

I, Clinton B. Osborne, PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
Type of GPS field procedure: Static
Dates of survey: 9/28/2018-11/09/2018
Datum/Epoch: NAD 83/NSRS 2011
Published/Fixed-control use: RTN
Localized around: U6061-GPS5
Northing: 792,795.7025
Easting: 1,716,937.2422
Combined grid factor: 0.999906436
Geoid model: 12b
Units: US Survey Foot

I also certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from February 2020 to May 2020, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

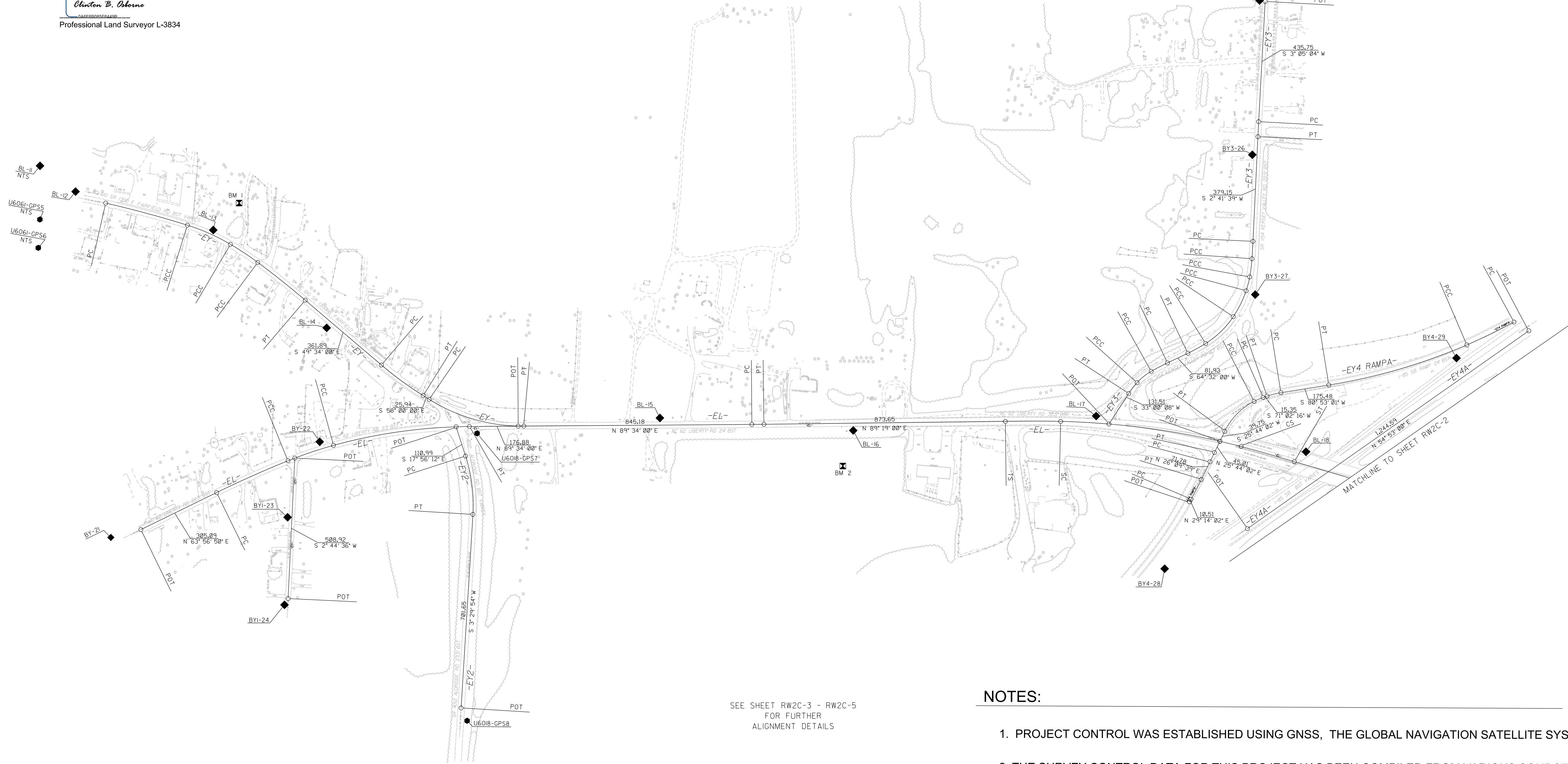
This 25th day of August, 2022.

DocuSigned by:

Clinton B. Osborne

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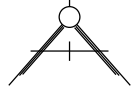
Professional Land Surveyor L-3834



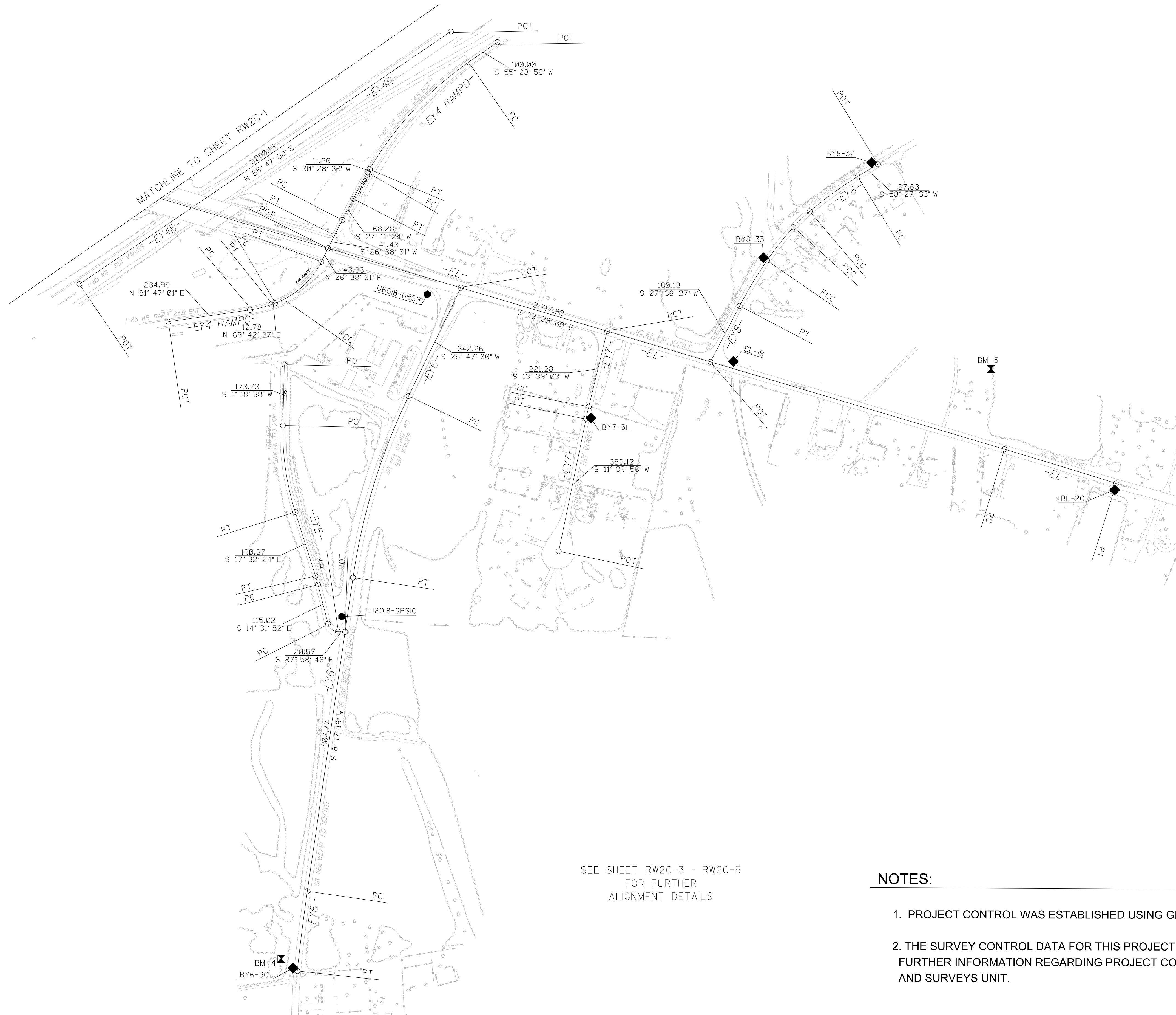
SEE SHEET RW2C-3 ~ RW2C-5
FOR FURTHER
ALIGNMENT DETAILS

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.
U-6018	RW02C-1
Location and Surveys	
 ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 WWW.ALLIEDAPA.COM C-2198 (336)765-2377	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SEE SHEET RW2C-3 - RW2C-5
FOR FURTHER
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DocuSigned by:
Clinton B. C
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6/2/19

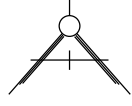
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SURVEY CONTROL SHEET
W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.
U-6018

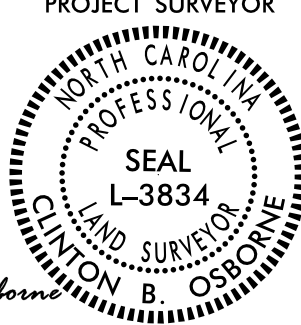
SHEET NO.
RW02C-3

Location and Surveys



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PROJECT SURVEYOR



DocuSigned by:
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0A5F8D05F64406

