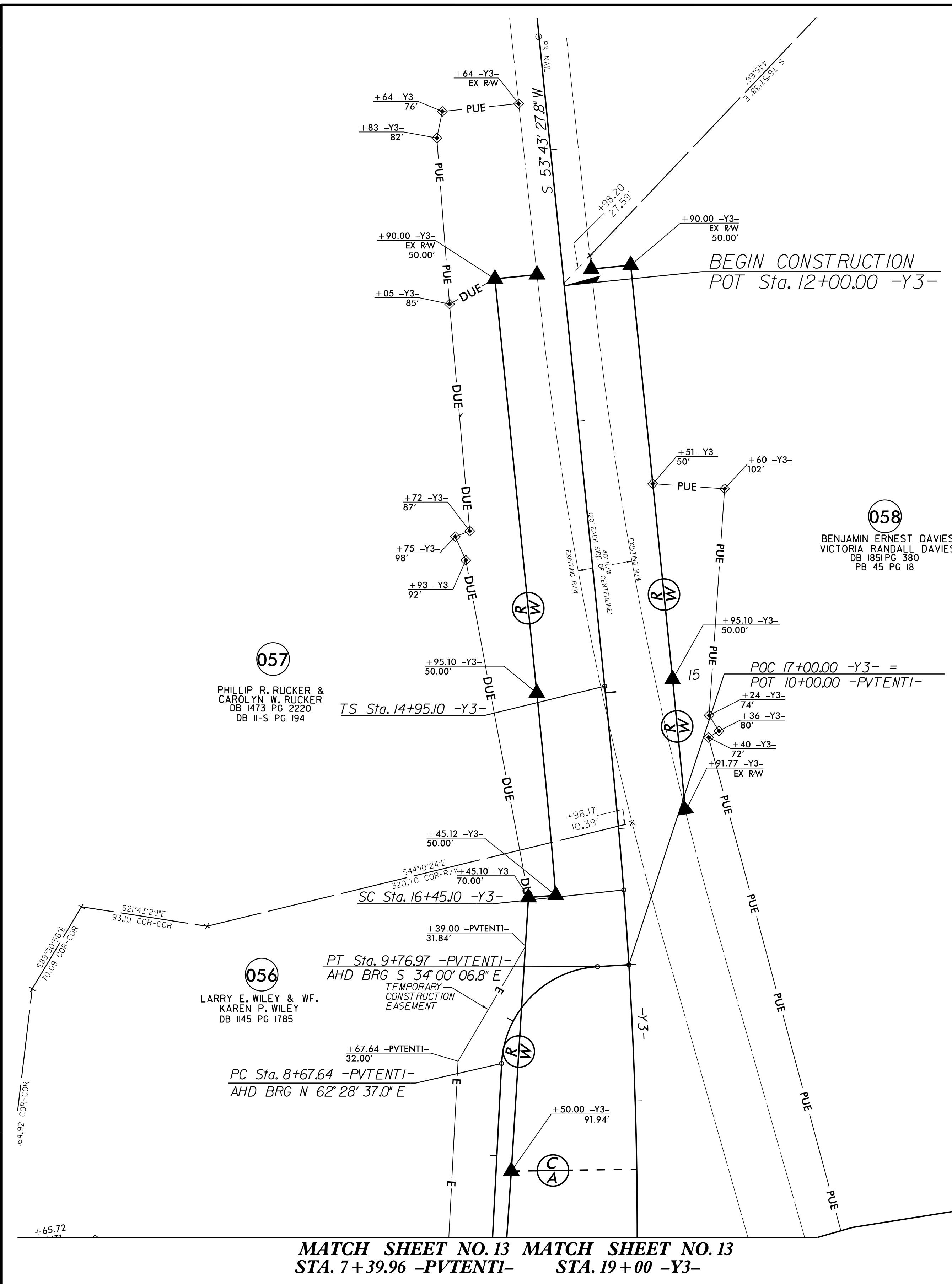
-Y3-		
PIs Sta 15+95.11	PI Sta 20+76.29	PIs Sta 25+52.55
$\theta_s = 1' 18'' 45.0''$	$\Delta = 15' 00'' 18.8'' (RT)$	$\theta_s = 1' 18'' 45.0''$
$L_s = 150.00'$	$D = 1' 45'' 00.0''$	$L_s = 150.00'$
$LT = 100.00'$	$L = 857.44$	$LT = 100.00'$
$ST = 50.00'$	$T = 431.19'$	$ST = 50.00'$
	$R = 3,274.04'$	
	$SE = .04$	
	$DS = 50 \text{ MPH}$	

