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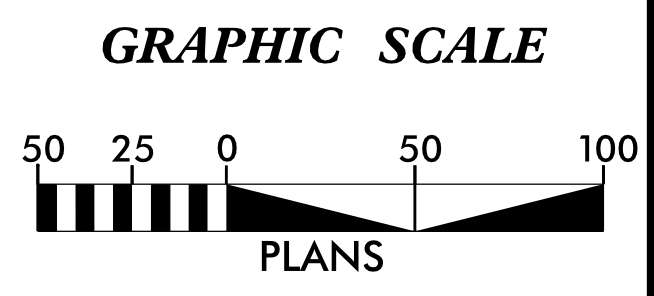
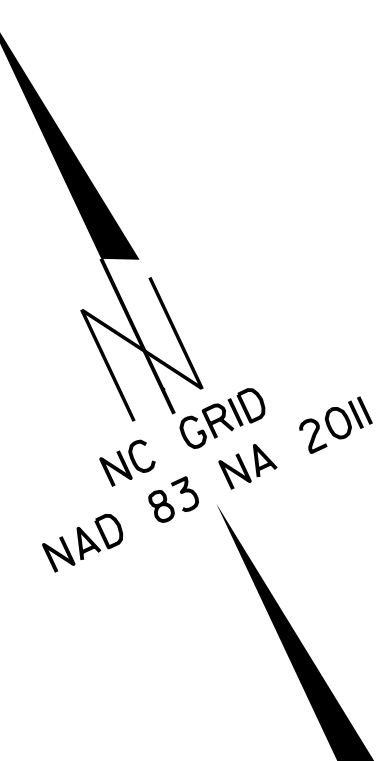
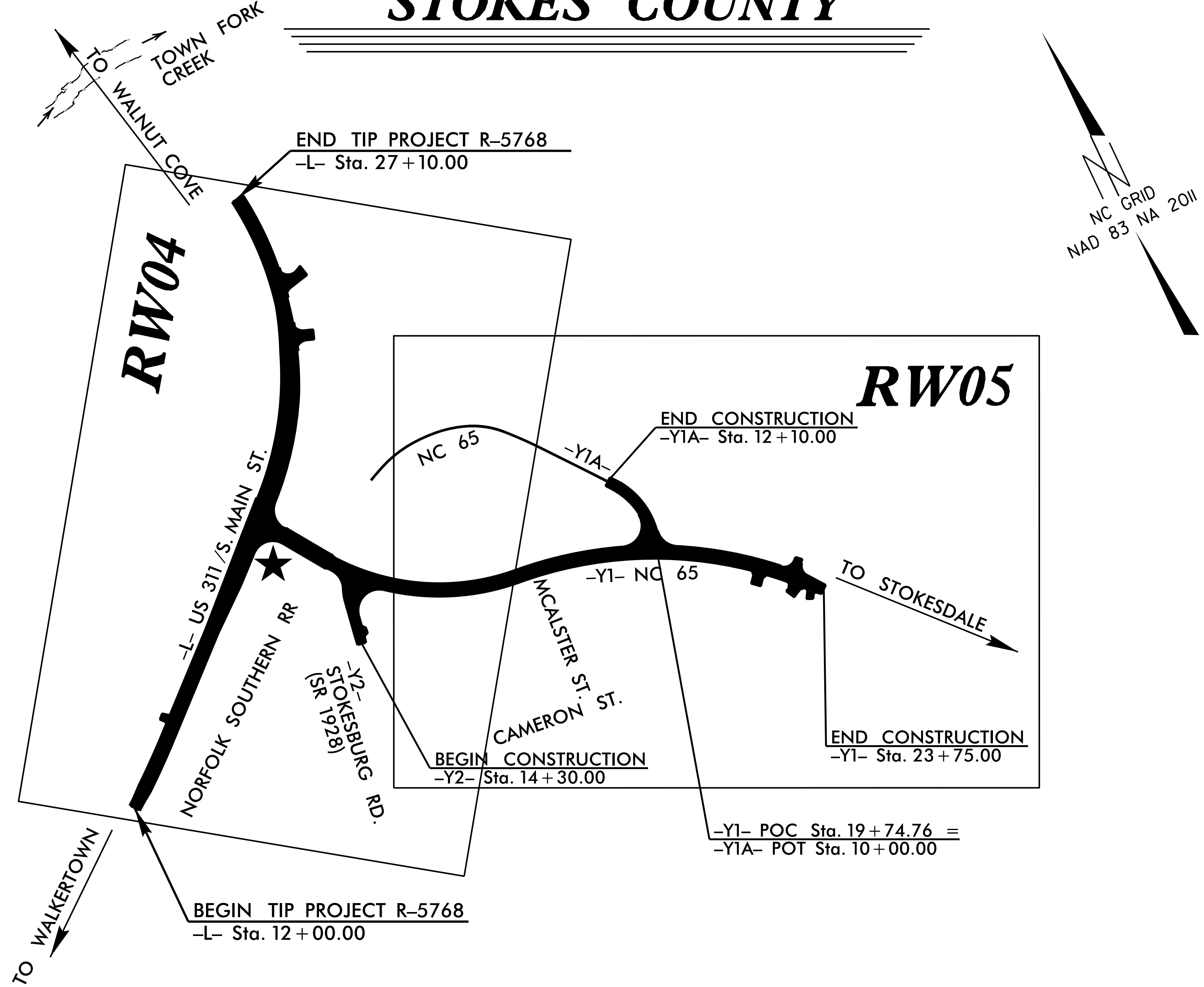
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5768	RW01	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