8/25/2022

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BL	POINT	DESC.	NORTH	EAST	ELEVATION
6		U6061-GPS6	792167.9865	1716931.4605	840.57
5		U6061-GPS5	792795.7025	1716937.2422	834.11
11		BL-11	793024.2581	1717616.0014	834.38
12		BL-12	793123.8213	1718367.5587	834.90
13		BL-13	792984.5322	1718865.6992	833.78
14		BL-14	792630.5638	1719276.0828	831.96
7		U6018-GPS7	792248.7862	1719820.3738	827.42
15		BL-15	792304.4935	1720481.6863	827.26
16		BL-16	792259.2062	1721181.1843	832.96
17		BL-17	792311.4916	1722059.9652	843.65
18		BL-18	792182.1174	1722819.0281	847.19
9		U6018-GPS9	791814.4667	1723737.5586	840.42
19		BL-19	791623.1836	1724609.4182	815.39
20		BL-20	791256.8278	1725696.4726	826.40

BY	POINT	DESC.	NORTH	EAST	ELEVATION
21		BY-21	791872.0399	1718495.2093	808.73
22		BY-22	792218.3580	1719250.9495	827.14
7		U6018-GPS7	792248.7862	1719820.3738	827.42

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
22		BY-22	792218.3580	1719250.9495	827.14
23		BY1-23	791944.9894	1719134.6396	810.15
24		BY1-24	791628.2225	1719123.5617	812.04

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
7		U6018-GPS7	792248.7862	1719820.3738	827.42
8		U6018-GPS8	791208.6888	1719784.2687	816.97

BY3	POINT	DESC.	NORTH	EAST	ELEVATION
25		BY3-25	793815.2679	1722651.1332	836.62
26		BY3-26	793257.0589	1722624.9360	840.67
27		BY3-27	792750.9456	1722635.5725	844.19
17		BL-17	792311.4916	1722059.9652	843.65

BY4	POINT	DESC.	NORTH	EAST	ELEVATION
28		BY4-28	791758.8885	1722307.8238	818.05
18		BL-18	792182.1174	1722819.0281	847.19
29		BY4-29	792521.2294	1723363.6286	817.88

BY6	POINT	DESC.	NORTH	EAST	ELEVATION
9		U6018-GPS9	791814.4667	1723737.5586	840.42
10		U6018-GPS10	790896.1258	1723493.7733	827.85
30		BY6-30	789894.7247	1723353.9326	819.93

BY7	POINT	DESC.	NORTH	EAST	ELEVATION
19		BL-19	791623.1836	1724609.4182	815.39
31		BY7-31	791461.7538	1724203.7407	825.50

BY8	POINT	DESC.	NORTH	EAST	ELEVATION
32		BY8-32	792189.3660	1725004.1317	821.57
33		BY8-33	791918.2633	1724695.5073	820.63
19		BL-19	791623.1836	1724609.4182	815.39

BM1 ELEVATION = 827.82
N 793082 E 1718959
RRS 24" POPLAR

BM2 ELEVATION = 827.26
N 792131 E 1721144
RRS 30" OAK

BM3 ELEVATION = 834.35
N 793878 E 1722696
RRS 20" MAPLE

BM4 ELEVATION = 821.06
N 789922 E 1723321
RRS 8" SWEETGUM

BM5 ELEVATION = 824.21
N 791602 E 1725344
RRS 20" OAK

NOTES:

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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	791900.505	1718603.945											
LINE			N 63°56'50.5" E	305.09									
PC	792034.497	1718878.031											
CURVE			N 65°58'20.7" E	282.69	04°03'00.5"(RT)	01°25'56.6"	282.75	141.43	4000.00				
PCC	792149.603	1719136.229											
CURVE			N 71°19'05.9" E	173.78	06°38'30.0"(RT)	03°49'11.0"	173.88	87.04	1500.00				
PCC	792205.267	1719300.854											
CURVE			N 82°06'10.7" E	496.18	14°55'39.5"(RT)	03°00'00.0"	497.59	250.21	1909.86				
PT	792273.439	1719792.331											
LINE			N 89°34'00.5" E	176.88									
POT	792274.777	1719969.206											
LINE			N 89°34'00.5" E	845.18									
PC	792281.167	1720814.363											
CURVE			N 89°26'30.2" E	43.66	00°15'00.5"(LT)	00°34'22.6"	43.66	21.83	10000.00				
PT	792281.592	1720858.018											
LINE			N 89°19'00.0" E	873.65									
TS	792292.011	1721731.607											
SPIRAL			N 89°59'00.0" E	199.99						02°00'00.0"(RT)	200.00	133.34	66.67
SC	792292.070	1721931.596											
CURVE			S 82°04'30.1" E	659.37	13°12'59.8"(RT)	02°00'00.0"	660.83	331.89	2864.79				
CS	792201.159	1722584.665											
SPIRAL			S 74°08'00.2" E	199.99						02°00'00.0"(RT)	200.00	133.34	66.67
ST	792146.482	1722777.035											
LINE			S 73°28'00.2" E	2717.88									
PC	791373.048	1725382.548											
CURVE			S 72°59'20.3" E	333.53	00°57'19.8"(RT)	00°17'11.3"	333.54	166.77	20000.00				
PT	791275.471	1725701.488											

EY POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	793082.124	1718476.716							
CURVE			S 74°51'25.0" E	306.15	04°29'56.2"(RT)	01°28'08.8"	306.23	153.20	3900.00
PCC	793002.147	1718772.240							
CURVE			S 66°05'02.7" E	170.41	13°02'48.5"(RT)	07°38'22.0"	170.78	85.76	750.00
PCC	792933.062	1718928.022							
CURVE			S 56°28'16.7" E	118.57	06°10'43.5"(RT)	05°12'31.3"	118.62	59.37	1100.00
PCC	792867.572	1719026.860							
CURVE			S 51°28'27.5" E	219.70	03°48'55.0"(RT)	01°44'10.4"	219.74	109.91	3300.00
PT	792730.726	1719198.740							
LINE			S 49°34'00.0" E	361.89					
PC	792496.021	1719474.193							
CURVE			S 53°47'00.0" E	187.24	08°26'00.0"(LT)	04°30'00.0"	187.41	93.87	1273.24
PT	792385.393	1719625.255							
LINE			S 58°00'00.0" E	25.94					
PC	792371.647	1719647.253							
CURVE			S 74°13'00.0" E	355.58	32°26'00.0"(LT)	09°00'00.0"	360.37	185.16	636.62
PT	792274.929	1719989.425							

EY4A POINT	N	E	BEARING	DIST
POT	791904.136	1722607.541		
LINE			N 54°53'00.0" E	1244.59
POT	792620.078	1723625.594		

EY4B POINT	N	E	BEARING	DIST
POT	791843.265	1722746.017		
LINE			N 55°47'00.0" E	1280.13
POT	792563.113	1723804.579		

EY1 POINT	N	E	BEARING	DIST
POT	792159.299	1719160.847		
LINE			S 02°44'35.9" W	508.92
POT	791650.961	1719136.490		

EY2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	792272.474	1719744.362							
LINE			S 17°56'12.0" E	110.99					
PC	792166.878	1719778.543							
CURVE			S 07°13'09.0" E	213.10	21°26'06.0"(RT)	10°00'00.0"	214.35	108.44	572.96
PT	791955.465	1719805.322							
LINE			S 03°29'54.0" W	701.65					
POT	791255.120	1719762.508							

EY3 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	793812.008	1722671.457							
LINE			S 03°05'03.6" W	435.75					
PC	793376.884	1722648.011							
CURVE			S 02°53'21.5" W	54.46	00°23'24.1"(LT)	00°42'58.3"	54.46	27.23	8000.00
PT	793322.496	1722645.266							
LINE			S 02°41'39.5" W	379.15					
PC	792943.764	1722627.443							
CURVE			S 03°17'42.1" W	62.91	01°12'05.2"(RT)	01°54'35.5"	62.91	31.45	3000.00
PCC	792880.962	1722623.827							
CURVE			S 07°07'28.2" W	66.46	06°27'27.0"(RT)	09°42'40.1"	66.50	33.28	590.00
PCC	792815.014	1722615.585							
CURVE			S 14°36'31.5" W	51.94	08°30'39.6"(RT)	16°22'12.8"	51.99	26.04	350.00
PCC	792764.751	1722602.484							
CURVE			S 26°16'45.9" W	104.54	14°49'49.2"(RT)	14°08'49.6"	104.83	52.71	405.00
PCC	792671.018	1722556.200							
CURVE			S 45°52'59.8" W	139.35	24°22'38.7"(RT)	17°21'44.5"	140.40	71.28	330.00
PCC	792574.015	1722456.159							
CURVE			S 61°18'09.4" W	73.26	06°27'40.4"(RT)	08°48'53.0"	73.30	36.69	650.00
PT	792538.836	1722391.897							
LINE			S 64°31'59.6" W	81.93					
PC	792503.608	1722317.928							
CURVE			S 62°38'32.6" W	65.99	03°46'53.9"(LT)	05°43'46.5"	66.00	33.01	1000.00
PCC	792473.282	1722259.319							
CURVE			S 51°18'25.7" W	65.64	18°53'20.1"(LT)	28°38'52.4"	65.93	33.27	200.00
PCC	792432.250	1722208.089							
CURVE			S 37°25'57.0" W	49.44	08°51'37.2"(LT)	17°54'17.8"	49.49	24.79	320.00
PT	792392.994	1722178.040							
LINE			S 33°00'08.4" W	131.51					
POT	792282.701	1722106.409							