-PVTENTI-
PI Sta 9+34.60
$\Delta = 83' 31'' 16.2'' (RT)$
$D = 76' 23'' 39.7''$
$L = 109.33'$
$T = 66.96'$
$R = 75.00'$

-SRVRD_2-
PI Sta 10+90.00
$\Delta = 77' 31'' 20.8'' (RT)$
$D = 76' 23'' 39.7''$
$L = 101.48'$
$T = 60.22'$
$R = 75.00'$
$SE = VAR$
$RO = 30'$
$DS = 15 \text{ MPH}$



REVISIONS



**058**  
BENJAMIN ERNEST DAVIES  
VICTORIA RANDALL DAVIES  
DB 1851 PG 380  
PB 45 PG 18

**057**  
PHILLIP R. RUCKER &  
CAROLYN W. RUCKER  
DB 1473 PG 2220  
DB II-S PG 194

**056**  
LARRY E. WILEY & WF.  
KAREN P. WILEY  
DB 1145 PG 1785

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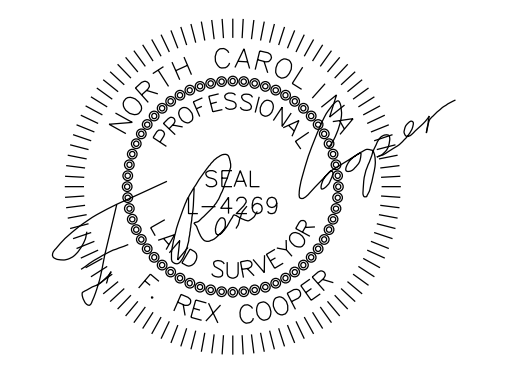
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6/2/22