STOKES COUNTY

TIP PROJECT: R-5768



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT GPS MONUMENT "R5768-2" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 926076.9363(ft) EASTING: 1663624.6871(ft) ELEVATION: 640.49(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.0000110800
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R5768-2" TO -L- STATION 12+00.00 IS S 38° 04' 03.6" W 858.52(ft)
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:

Allied Associates, P.A.
4720 KESTER MILL ROAD Phone: (336) 765-2377
WINSTON-SALEM, N.C. 27103 FAX: 760-9886
WWW.ALLIEDAPA.COM C-2198

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

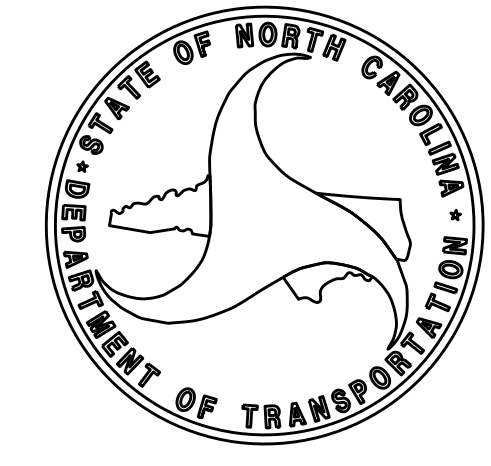
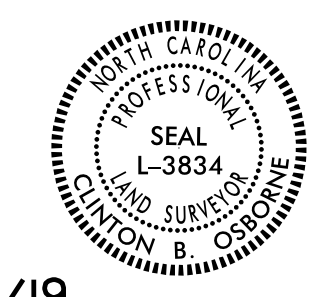
LETTING DATE:

PROFESSIONAL LAND SURVEYOR

DocuSigned by:
Clinton Osborne
0A6F6B085F6449B...

5/13/19

SIGNATURE: Date:

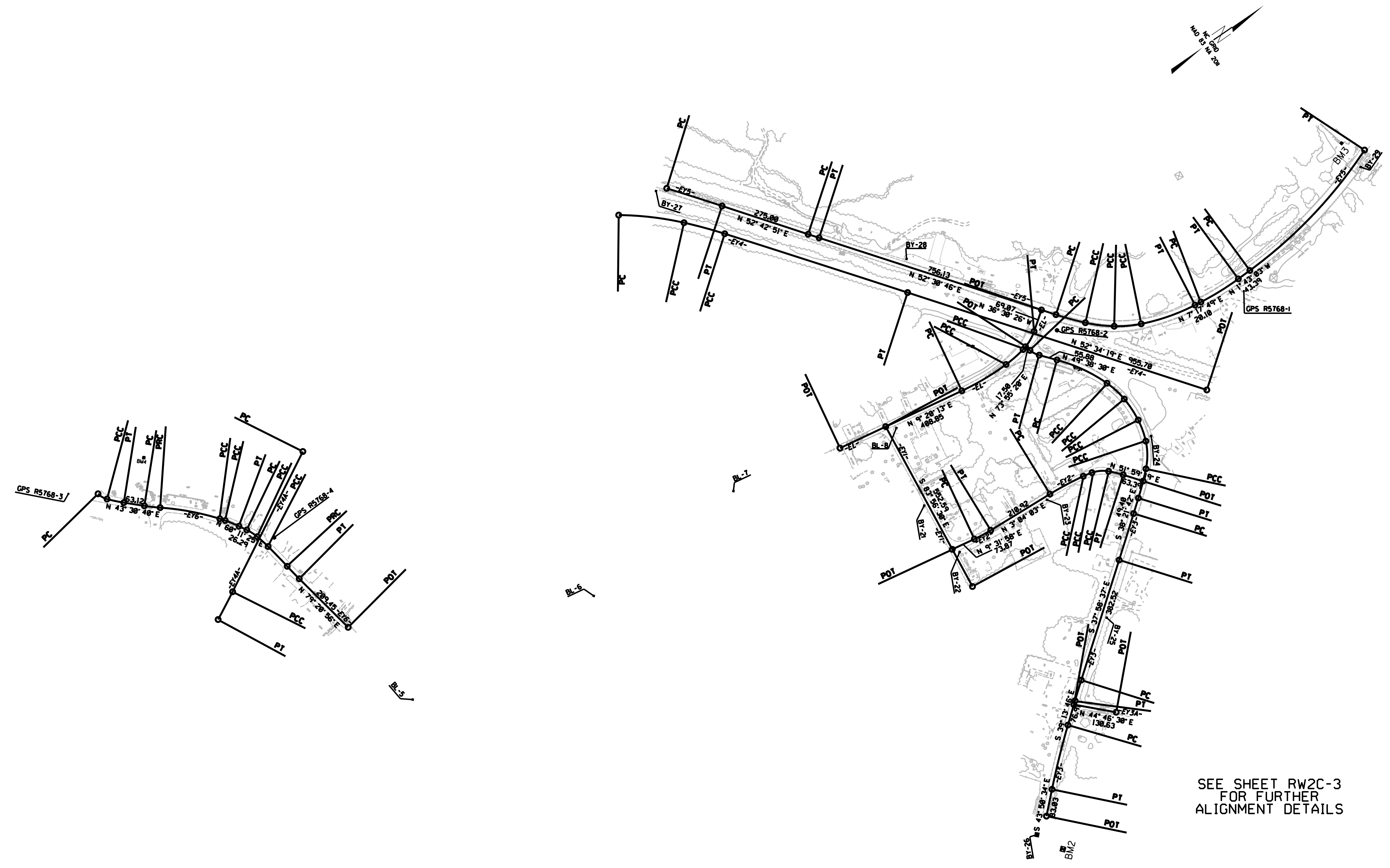


\$\$\$\$\$ SYSTEM TIME\$\$\$\$\$
\$\$\$\$\$ DGN\$\$\$\$\$
\$\$\$\$\$ USERNAME\$\$\$\$\$

PROJECT REFERENCE NO. R-5768	SHEET NO. RW02C-1
Location and Surveys	
ALLIED ASSOCIATES, P.A.	

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



SEE SHEET RW2C-3
FOR FURTHER
ALIGNMENT DETAILS

NOTES:

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

PROJECT REFERENCE NO.	SHEET NO.
R-5768	RW02C-2
Location and Surveys	
ALLIED ASSOCIATES, P.A.	

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

REVISIONS

I:\SEP-2018_09\39 S:\Units\01\003\Winston\Ruths Computer\Rur-01\R5768\Julie\check.clt\sheet1\05-13-2019\R5768_LS_rw02c-2.dgn
mmotsinger AT LS-312635

BL POINT	DESC.	NORTH	EAST	ELEVATION
3	GPS R5768-3	923321.9492	1662331.8571	650.30
4	GPS R5768-4	923761.4003	1662795.4366	685.38
5	BL-5	923828.9249	1663439.6432	708.52
6	BL-6	924460.4400	1663491.7478	698.14
7	BL-7	924990.4210	1663469.9663	685.43
8	BL-8	925506.8119	1663592.4908	661.32
2	GPS R5768-2	926076.9363	1663624.6871	640.49

BY1 POINT	DESC.	NORTH	EAST	ELEVATION
E08		925506.8119	1663592.4908	UNKNOWN
21	BY-21	925442.8646	1663834.7572	678.50
22	BY-22	925451.4771	1664011.9942	679.92

.....
 BM1 ELEVATION = 649.97
 N 925838 E 1663520
 SCRIBED 'X' IN CONCRETE

BY2 POINT	DESC.	NORTH	EAST	ELEVATION
E022		925451.4771	1664011.9942	UNKNOWN
23	BY-23	925759.7853	1664031.4094	664.97
24	BY-24	926130.4410	1664051.0492	658.34

.....
 BM2 ELEVATION = 621.57
 N 925198 E 1664933
 RAILROAD SPIKE SET IN 28' POPLAR TREE

BY3 POINT	DESC.	NORTH	EAST	ELEVATION
E02		926076.9363	1663624.6871	UNKNOWN
E024		926130.4410	1664051.0492	UNKNOWN
25	BY-25	925706.2487	1664429.4002	643.86
26	BY-26	925157.9249	1664852.4713	624.84

.....
 BM3 ELEVATION = 621.92
 N 927111 E 1663646
 SCRIBED 'X' IN TOP BACK OF CURB

BY5 POINT	DESC.	NORTH	EAST	ELEVATION
27	BY-27	925313.6748	1662585.6819	643.87
28	BY-28	925823.4562	1663186.9797	629.14
E0A2		926076.9363	1663624.6871	UNKNOWN
1	GPS R5768-1	926611.9827	1663848.1909	622.72
29	BY-29	927117.7200	1663738.9436	622.52