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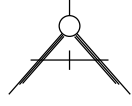
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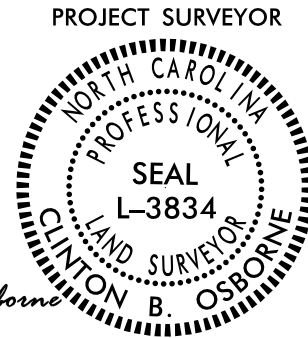
RW02C-4

Location and Surveys



ALLIED ASSOCIATES, P.A.
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PROJECT SURVEYOR



8/25/2022

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Clayton B. Osborne
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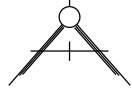
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SHEET NO.
RW02C-5

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CA8F8B5B5F6449B

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EY4RAMPA POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	792651.686	1723571.631							
CURVE			S 64°04'34.0° W	189.61	05°19'38.0°(RT)	02°48'31.0°	189.67	94.91	2040.00
PCC	792568.795	1723401.104							
CURVE			S 73°48'41.8° W	520.04	14°08'37.8°(RT)	02°42'46.3°	521.36	262.01	2112.00
PT	792423.810	1722901.686							
LINE			S 80°53'00.7° W	175.48					
PC	792396.006	1722728.419							
CURVE			S 75°57'38.6° W	51.49	09°50'44.3°(LT)	19°05'54.9°	51.55	25.84	300.00
PT	792383.516	1722678.468							
LINE			S 71°02'16.4° W	15.35					
PC	792378.527	1722663.948							
CURVE			S 66°57'38.6° W	35.55	08°09'15.7°(LT)	22°55'05.9°	35.58	17.82	250.00
PCC	792364.614	1722631.234							
CURVE			S 44°18'31.4° W	152.09	37°08'58.6°(LT)	24°00'00.0°	154.79	80.23	238.73
PT	792255.779	1722524.993							
LINE			S 25°44'02.2° W	39.75					
POT	792219.971	1722507.734							

EY5 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	791613.831	1723329.884							
LINE			S 01°18'38.1° W	173.23					
PC	791440.643	1723325.922							
CURVE			S 08°06'52.8° E	248.92	18°51'01.8°(LT)	07°32'20.1°	250.04	126.16	760.00
PT	791194.219	1723361.058							
LINE			S 17°32'23.7° E	190.67					
PC	791012.413	1723418.520							
CURVE			S 16°02'08.0° E	26.25	03°00'31.4°(RT)	11°27'33.0°	26.26	13.13	500.00
PT	790907.182	1723425.772							
LINE			S 14°31'52.4° E	115.02					
PC	790875.844	1723454.631							
CURVE			S 51°15'19.4° E	35.88	73°26'54.0°(LT)	190°59'09.4°	38.46	22.38	30.00
PT	790853.390	1723482.614							
LINE			S 87°58'46.4° E	20.57					
POT	790852.665	1723503.174							

EY4RAMPB POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	792001.096	1722397.717							
LINE			N 29°14'02.2° E	10.51					
PC	792010.264	1722402.848							
CURVE			N 27°41'50.7° E	80.44	03°04'22.8°(LT)	03°49'11.0°	80.45	40.24	1500.00
PT	792081.488	1722440.238							
LINE			N 26°09'39.3° E	71.78					
PC	792145.919	1722471.887							
CURVE			N 25°56'50.7° E	37.26	00°25'37.2°(LT)	01°08'45.3°	37.26	18.63	5000.00
PT	792179.425	1722488.191							
LINE			N 25°44'02.2° E	45.01					
POT	792219.971	1722507.734							

EY6 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	791832.975	1723833.165							
LINE			S 25°47'00.0° W	342.26					
PC	791524.791	1723684.294							
CURVE			S 17°02'09.6° W	541.39	17°29'40.7°(LT)	03°13'07.9°	543.50	273.88	1780.00
PT	791007.152	1723525.680							
LINE			S 08°17'19.3° W	902.77					
PC	790113.810	1723395.536							
CURVE			S 07°11'38.2° W	229.27	02°11'22.1°(LT)	00°57'17.7°	229.28	114.65	6000.00
PT	789886.347	1723366.825							

EY4RAMPC POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	791736.410	1722999.659							
LINE			N 81°47'00.7° E	234.95					
PC	791769.988	1723232.200							
CURVE			N 75°44'48.8° E	63.10	12°04'23.8°(LT)	19°05'54.9°	63.22	31.73	300.00
PT	791785.523	1723293.357							
LINE			N 69°42'36.9° E	10.78					
PC	791789.263	1723303.472							
CURVE			N 66°44'48.8° E	25.85	05°55'36.2°(LT)	22°55'05.9°	25.86	12.94	250.00
PCC	791799.468	1723327.221							
CURVE			N 45°12'30.7° E	152.09	37°09'00.0°(LT)	24°00'00.0°	154.79	80.23	238.73
PT	791906.623	1723435.159							
LINE			N 26°38'00.7° E	43.33					
POT	791945.355	1723454.583							

EY7 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	791709.230	1724250.032							
LINE			S 13°39'03.4° W	221.28					
PC	791494.205	1724197.810							
CURVE			S 12°39'29.5° W	34.65	01°59'07.9°(LT)	05°43'46.5°	34.65	17.33	1000.00
PT	791460.395	1724190.216							
LINE			S 11°39'55.6° W	386.12					
POT	791082.246	1724112.143							

EY4RAMPD POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	792532.640	1723937.248							
LINE			S 55°08'55.9° W	100.00					
PC	792475.495	1723855.184							
CURVE			S 42°48'46.2° W	414.47	24°40'19.4°(LT)	05°54'24.4°	417.69	212.13	970.00
PT	792171.449	1723573.508							
LINE			S 38°28'36.5° W	11.20					
PC	792161.800	1723567.830							
CURVE			S 28°50'00.3° W	86.04	03°17'12.3°(LT)	03°49'11.0°	86.05	43.04	1500.00
PT	792086.431	1723526.338							
LINE			S 27°11'24.2° W	68.28					
PC	792025.694	1723495.136							
CURVE			S 26°54'42.4° W	48.56	00°33'23.4°(LT)	01°08'45.3°	48.56	24.28	5000.00
PT	791982.389	1723473.155							
LINE			S 26°38'00.7° W	41.43					
POT	791945.355	1723454.583							

EY8 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	792185.085	1725021.844							
LINE			S 58°27'33.5° W	67.63					
PC	792149.708	1724964.207							
CURVE			S 54°03'38.7° W	168.73	08°47'49.5°(LT)	05°12'31.3°	168.89	84.61	1100.00
PCC	792050.678	1724827.600							
CURVE			S 45°57'46.4° W	64.52	07°23'55.1°(LT)	11°27'33.0°	64.57	32.33	500.00
PCC	792005.829	1724781.217							
CURVE			S 38°23'37.9° W	121.48	07°44'22.0°(LT)	06°21'58.3°	121.57	60.88	900.00
PCC	791910.619	1724705.771							
CURVE			S 31°03'57.2° W	150.80	06°54'59.4°(LT)	04°35'01.2°	150.89	75.54	1250.00
PT	791781.445	1724627.953							
LINE			S 27°36'27.5° W	180.13					
POT	791621.825	1724544.478							

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.

PROPOSED ALIGNMENT CONTROL SHEET

L														
STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
13+05.09	PC	792034.497	1718878.031	N 65°58'20.7" E	282.69	04°03'00.4"(RT)	01°25'56.6"	282.75	141.43	4000.00				
15+87.84	PCC	792149.603	1719136.229	N 71°19'05.9" E	173.78	06°38'30.0"(RT)	03°49'11.0"	173.88	87.04	1500.00				
17+61.72	PCC	792205.267	1719300.854	N 82°02'30.8" E	492.14	14°48'19.7"(RT)	03°00'00.0"	493.52	248.14	1909.86				
22+55.23	PT	792273.404	1719788.258	N 89°26'40.6" E	1949.84									
42+05.07	TS	792292.304	1721738.004	S 89°53'19.4" E	199.99									
44+05.07	SC	792291.915	1721937.993	S 82°00'39.8" E	653.01	13°05'19.1"(RT)	02°00'00.0"	654.43	328.65	2864.79	02°00'00.0"(RT)	200.00	133.34	66.67
50+59.50	CURVE	792201.159	1722584.665	S 74°08'00.2" E	199.99									
52+59.50	CS	792146.482	1722777.035	S 73°28'00.2" E	2717.88						02°00'00.0"(RT)	200.00	133.34	66.67
52+59.50	ST													
79+77.39	PC	791373.048	1725382.548	S 72°59'20.3" E	333.53	00°57'19.8"(RT)	00°17'11.3"	333.54	166.77	20000.00				
83+10.92	PT	791275.471	1725701.488											