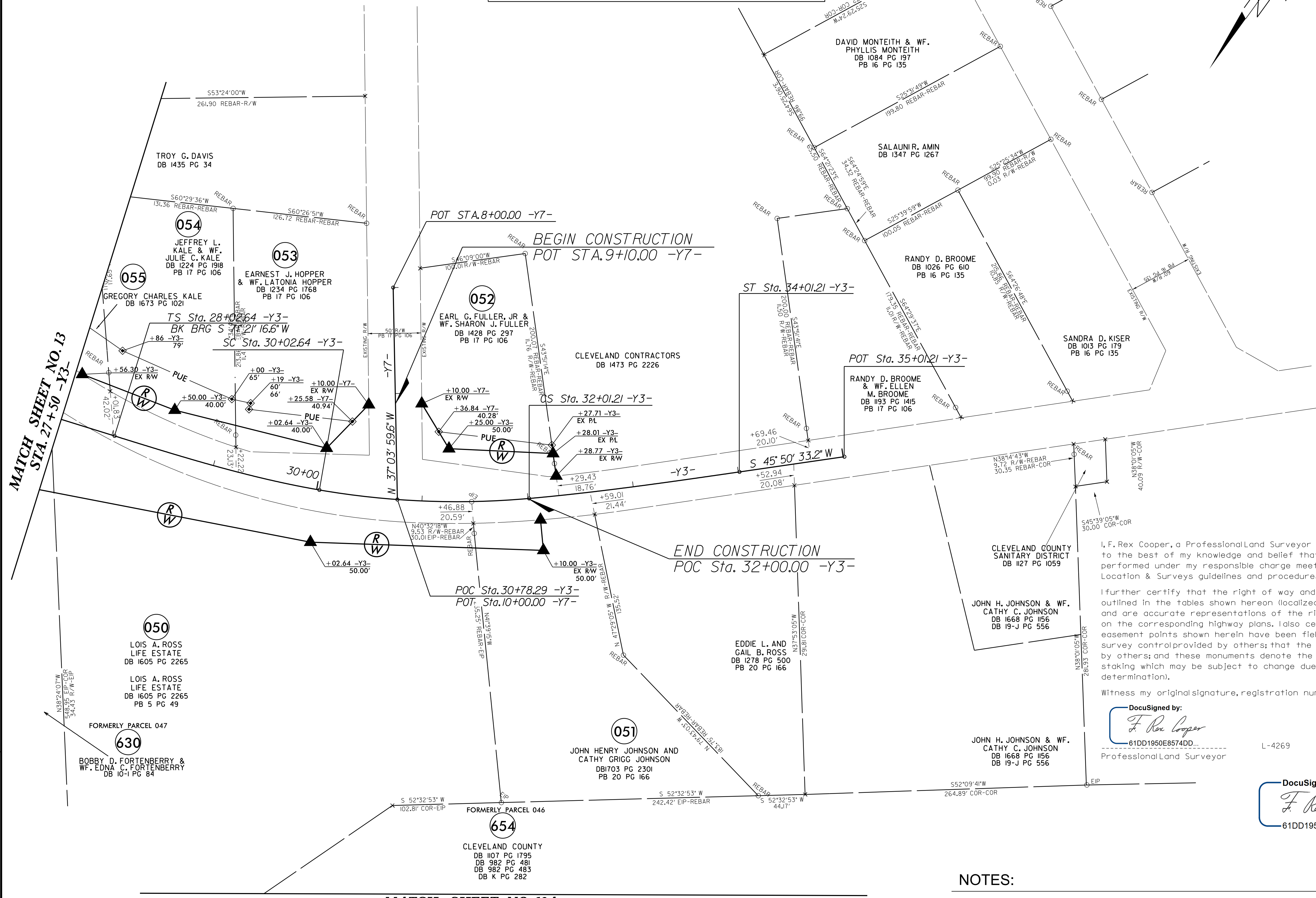
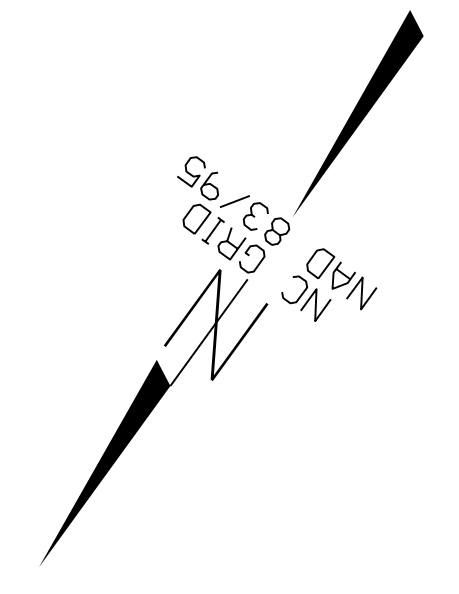


Location and Surveys



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-Y3-		
Pls Sta 29+36.10	Pls Sta 31+02.49	Pls Sta 32+67.90
Os = 7° 30' 00.0"	Δ = 14° 53' 33.8" (LT)	Os = 3° 07' 09.6"
Ls = 200.00'	D = 7° 30' 00.0"	Ls = 200.00'
LT = 133.45'	L = 198.57'	LT = 133.35'
ST = 66.78'	T = 99.85'	ST = 66.69'
	R = 763.94'	
	SE = .08	
	DS = 50 MPH	



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

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6/2/22

REVISIONS



