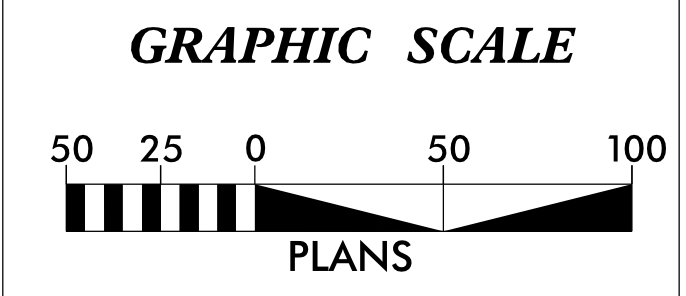
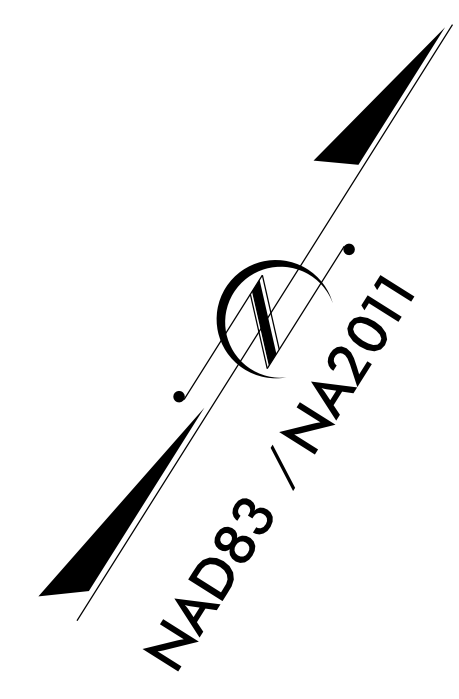
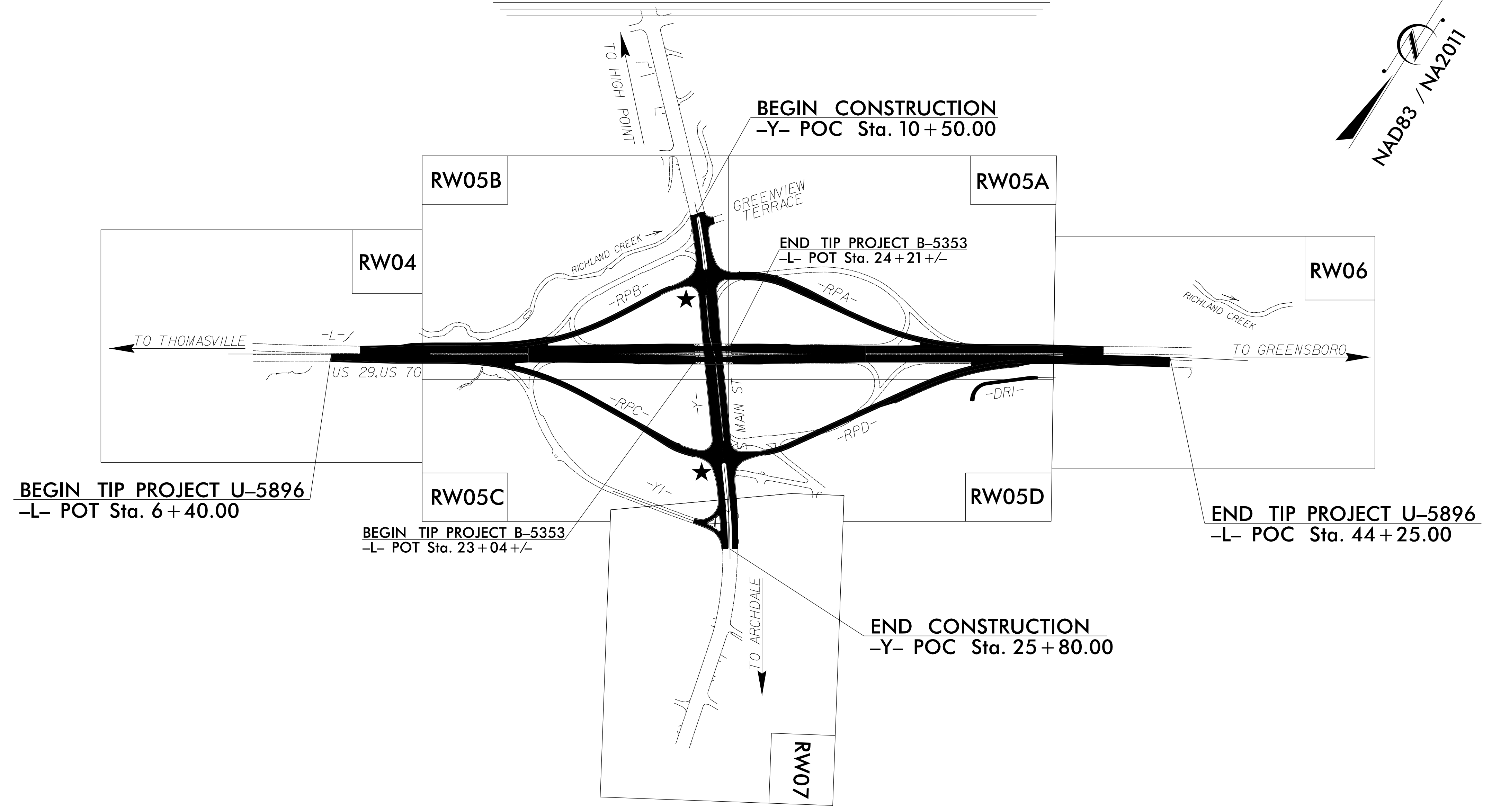