DR1										
STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	792288.748	1721371.182							
10+00.00	LINE			S 00°33'19.4" E	34.39					
10+34.39	PC	792254.363	1721371.515	S 09°51'36.4" E	32.34	18°36'34.0"(LT)	57°17'44.8"	32.48	16.38	100.00
10+66.87	CURVE	792222.503	1721377.052	S 19°09'53.4" E	83.13					
10+66.87	PT									
11+50.00	LINE									
11+50.00	POT	792143.977	1721404.344							

Y3										
STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	793812.008	1722671.457	S 03°05'03.6" W	644.55					
10+00.00	LINE									
16+44.55	PC	793168.392	1722636.777	S 48°50'34.5" W	487.16	91°31'01.9"(RT)	16°51'06.1"	543.07	349.12	340.00
21+87.62	CURVE	792847.782	1722269.993	N 85°23'54.5" W	524.73					
21+87.62	PT									
27+12.35	LINE	792889.878	1721746.956	S 48°12'36.4" W	492.37	92°46'58.2"(LT)	16°51'06.1"	550.58	356.93	340.00
27+12.35	PC									
32+62.94	CURVE	792561.765	1721379.851	S 01°49'07.3" W	273.15					
32+62.94	PT									
35+36.09	LINE	792288.748	1721371.182							
35+36.09	POT									

Y3REV										
STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+61.15	POT	793812.008	1722671.457	S 03°05'03.6" W	661.52					
10+61.15	LINE									
17+22.67	PC	793151.449	1722635.864	S 45°43'10.8" W	460.58	85°16'14.6"(RT)	16°51'06.1"	506.01	313.03	340.00
22+28.68	CURVE	792829.883	1722306.116	S 88°21'18.1" W	598.93					
22+28.68	PT									
28+27.60	LINE	792812.690	1721707.438	S 45°05'12.7" W	466.08	86°32'10.8"(LT)	16°51'06.1"	513.52	320.04	340.00
28+27.60	PC									
33+41.12	CURVE	792483.620	1721377.369	S 01°49'07.3" W	194.97					
33+41.12	PT									
35+36.09	LINE	792288.748	1721371.182							
35+36.09	POT									

Y5										
STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	791613.831	1723329.884	S 01°18'38.1" W	173.23					
10+00.00	LINE									
11+73.23	PC	791440.643	1723325.922	S 08°06'52.8" E	248.92	18°51'01.8"(LT)	07°32'20.1"	250.04	126.16	760.00
14+23.28	CURVE	791194.219	1723361.058	S 17°32'23.7" E	187.97					
14+23.28	PT									
16+11.24	LINE	791014.992	1723417.705	S 49°37'32.2" E	106.24	64°10'17.0"(LT)	57°17'44.8"	112.00	62.70	100.00
16+11.24	PC									
17+23.24	CURVE	790946.174	1723498.640	S 81°42'40.7" E	17.97					
17+23.24	PT									
17+41.21	LINE	790943.584	1723516.419							
17+41.21	POT									

Y6										
STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	791832.975	1723833.165	S 25°47'00.0" W	342.26					
10+00.00	LINE									
13+42.26	PC	791524.791	1723684.294	S 17°02'09.6" W	541.39	17°29'40.7"(LT)	03°13'07.9"	543.50	273.88	1780.00
18+85.76	CURVE	791007.152	1723525.680	S 08°17'19.3" W	902.77					
18+85.76	PT									
27+88.53	LINE	790113.810	1723395.536	S 07°11'38.2" W	229.27	02°11'22.1"(LT)	00°57'17.7"	229.28	114.65	6000.00
27+88.53	PC									
30+17.81	CURVE	789886.347	1723366.825							
30+17.81	PT									

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

3. RIGHT OF WAY MONUMENTATION ESTABLISHED JUNE 2021 TO AUGUST 2022 .

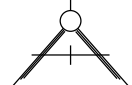
PROJECT REFERENCE NO.

U-6018

SHEET NO.

RW02D-1

Location and Surveys



ALLIED ASSOCIATES, P.A.
4720 KESTER MILL ROAD
WINSTON SALEM, NC 27103
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(336)765-2377

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Clinton B. Osborne, PLS, certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

This 25th day of August, 2022.

DocuSigned by:


CLINTON B. OSBORNE
040F6B085F5445B

Professional Land Surveyor L-3834

6/2/99

PROPOSED ALIGNMENT CONTROL SHEET

Y7										
STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	791709.230	1724250.032							
	LINE			S 13°39'03.4" W	221.28					
12+21.28	PC	791494.205	1724197.810							
	CURVE			S 12°39'29.5" W	34.65	0°59'07.9"(LT)	05°43'46.5"	34.65	17.33	1000.00
12+55.93	PT	791460.395	1724190.216							
	LINE			S 11°39'55.6" W	386.12					
16+42.05	POT	791082.246	1724112.143							

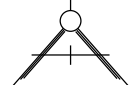
Y8										
STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	792185.085	1725021.844							
	LINE			S 58°27'33.5" W	67.63					
10+67.63	PC	792149.708	1724964.207							
	CURVE			S 53°35'39.8" W	186.58	0°9'43'47.4"(LT)	05°12'31.3"	186.80	93.62	1100.00
12+54.43	PCC	792038.976	1724814.045							
	CURVE			S 40°07'36.3" W	224.37	17°12'19.4"(LT)	07°38'22.0"	225.22	113.46	750.00
14+79.65	PT	791867.416	1724669.441							
	LINE			S 31°31'26.6" W	280.55					
17+60.19	POT	791628.273	1724522.755							

Y9										
STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	791628.279	1724522.736							
	LINE			S 20°32'28.4" W	155.25					
11+55.25	PC	791482.902	1724468.263							
	CURVE			S 15°21'51.2" W	153.40	10°21'14.4"(LT)	06°44'26.4"	153.60	77.01	850.00
13+08.85	PT	791334.988	1724427.620							
	LINE			S 10°11'14.0" W	316.29					
16+25.15	PC	791023.682	1724371.679							
	CURVE			S 53°55'51.8" W	470.18	87°29'15.6"(RT)	16°51'06.1"	519.16	325.41	340.00
21+44.31	PT	790746.862	1723991.631							
	LINE			N 82°19'30.3" W	498.64					
26+42.94	POT	790813.456	1723497.462							

PROJECT REFERENCE NO.
U-6018

SHEET NO.
RW02D-1

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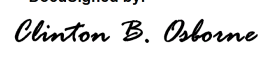
PROJECT SURVEYOR



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I, Clinton B. Osborne, PLS, certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

This 25th day of August, 2022.

DocuSigned by:

CLINTONB.OSBORNE
Professional Land Surveyor L-3834

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED JUNE 2021 TO AUGUST 2022 .

RIGHT OF WAY CONTROL SHEET

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	26+00.00	31.63	792245.1191	1720133.3167
L	26+00.00	55.00	792221.7485	1720133.5432
L	26+00.00	-35.00	792311.7442	1720132.6709
L	26+00.00	-29.23	792305.9750	1720132.7268
L	26+15.00	55.00	792221.8939	1720148.5425
L	26+15.00	31.64	792245.2523	1720148.3161
L	26+70.00	-65.00	792342.4213	1720202.3768
L	26+98.00	54.00	792223.6983	1720231.5289
L	27+25.00	-65.00	792342.9545	1720257.3742
L	27+25.00	-50.00	792327.9552	1720257.5196
L	28+00.00	-75.00	792353.6810	1720332.2738
L	28+10.00	-68.00	792346.7782	1720342.3411
L	28+10.00	-75.00	792353.7779	1720342.2733
L	28+43.00	67.00	792212.1044	1720376.6481
L	28+43.00	75.00	792204.1048	1720376.7257
L	28+53.00	75.00	792204.2017	1720386.7252
L	28+53.00	68.00	792211.2014	1720386.6574
L	31+49.11	-68.00	792350.0652	1720681.4305
L	32+65.00	74.00	792209.1952	1720798.6962
L	32+68.00	-76.00	792359.2172	1720800.2421
L	32+68.00	-66.80	792350.0161	1720800.3313
L	32+94.00	-76.00	792359.4692	1720826.2409
L	33+15.00	50.00	792233.6787	1720848.4612
L	33+20.00	-68.00	792351.7216	1720852.3172
L	34+13.00	76.00	792208.6298	1720946.7086
L	34+13.00	86.00	792198.6303	1720946.8055
L	34+22.00	86.00	792198.7176	1720955.8051
L	34+50.00	77.00	792207.9885	1720983.7166
L	35+50.00	-68.00	792353.9510	1721082.3064
L	37+36.00	-70.00	792357.7538	1721268.2782
L	37+68.00	92.00	792196.0716	1721301.8470
L	37+70.00	82.00	792206.0905	1721303.7500
L	37+77.00	93.00	792195.1589	1721310.8563
L	37+80.00	82.00	792206.1875	1721313.7495
L	37+94.00	82.00	792206.3232	1721327.7489
L	64+32.24	77.00	791738.9371	1723879.3737
L	64+60.00	63.03	791744.4264	1723909.9611
L	64+60.00	77.00	791731.0372	1723905.9866
L	67+00.00	77.00	791662.7399	1724136.0637
**** L	67+00.00	59.83	791679.1955	1724140.9485
L	67+15.00	59.87	791674.8914	1724155.3178
L	67+15.00	77.00	791658.4713	1724150.4436
L	67+67.19	77.00	791643.6187	1724200.4784
L	68+18.00	-74.78	791774.6622	1724292.3765
L	68+18.00	-90.00	791789.2557	1724296.7085
L	68+27.18	72.00	791631.3403	1724259.4117
L	69+50.00	50.00	791617.4805	1724383.4108
L	69+50.00	72.00	791596.3901	1724377.1503
L	69+50.00	80.00	791588.7209	1724374.8737
L	69+90.96	-90.00	791740.0369	1724462.5150
L	70+50.00	-111.81	791744.1436	1724525.3230
L	71+48.00	71.24	791540.7735	1724567.1802
L	72+25.00	-102.00	791684.9388	1724690.2958
L	72+50.00	80.00	791503.3493	1724662.4701
L	72+59.00	165.00	791419.3025	1724646.9094
L	72+60.00	110.00	791471.7439	1724663.5195
L	72+65.00	71.00	791507.7086	1724679.4111
L	72+85.00	142.00	791433.9527	1724678.3795
L	73+50.00	50.00	791503.6517	1724766.8727
L	73+50.00	70.00	791484.4786	1724761.1813
L	74+75.00	50.00	791468.0802	1724886.7045
L	74+75.00	67.91	791450.9155	1724881.6093
L	74+90.00	67.65	791446.8879	1724896.0606
L	74+90.00	50.00	791463.8117	1724901.0844
L	77+08.00	64.00	791388.3538	1725106.0871
L	77+08.00	75.00	791377.8086	1725102.9568
L	77+18.00	75.00	791374.9629	1725112.5433
L	77+18.00	64.00	791385.5081	1725115.6736
L	77+18.00	-50.00	791494.7947	1725148.1148
L	78+32.00	-48.00	791460.4362	1725256.8323
L	78+32.00	-30.34	791443.5100	1725251.8079
L	78+38.00	45.00	791369.5739	1725236.1190
L	78+41.00	-48.00	791457.8750	1725265.4602
L	78+41.00	-30.35	791440.9530	1725260.4370
L	78+48.00	29.73	791381.3621	1725250.0496
L	78+48.00	45.00	791366.7281	1725245.7056