.....
 BM4 ELEVATION = 658.82
 N 923573 E 1662371
 SCRIBED 'X' IN TOP BACK OF CURB

NOTES:

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PROPOSED ALIGNMENT CONTROL SHEET

L

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	925513.665	1662816.409							
LINE			N 52°42'51.3" E	205.25					
PC	925638.004	1662979.711							
CURVE			N 50°13'12.3" E	174.07	04°59'18.1"(L T)	02°51'53.2"	174.13	87.12	2000.00
PT	925749.382	1663113.486							
LINE			N 47°43'33.3" E	593.30					
PC	926148.479	1663552.487							
CURVE			N 19°57'35.3" E	708.11	55°31'55.9"(L T)	07°32'20.1"	736.61	400.13	760.00
PCC	926814.056	1663794.209							
CURVE			N 11°54'11.6" W	205.04	08°11'38.0"(L T)	03°59'33.9"	205.22	102.79	1435.00
PT	927014.692	1663751.916							

Y1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	926118.267	1663519.254							
LINE			S 34°25'31.8" E	174.34					
PC	925974.457	1663617.817							
CURVE			S 59°36'32.2" E	455.30	50°22'00.7"(L T)	10°42'34.2"	470.30	251.56	535.00
PCC	925744.119	1664010.558							
CURVE			S 62°21'30.5" E	709.81	44°52'04.1"(RT)	06°09'39.0"	728.27	383.96	930.00
PT	925414.812	1664639.355							
LINE			S 39°55'28.4" E	39.04					
POT	925384.873	1664664.409							

Y1A

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	925698.699	1664335.847							
CURVE			N 13°07'18.8" W	147.16	49°43'41.6"(L T)	32°44'25.6"	151.89	81.10	175.00
PT	925842.020	1664302.437							
LINE			N 37°59'09.6" W	57.07					
PC	925886.999	1664267.314							
CURVE			N 38°10'26.0" W	32.79	00°22'32.9"(L T)	01°08'45.3"	32.79	16.40	5000.00
PT	925912.780	1664247.045							
LINE			N 38°21'42.4" W	100.63					
PC	925991.685	1664184.591							
CURVE			N 40°59'15.8" W	91.63	05°15'06.7"(L T)	05°43'46.5"	91.66	45.86	1000.00
PCC	926060.852	1664124.491							
CURVE			N 55°46'13.6" W	84.24	24°10'49.0"(L T)	28°38'52.4"	84.87	43.08	200.00
PCC	926108.235	1664054.847							
CURVE			N 75°18'52.3" W	68.14	14°46'28.4"(L T)	21°37'15.8"	68.33	34.36	265.00
PCC	926125.511	1663988.928							
CURVE			N 88°58'23.6" W	76.47	12°32'34.3"(L T)	16°22'12.8"	76.62	38.46	350.00
PCC	926126.881	1663912.473							
CURVE			S 77°02'26.7" W	71.15	15°25'45.2"(L T)	21°37'15.8"	71.36	35.90	265.00
PCC	926110.926	1663843.139							
CURVE			S 59°29'01.9" W	167.52	19°41'04.4"(L T)	11°41'34.9"	168.34	85.01	490.00
PT	926025.864	1663698.824							

Y2

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	925331.227	1663545.996							
LINE			N 09°20'12.7" E	534.84					
PC	925858.977	1663632.767							
CURVE			N 21°56'54.5" E	50.22	25°13'23.6"(RT)	49°49'20.7"	50.63	25.73	115.00
PT	925905.555	1663651.538							
LINE			N 34°33'36.3" E	16.84					
POT	925919.422	1663661.089							

REVISIONS

NOTES:

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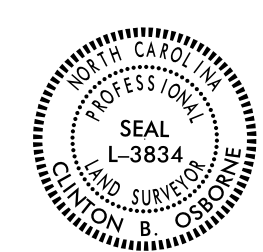
6/2/09

I:\MAY-2019\037600301\RW SHEETS\RP-5768-1s-rw02.dgn
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RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. R-5768	SHEET NO. RW03E-1
ALLIED ASSOCIATES, P.A.	