MARKER EXCEPTIONS:
**** = REBAR SET WITHOUT CAP

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
DR1	11+05.00	51.00	792169.7407	1721341.3976
DR1	11+15.00	35.00	792165.5475	1721359.7937
** DR1	11+15.00	-21.35	792184.0477	1721413.0244

MARKER EXCEPTIONS:
** = MAG NAIL SET

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y3REV	15+86.72	50.00	793289.8904	1722593.2509
Y3REV	15+87.17	29.42	793288.3374	1722613.7780
Y3REV	17+10.00	-30.35	793162.4680	1722666.8474
Y3REV	17+10.00	-62.00	793160.7648	1722698.4556
Y3REV	17+22.00	-30.41	793150.4822	1722666.2609
Y3REV	17+22.00	-62.00	793148.7822	1722697.8100
Y3REV	17+22.67	55.00	793154.4084	1722580.9434
Y3REV	18+80.00	70.00	793036.3904	1722531.1268
Y3REV	18+80.00	60.00	793031.4514	1722539.8220
Y3REV	19+00.00	55.00	793014.6566	1722535.4657
Y3REV	19+00.00	70.00	793022.8190	1722522.8810
Y3REV	19+35.00	-44.14	792928.6956	1722595.4578
Y3REV	19+71.00	30.00	792950.7994	1722515.8191
Y3REV	20+45.00	-60.00	792832.7528	1722511.8509
Y3REV	20+45.00	-70.00	792824.3280	1722517.2383
Y3REV	20+56.00	-60.00	792825.9585	1722500.8375
Y3REV	20+56.00	-70.00	792817.3639	1722505.9495
Y3REV	21+00.00	-30.00	792829.9920	1722442.8815
Y3REV	21+00.00	-53.00	792808.8724	1722451.9899
Y3REV	21+90.00	-60.00	792773.7949	1722353.1502
Y3REV	21+90.00	-75.00	792758.9469	1722355.2800
Y3REV	22+00.00	-75.00	792757.3917	1722343.1740
Y3REV	22+00.00	-62.00	792770.3087	1722341.7074
Y3REV	25+00.00	-60.00	792762.1186	1722036.6276
Y3REV	25+00.00	-30.00	792792.1063	1722035.7665
Y3REV	25+85.00	30.00	792849.6415	1721949.0791
Y3REV	25+85.00	55.00	792874.6312	1721948.3615
Y3REV	26+30.00	55.00	792873.3394	1721903.3800
Y3REV	26+30.00	30.00	792848.3497	1721904.0977
Y3REV	27+00.00	-60.00	792756.3774	1721836.7101
Y3REV	27+85.00	30.00	792843.9003	1721749.1615
Y3REV	27+85.00	80.00	792893.8797	1721747.7262
Y3REV	28+20.00	80.00	792892.8750	1721712.7407
Y3REV	28+20.00	30.00	792842.8956	1721714.1760
Y3REV	29+40.00	-45.00	792748.9929	1721613.4728
Y3REV	30+20.00	30.00	792779.3306	1721509.9368
Y3REV	30+65.00	-30.00	792704.4656	1721511.1767
Y3REV	30+70.00	75.00	792778.8336	1721436.8650
Y3REV	30+70.00	90.00	792789.8940	1721426.7325
Y3REV	30+80.00	90.00	792781.2150	1721417.5340
Y3REV	30+80.00	80.00	792774.0433	1721424.5030
Y3REV	32+40.00	80.00	792608.5908	1721319.7450
Y3REV	32+40.00	90.00	792611.8232	1721310.2818
Y3REV	32+50.00	90.00	792599.7967	1721306.3704
Y3REV	32+50.00	80.00	792596.8439	1721315.9245
Y3REV	33+50.00	30.00	792475.6962	1721347.1026
Y3REV	33+50.00	65.00	792476.8070	1721312.1203
Y3REV	33+80.00	65.00	792446.8221	1721311.1682
Y3REV	34+25.00	-30.00	792398.8297	1721404.6921
Y3REV	34+31.50	-63.00	792391.2900	1721437.4694
Y3REV	34+40.00	56.00	792386.5667	1721318.2594
Y3REV	34+40.00	30.00	792385.7415	1721344.2463

PERMANENT EASEMENT MARKER NOTES:

1. UNLESS OTHERWISE NOTED, ALL ROW MARKERS AND CONTROL ACCESS MARKERS HAVE BEEN SET AS REBAR WITH ALUMINUM CAP
2. ANY MARKER EXCEPTIONS ARE LISTED BELOW THEIR RESPECTIVE TABLE

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED JUNE 2021 TO AUGUST 2022.

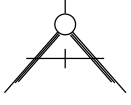
PROJECT REFERENCE NO.

U-6018

SHEET NO.

RW03E-2

Location and Surveys



ALLIED ASSOCIATES, P.A.
4720 KESTER MILL ROAD
WINSTON SALEM, NC 27103
WWW.ALLIEDAPA.COM C-2198
(336)765-2377

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Clinton B. Osborne, PLS, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from June 2021 to August 2022, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 29th day of May, 2024.

DocuSigned by:

Clinton B. Osborne
Professional Land Surveyor L-3834
040F8B0505F6448B

RIGHT OF WAY CONTROL SHEET

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y5	15+78.00	-30.00	791055.7295	1723436.2925
Y5	15+85.00	-62.00	791058.6988	1723468.9143

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y6	18+00.00	-49.25	791082.2472	1723588.4216
Y6	18+00.00	-60.00	791080.1873	1723598.9704
Y6	18+65.00	-50.04	791019.8879	1723578.2181
Y6	18+65.00	-66.00	791017.4024	1723593.9879
Y6	19+60.00	113.22	790950.0102	1723402.9407
Y6	19+90.00	-66.00	790894.4871	1723575.9635
Y6	20+07.00	118.00	790904.1903	1723391.4347
Y6	20+07.00	126.00	790905.3435	1723383.5183
Y6	20+17.00	118.00	790894.2947	1723389.9931
Y6	20+17.00	126.00	790895.4480	1723382.0767
Y6	22+00.00	-60.00	790687.5457	1723539.7524
Y6	22+00.00	-50.24	790688.9532	1723530.0909
Y6	22+16.00	99.00	790694.6344	1723380.1067
Y6	22+20.50	108.50	790691.5509	1723370.0572
Y6	22+24.00	95.00	790686.1413	1723382.9116
Y6	22+28.50	104.50	790683.0578	1723372.8621
Y6	22+92.00	53.96	790612.9354	1723413.7187

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y8	13+10.00	45.00	792032.3386	1724741.5668
Y8	13+10.00	30.00	792021.8280	1724752.2685
* Y8	13+27.03	-56.00	791950.2007	1724802.7123
*** Y8	13+27.67	-31.50	791966.5186	1724784.4228
Y8	14+00.00	50.00	791963.4844	1724674.9972
Y8	15+00.00	50.00	791876.2086	1724616.1772
Y8	15+45.00	-72.00	791774.0612	1724696.6440
Y8	15+88.00	30.00	791790.7385	1724587.2142
Y8	15+96.00	60.00	791799.6048	1724557.4588
Y8	15+98.00	30.00	791782.2143	1724581.9857
Y8	16+08.00	58.00	791788.3300	1724552.8893

MARKER EXCEPTIONS:
* = POINT NOT SET (FELL UNDER WOOD FENCE)
*** = EXISTING IRON PIN

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y9	11+10.00	58.94	791545.9528	1724428.9491
Y9	11+50.00	65.00	791510.6232	1724409.2367
Y9	12+85.00	55.00	791369.6451	1724378.3286
Y9	14+19.32	50.00	791235.1075	1724358.8705
Y9	14+54.00	-110.00	791172.6738	1724510.2140
Y9	14+85.00	-30.00	791156.3117	1724425.9924
Y9	14+97.00	-132.00	791126.4606	1724524.2620
Y9	15+16.00	-50.00	791122.2631	1724440.1943
Y9	16+25.00	-50.00	791014.9815	1724420.9159
Y9	17+00.00	50.00	790971.4294	1724304.3759
Y9	17+50.00	45.00	790930.8775	1724289.2980
Y9	18+65.00	-50.00	790782.4205	1724284.5475
Y9	18+65.00	-30.00	790797.8766	1724271.8547
Y9	19+05.00	45.00	790835.4383	1724196.2035
Y9	19+05.00	30.00	790822.8097	1724204.2950
Y9	20+45.00	45.00	790792.4966	1724083.4923
Y9	20+45.00	30.00	790777.6838	1724085.8544
Y9	21+44.31	45.00	790791.4588	1723997.6407
Y9	21+44.31	45.00	790791.4588	1723997.6407
Y9	22+50.00	-75.00	790686.6492	1723876.8688
Y9	22+50.00	-30.00	790731.2461	1723882.8786
Y9	22+50.00	62.00	790822.4220	1723895.1654
Y9	23+70.00	-75.00	790702.6755	1723757.9438
Y9	23+70.00	-100.00	790677.8994	1723754.6049
Y9	24+00.00	80.00	790860.2935	1723748.9131
Y9	24+00.00	-105.00	790676.9508	1723724.2059
Y9	24+50.00	-95.00	790693.5388	1723675.9894
Y9	25+50.00	-72.00	790729.6880	1723579.9569

PERMANENT EASEMENT MARKER NOTES:

1. UNLESS OTHERWISE NOTED, ALL ROW MARKERS AND CONTROL ACCESS MARKERS HAVE BEEN SET AS REBAR WITH ALUMINUM CAP
2. ANY MARKER EXCEPTIONS ARE LISTED BELOW THEIR RESPECTIVE TABLE

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED JUNE 2021 TO OCTOBER 2021 .

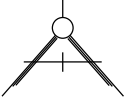
PROJECT REFERENCE NO.

U-6018

SHEET NO.

RW03E-3

Location and Surveys



ALLIED ASSOCIATES, P.A.
4720 KESTER MILL ROAD
WINSTON SALEM, NC 27103
WWW.ALLIEDAPA.COM C-2198
(336)765-2377

PROJECT SURVEYOR

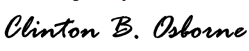


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Clinton B. Osborne, PLS, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from June 2021 to October 2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of August, 2022.

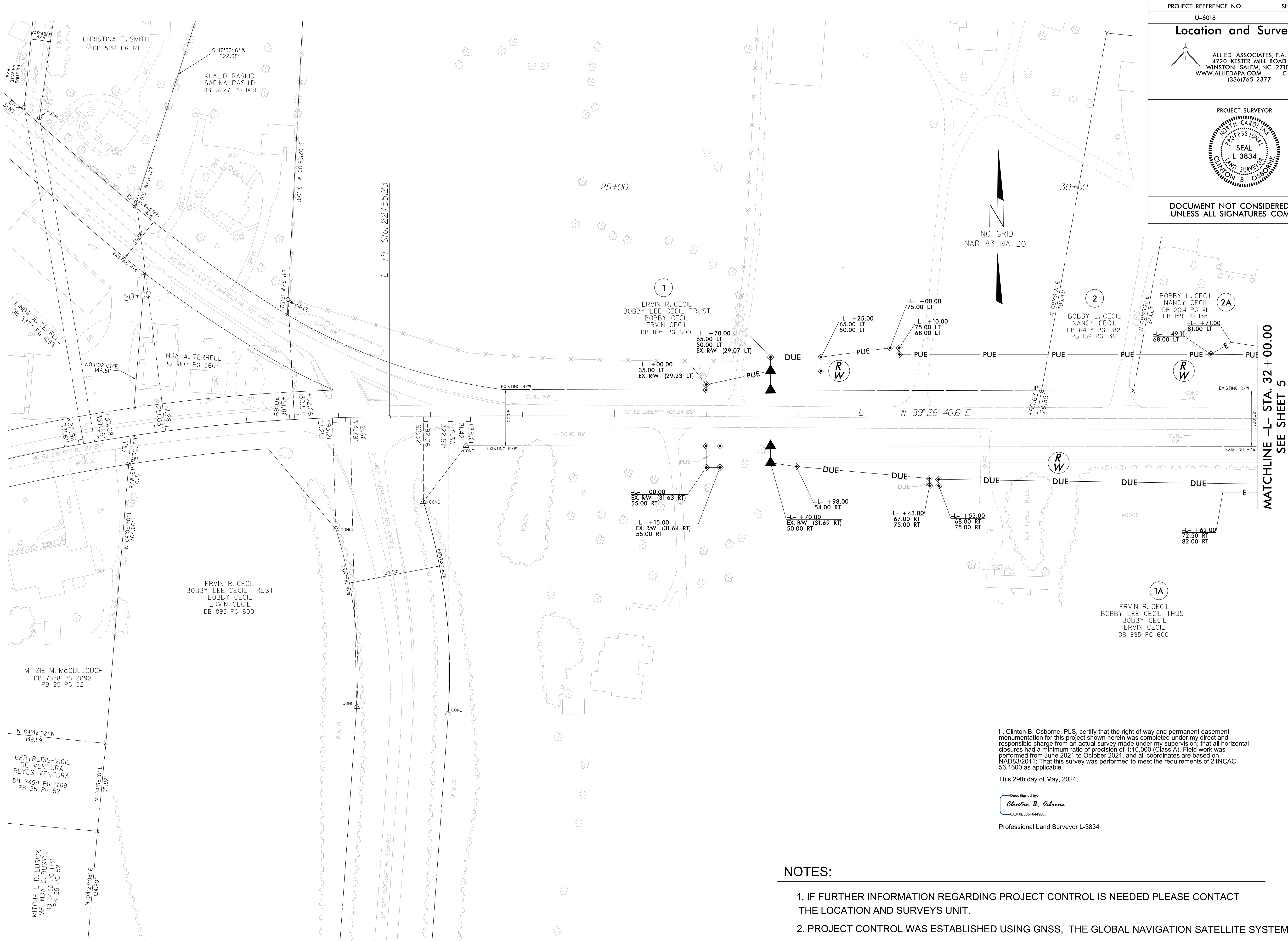
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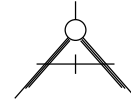

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Professional Land Surveyor L-3834

6/2/2024

28 MAY 2024 09:53
C:\Users\clb\OneDrive\Documents\6018_1s_rw04.dgn
clb



PROJECT REFERENCE NO.	SHEET NO.
U-6018	RW04
Location and Surveys	
 ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 WWW.ALLIEDAPA.COM C-2198 (336)765-2377	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Clinton B. Osborne, PLS, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from June 2021 to October 2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 29th day of May, 2024.

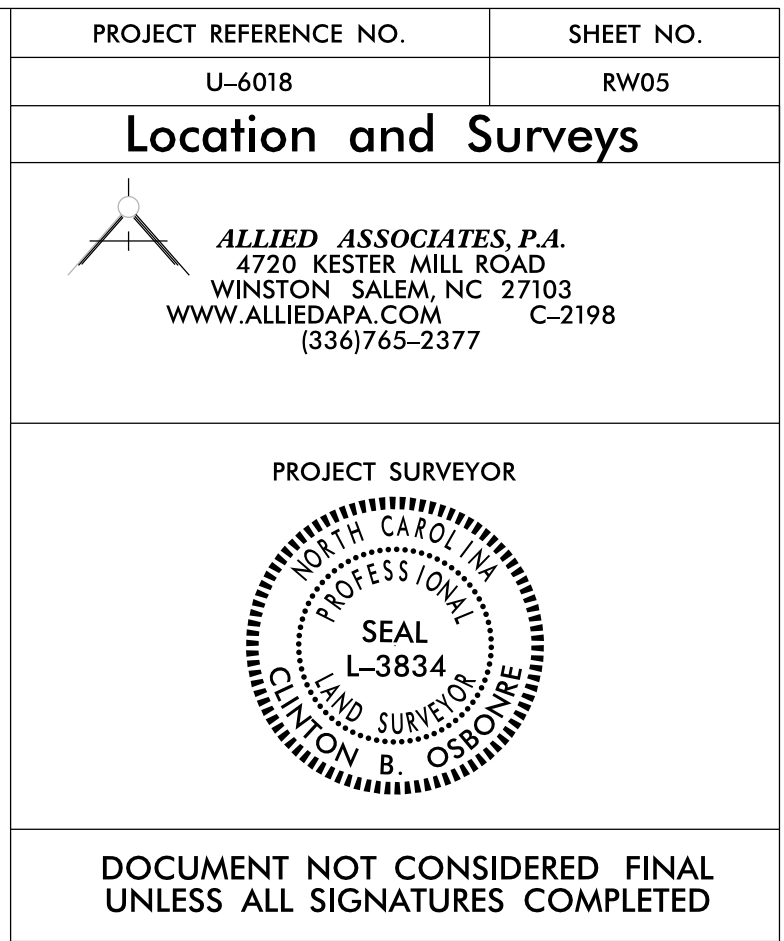
DocuSigned by:
Clinton B. Osborne
046F6B085F0449B...