PROJECT SURVEYOR



ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	12+00.00	-75.01	925694.5010	1662930.0954
L	12+00.00	-30.03	925658.7170	1662957.3415
L	13+79.38	-75.00	925804.8768	1663063.0353
L	19+72.67	-75.00	926203.9740	1663502.0360
L	24+03.16	-75.00	926530.4037	1663702.0628
L	25+53.42	-51.35	926662.0935	1663748.2245

NOT SET (UNDER WATER)

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	14+50.00	41.00	925759.4401	1663805.1361
Y1	14+78.59	-50.00	925830.4374	1663869.6811
Y1	15+00.00	65.00	925715.6387	1663847.0488
Y1	16+36.74	65.00	925680.2571	1663995.8410
Y1	16+35.76	-72.77	925817.3466	1664009.5254
Y1	16+83.20	-50.00	925789.3876	1664055.4718
Y1	16+86.03	50.00	925689.9047	1664044.9296
Y1	18+50.00	50.00	925655.5536	1664196.0244
Y1	19+06.64	-50.00	925730.7120	1664282.9109
Y1	23+26.55	50.00	925415.6526	1664572.0271
Y1	23+28.09	28.43	925429.2135	1664588.8680
Y1	13+35.00	41.00	925825.3104	1663701.5806
Y1	12+16.83	-50.00	925971.8529	1663682.0707

NOT SET (UNDER WATER)

EXISTING EIP

MAG NAIL SET

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1A	10+79.29	-51.42	925734.9360	1664288.0920
Y1A	12+10.00	-29.98	925835.8402	1664269.2275

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	14+42.24	20.73	925764.2404	1663638.1957

I, Clinton B. Osborne, 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 13th day of May, 2019.

DocuSigned by:
Clinton Osborne
04DF6B08F0448B
Professional Land Surveyor

L-3834
PLS #

Seal

NOTES:

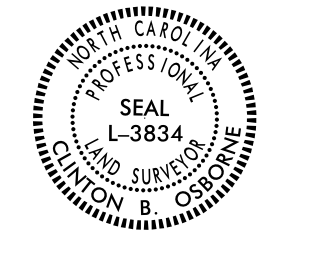
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO. R-5768	SHEET NO. RW03E-2
ALLIED ASSOCIATES, P.A.	

PROJECT SURVEYOR



ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+07.90	-75.00	925824.0645	1663884.1414
L	20+28.81	-93.04	926251.7801	1663525.0964
L	20+25.00	-75.00	926236.8760	1663535.8148
L	20+70.00	-75.00	926266.9728	1663562.9948
L	20+74.76	-90.14	926279.9860	1663554.1754
L	21+00.00	-160.00	926340.3876	1663513.2395
L	20+45.00	-160.00	926307.2300	1663485.2192
L	21+63.66	-77.32	926335.7446	1663611.6599
L	23+34.13	-83.12	926474.0464	1663675.3608
L	23+43.04	-84.13	926481.8449	1663677.1447
L	23+44.27	-75.00	926479.7933	1663686.1137
L	23+35.33	-75.00	926472.2190	1663683.3496
L	23+68.43	-75.00	926500.3999	1663693.1291
L	23+76.27	-86.54	926510.5759	1663684.2449
L	24+53.39	-78.79	926575.1971	1663708.8188
L	24+70.14	-82.72	926590.6353	1663707.7810
L	26+14.89	-102.06	926718.7548	1663699.1433
L	26+90.00	-78.36	926786.2535	1663718.7022
L	27+00.00	-95.00	926793.1023	1663701.1426
L	27+31.80	-82.17	926823.9062	1663709.7493
L	27+33.40	-99.76	926822.7191	1663692.1363
L	24+68.44	50.01	926565.2978	1663838.0785
L	24+75.90	48.82	926573.3228	1663838.3004
L	24+82.00	78.01	926574.9969	1663868.1747
L	24+74.93	79.78	926567.0094	1663868.6223
L	21+59.23	115.92	926225.3187	1663770.3028
L	21+66.17	116.05	926231.9273	1663774.8111
L	21+66.39	96.81	926242.6578	1663758.8390
L	21+59.41	97.16	926235.8900	1663754.8067

NOT SET (UNDER WATER)
NOT SET (UNDER WATER)

NOT SET (UNDER WATER)

I, Clinton B. Osborne, 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 13th day of May, 2019.

DocuSigned by:
Clinton Osborne
0A6F6808F6449B
Professional Land Surveyor

L-3834
PLS #

Seal

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	12+56.18	-50.00	925944.9704	1663705.5073
Y1	12+91.71	-50.00	925922.2371	1663728.3136
Y1	14+10.40	-50.00	925858.1405	1663814.4626
Y1	14+46.32	-50.00	925842.6695	1663843.1103
Y1	14+47.53	41.00	925760.6143	1663803.7482
Y1	14+81.16	55.12	925732.5716	1663831.2326
Y1	14+67.91	107.67	925690.4167	1663796.3352
Y1	14+92.27	98.90	925687.2279	1663826.5226
Y1	23+85.00	30.03	925386.2769	1664624.0798
Y1	23+85.00	44.00	925377.3096	1664613.3643
Y1	22+50.40	-103.63	925579.7021	1664624.8182
Y1	22+23.37	-65.63	925570.9379	1664577.5231
Y1	21+22.52	-83.76	925651.9316	1664502.5149
Y1	20+92.96	-94.32	925678.7053	1664481.4422
Y1	20+80.93	-87.79	925680.2829	1664466.7923
Y1	20+56.87	-125.62	925726.5386	1664463.5685
Y1	20+45.29	-102.90	925713.4581	1664440.8946
Y1	20+38.58	-105.97	925719.8261	1664435.9235
Y1	20+50.75	-129.58	925733.4682	1664459.5708