Professional Land Surveyor L-3834

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED JUNE 2021 TO OCTOBER 2021.

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED JUNE 2021 TO AUGUST 2022.

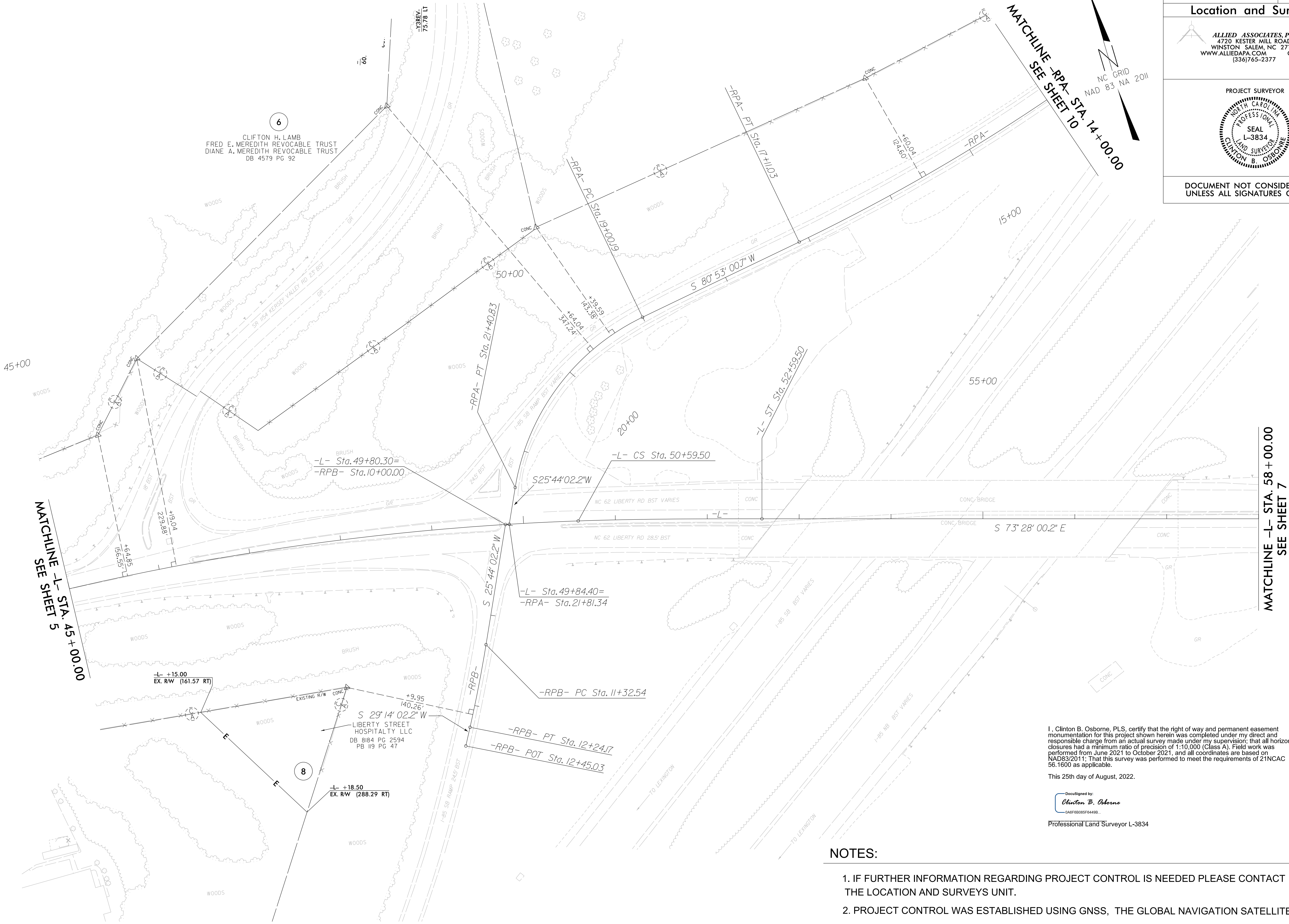


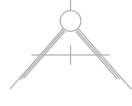
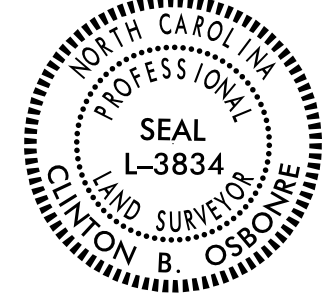
I, Clinton B. Osborne, PLS, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from June 2021 to August 2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 29th day of May, 2024.

DocuSigned by:
Clinton B. Osborne
0A6F6B085F6449B...

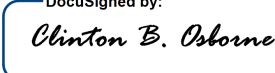
Professional Land Surveyor L-3834



PROJECT REFERENCE NO.	SHEET NO.
U-6018	RW06
Location and Surveys	
 ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 WWW.ALLIEDAPA.COM C-2198 (336)765-2377	
PROJECT SURVEYOR  CLINTON B. OSBORNE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Clinton B. Osborne, PLS, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from June 2021 to October 2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of August, 2022.

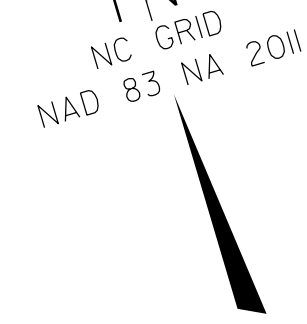
DocuSigned by:

0A6F8B085F6449B...
Professional Land Surveyor L-3834

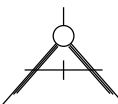
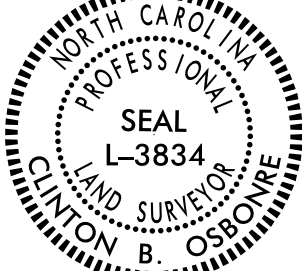
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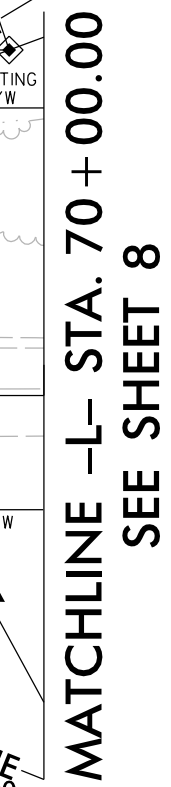
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED JUNE 2021 TO OCTOBER 2021 .

This 25th day of August, 2022.

Professional Land Surveyor L-3834



PROJECT REFERENCE NO.	SHEET NO.
U-6018	RW07
Location and Surveys	
 <i>ALLIED ASSOCIATES, P.A.</i> 4720 KESTER MILL WINSTON SALEM, NC 27103 WWW.ALLIEDAPA.COM C-2198 (336)765-2377	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

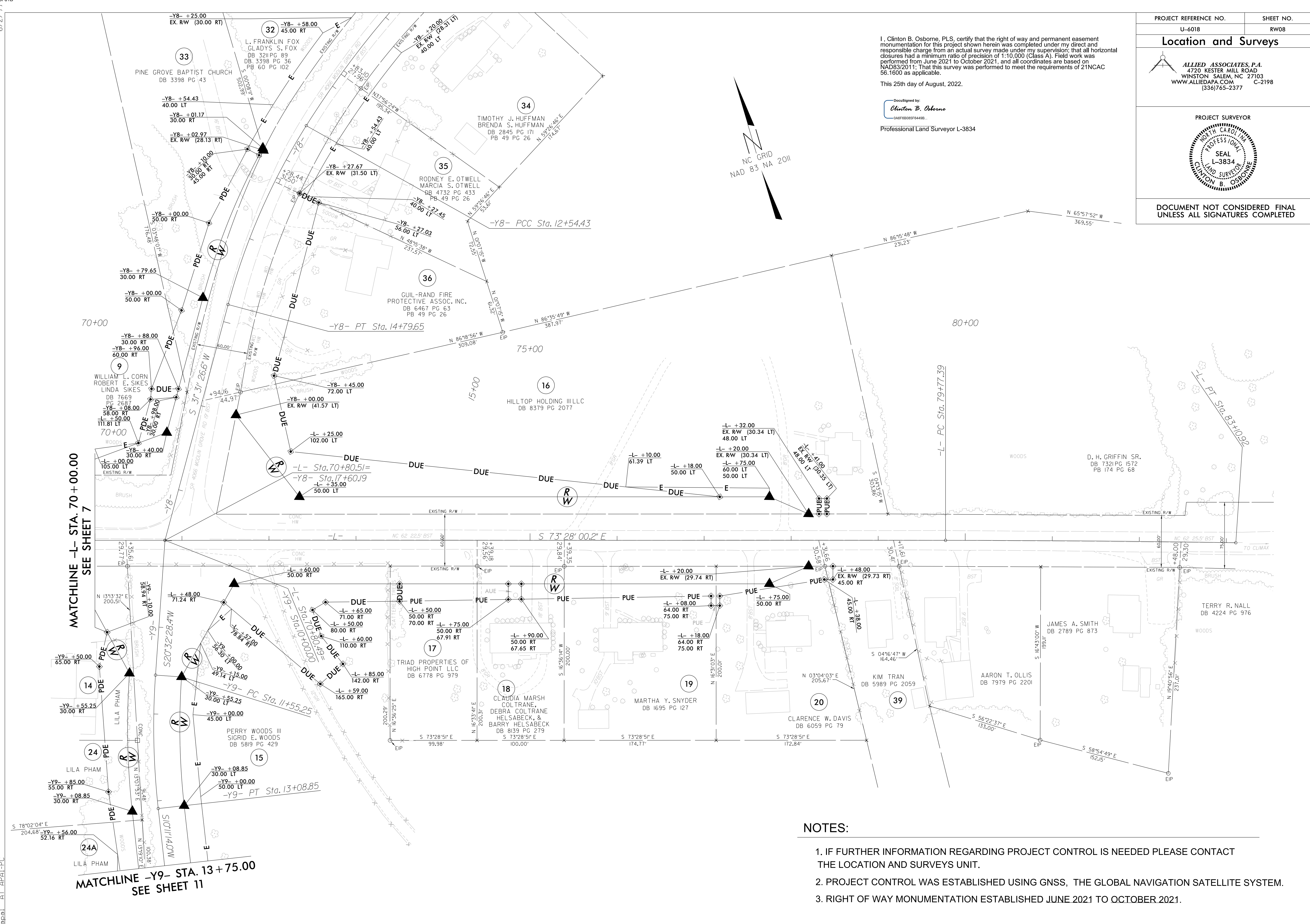


NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED JUNE 2021 TO OCTOBER 2021.

6/2/19

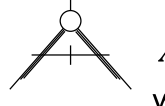
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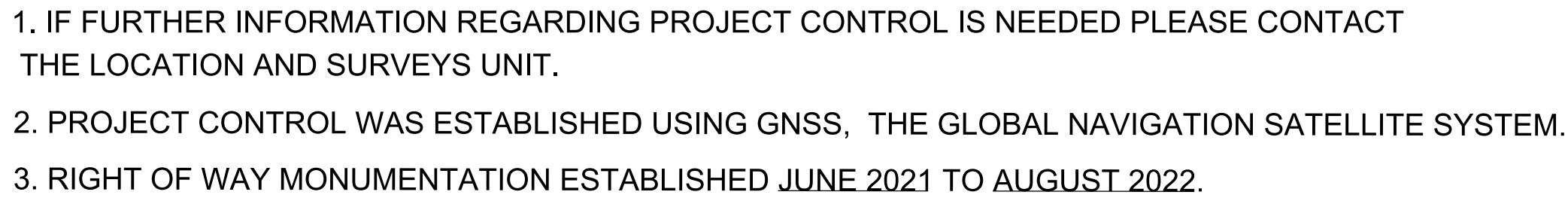
I, Clinton B. Osborne, PLS, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from June 2021 to October 2021, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of August, 2022.

DocuSigned by:
Clinton B. Osborne
0A6F8B085F6449B
Professional Land Surveyor L-3834

PROJECT REFERENCE NO.	SHEET NO.
U-6018	RW08
Location and Surveys	
 ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 WWW.ALLIEDAPA.COM C-2198 (336)765-2377	
PROJECT SURVEYOR	
	
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.
 - RIGHT OF WAY MONUMENTATION ESTABLISHED JUNE 2021 TO OCTOBER 2021.

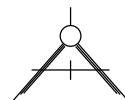


This 28th day of May, 2024.

DocuSigned by:
Clinton B. Osborne
0A6F6B085F6449B...

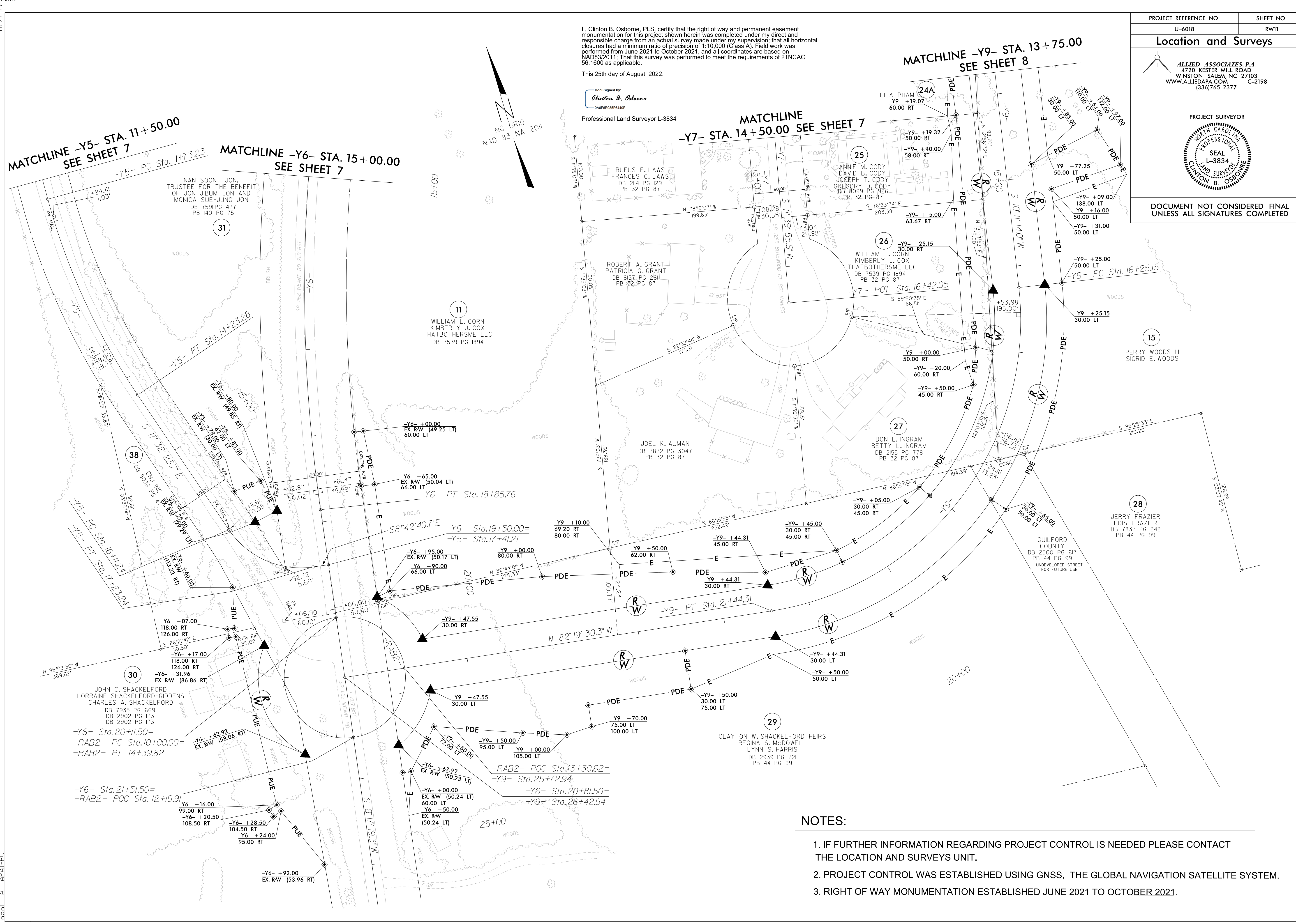
Professional Land Surveyor L-3834



PROJECT REFERENCE NO.	SHEET NO.
U-6018	RW09
Location and Surveys	
 ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 WWW.ALLIEDAPA.COM C-2198 (336)765-2377	
PROJECT SURVEYOR	
	
NO SIGNATURES COMPLETED	

6/2/2022

25-AUG-2022 16:25
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AT: ADAL-PC

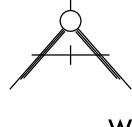
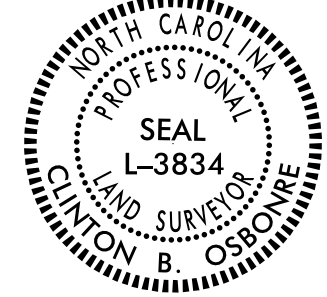


I, Clinton B. Osborne, PLS, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from June 2021 to October 2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of August, 2022.

Designed by:
Clinton B. Osborne
DAEF6B08F64486...

Professional Land Surveyor L-3834

PROJECT REFERENCE NO.	SHEET NO.
U-6018	RW11
Location and Surveys	
 ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 WWW.ALLIEDAPA.COM C-2198 (336)765-2377	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

- NOTES:**
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
 2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
 3. RIGHT OF WAY MONUMENTATION ESTABLISHED JUNE 2021 TO OCTOBER 2021.