MAG NAIL SET
MAG NAIL SET

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1A	16+28.04	37.08	926162.0298	1663995.6194
Y1A	16+32.19	30.00	926155.5899	1663990.1555
Y1A	16+34.00	41.46	926167.2055	1663989.5193
Y1A	16+41.09	30.00	926156.6298	1663980.5464
Y1A	16+54.94	30.00	926157.7609	1663965.5558
Y1A	16+62.09	34.81	926162.9183	1663957.9699
Y1A	16+64.88	30.00	926158.2070	1663954.7668
Y1A	17+01.02	-30.00	926097.4196	1663920.1257
Y1A	17+72.15	-48.91	926066.7425	1663864.7096
Y1A	18+16.79	-58.69	926042.6230	1663832.2456
Y1A	18+28.44	-30.00	926063.7971	1663810.1761
Y1A	19+26.84	-67.81	925984.7012	1663755.6022
Y1A	19+38.86	-31.22	926006.4355	1663724.2490
Y1A	19+30.42	-30.04	926012.3324	1663729.6550
Y1A	19+29.10	-37.77	926007.0461	1663735.4213
Y1A	19+37.68	-39.00	926001.1264	1663730.0401

MAG NAIL SET
MAG NAIL SET
MAG NAIL SET
MAG NAIL SET

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	15+38.11	-38.55	925869.5277	1663595.5001
Y2	13+90.00	-24.67	925720.0623	1663584.9257
Y2	14+00.00	-36.00	925731.7679	1663575.3688

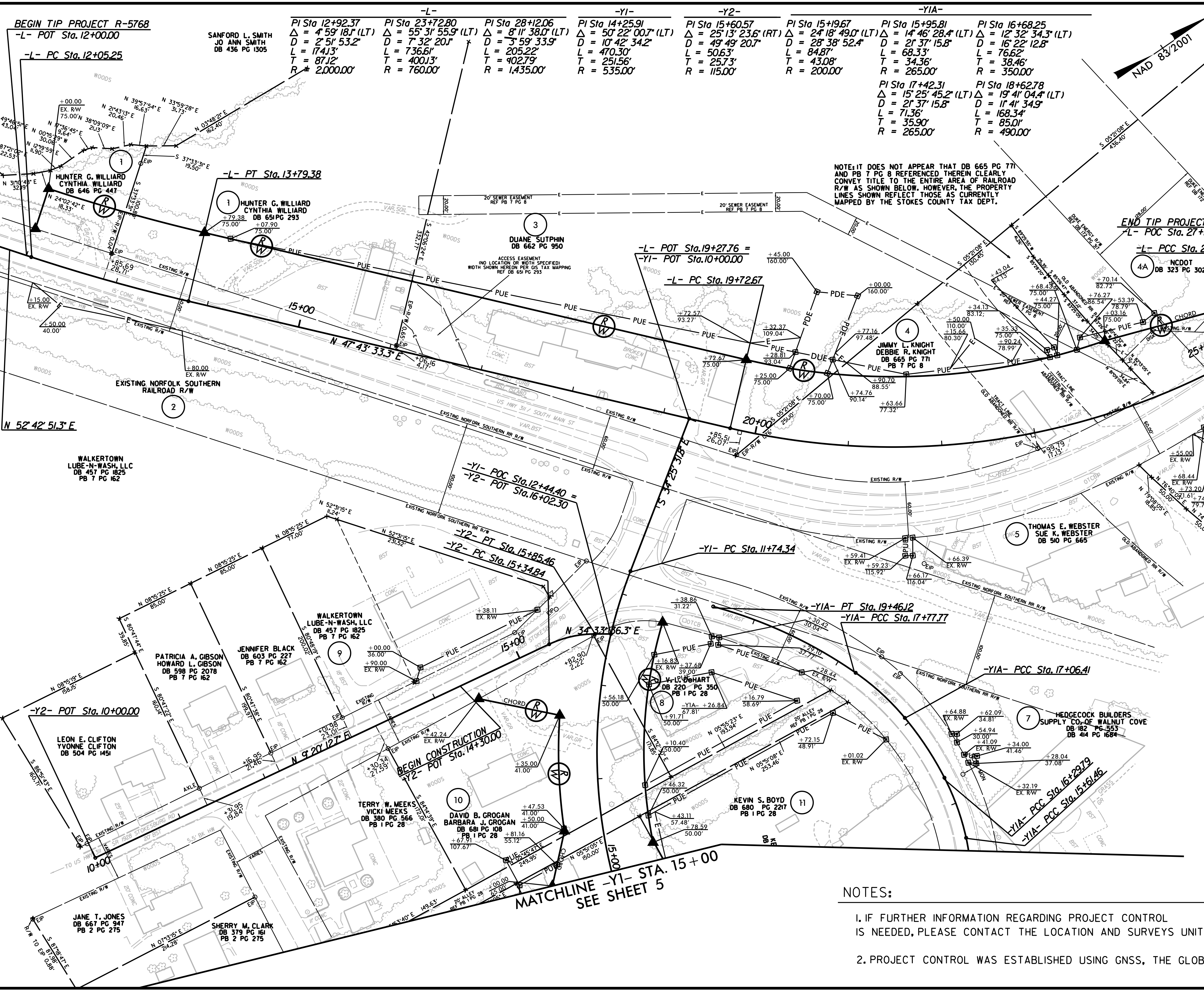
MAG NAIL SET

NOTES:

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REVISIONS

6/22/19
13 MAY 2019 10:51:00 903011.RW SHEETS:R-5768-1.s-rw04.dgn
OWNER: STONE ISLAND



-L-	-Y1-	-Y2-	-Y1A-
PI Sta 12+92.37 Δ = 4° 59' 18.1" (LT) D = 2' 51' 53.2" L = 1741.3' T = 871.2' R = 2,000.00'	PI Sta 14+25.91 Δ = 50° 22' 00.7" (LT) D = 10' 42' 34.2" L = 470.30' T = 251.56' R = 535.00'	PI Sta 15+60.57 Δ = 25° 13' 23.6" (RT) D = 49' 49' 20.7" L = 506.3' T = 257.3' R = 115.00'	PI Sta 15+19.67 Δ = 24° 18' 49.0" (LT) D = 28' 38' 52.4" L = 848.7' T = 43.08' R = 200.00'
PI Sta 23+72.80 Δ = 55° 31' 55.9" (LT) D = 7' 32' 20.1" L = 736.61' T = 400.13' R = 760.00'	PI Sta 28+12.06 Δ = 8° 11' 38.0" (LT) D = 3' 59' 33.9" L = 205.22' T = 402.79' R = 1,435.00'	PI Sta 15+95.81 Δ = 14° 46' 28.4" (LT) D = 21' 37' 15.8" L = 68.33' T = 34.36' R = 265.00'	PI Sta 16+68.25 Δ = 12° 32' 34.3" (LT) D = 16' 22' 12.8" L = 76.62' T = 38.46' R = 350.00'
			PI Sta 17+42.31 Δ = 15° 25' 45.2" (LT) D = 21' 37' 15.8" L = 71.36' T = 35.90' R = 265.00'
			PI Sta 18+62.78 Δ = 19° 41' 04.4" (LT) D = 11' 41' 34.9" L = 168.34' T = 85.01' R = 490.00'

PROJECT REFERENCE NO. R-5768	SHEET NO. RW04
Location and Surveys	
ALLIED ASSOCIATES, P.A.	

NOTE: IT DOES NOT APPEAR THAT DB 665 PG 771 AND PB 7 PG 8 REFERENCED THEREIN CLEARLY CONVEY TITLE TO THE ENTIRE AREA OF RAILROAD R/W AS SHOWN BELOW. HOWEVER, THE PROPERTY LINES SHOWN REFLECT THOSE AS CURRENTLY MAPPED BY THE STOKES COUNTY TAX DEPT.

END TIP PROJECT R-5768
-L- PCC Sta. 27+10.00
-L- PCC Sta. 27+09.28

MATCHLINE -Y1- STA. 15+00
SEE SHEET 5


PROJECT SURVEYOR

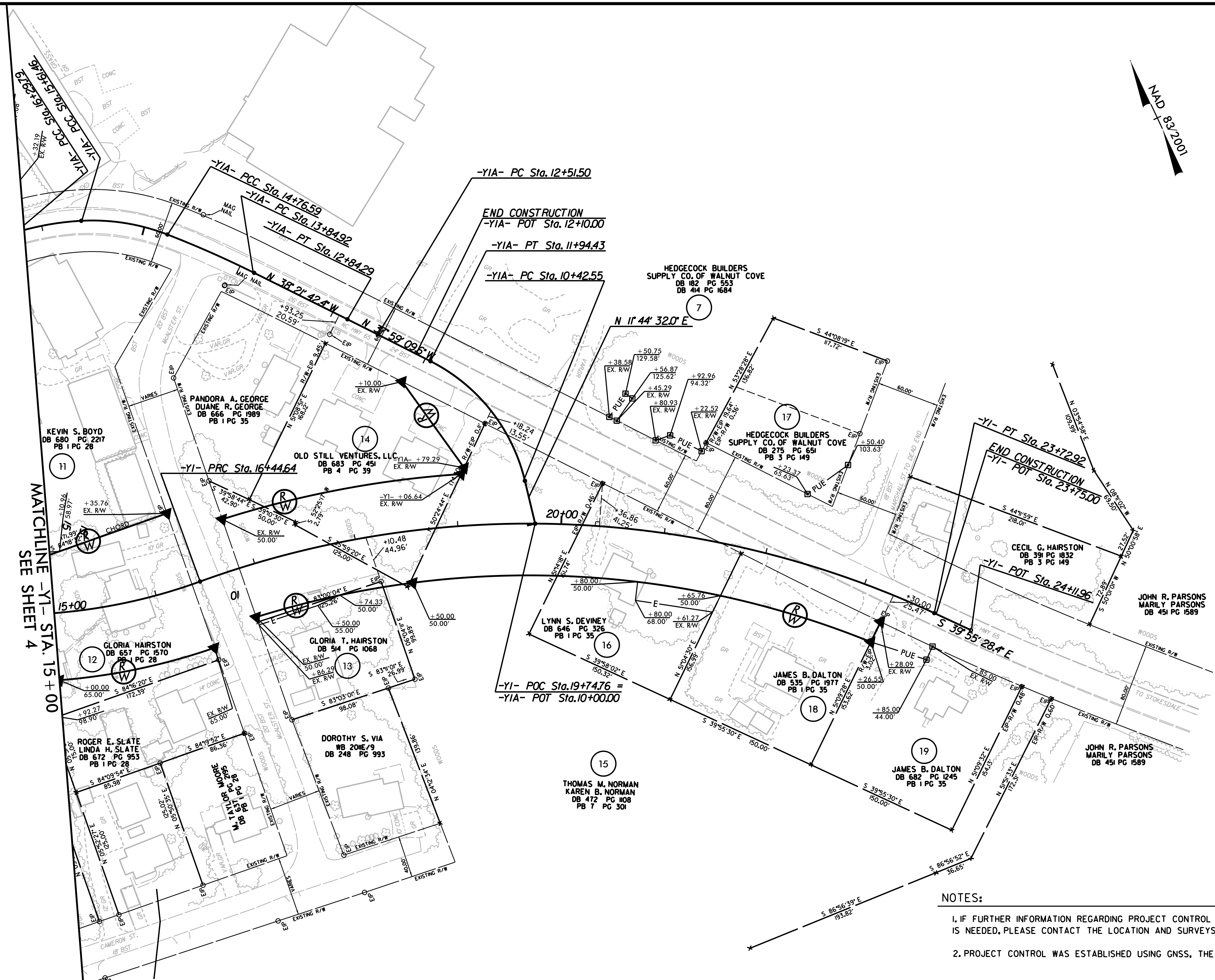
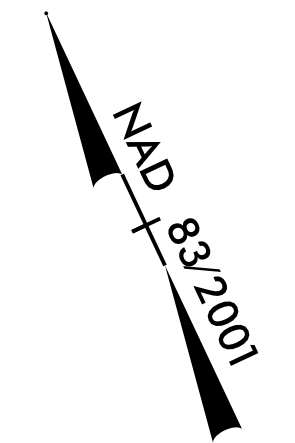
DocuSigned by:
Clinton Osborne
0A6F6085F5440B

SEAL
L-3834
CLINTON OSBORNE
SURVEYOR
STATE OF NORTH CAROLINA

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.

PROJECT REFERENCE NO. R-5768	SHEET NO. RW05
Location and Surveys	
ALLIED ASSOCIATES, P.A.	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



MATCHLINE -YI- STA. 15+00
SEE SHEET 4

- 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.

TODD H. WISHON
DB 392 PG 527
PB 1 PG 28

-YI-		-YIA-	
PI Sta 14+25.91	PI Sta 20+28.61	PI Sta 11+23.64	PI Sta 12+67.90
Δ = 50' 22" 00.7" (LT)	Δ = 44' 52" 04.1" (RT)	Δ = 49' 43" 41.6" (LT)	Δ = 0' 22" 32.9" (LT)
D = 10' 42" 34.2"	D = 6' 09" 39.0"	D = 32' 44" 25.6"	D = 1' 08" 45.3"
L = 470.30'	L = 728.27'	L = 151.89'	L = 32.79'
T = 251.56'	T = 383.96'	T = 81.0'	T = 16.40'
R = 535.00'	R = 930.00'	R = 175.00'	R = 5,000.00'
SE = 0.04	SE = 0.04	SE = 0.01	SE = EXIST.