09/05/99

TIP PROJECT: U-5896

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5896	RW01	14

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

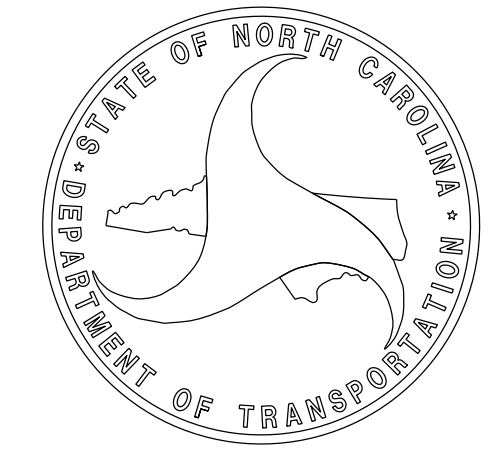


DATUM DESCRIPTION
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5353-1" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 797145.694(ft) EASTING: 1706000.122(ft) ELEVATION: 803.11(ft)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999103519
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5353-1" TO -L- STATION 22+28.64 IS S 32°12'33.6" E 644.61(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 760-8886
 WWW.ALLIEDAPA.COM C-2198

PROFESSIONAL LAND SURVEYOR

 DocuSigned by:
 Clinton Osborne
 SIGNATURE: _____ Date: 4/12/2021



2018 STANDARD SPECIFICATIONS
RIGHT OF WAY DATE: MAY 31, 2019
LETTING DATE: FEBRUARY 15, 2022

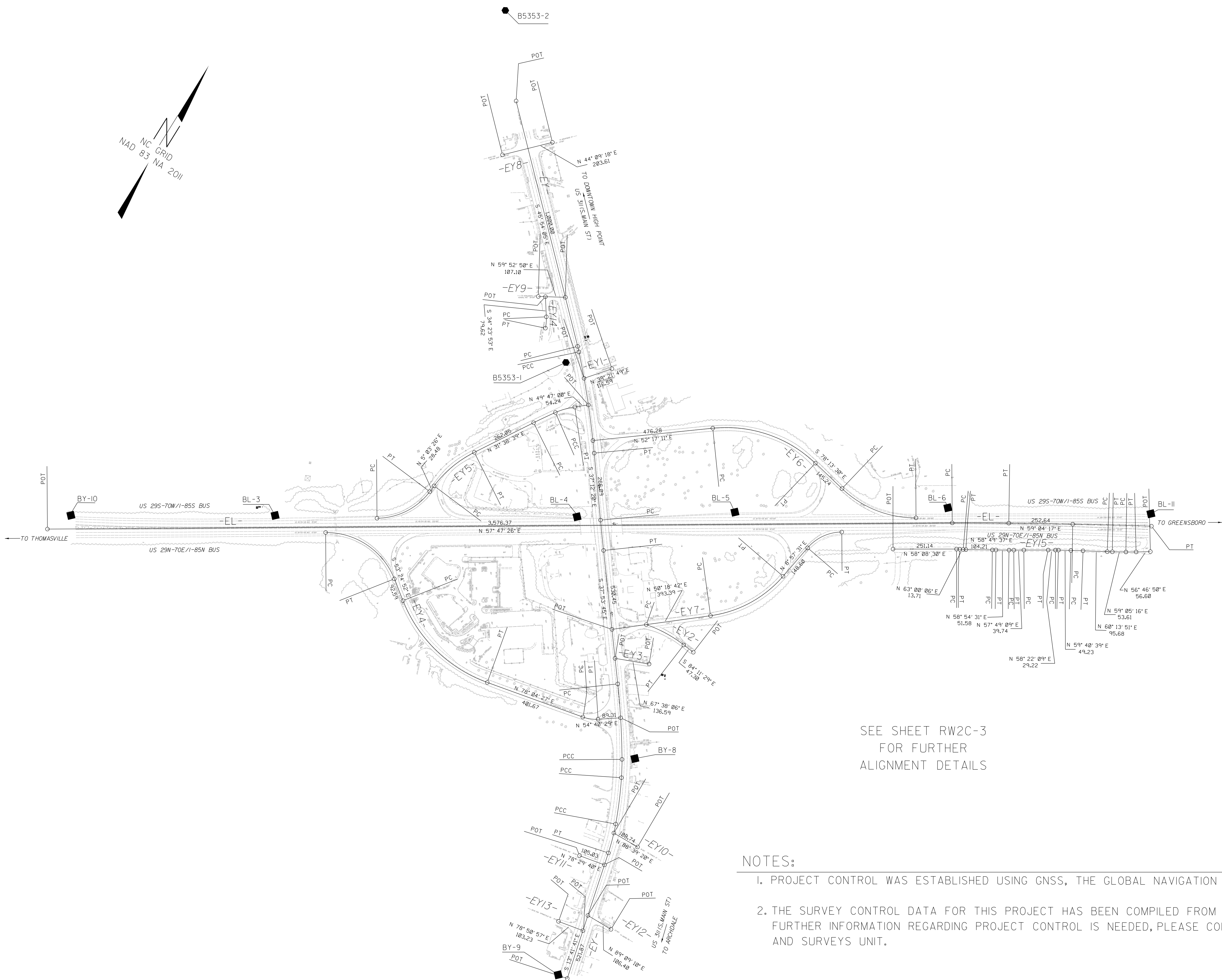
\$\$\$\$\$ SYSTEM \$\$\$\$\$\$
 \$\$\$\$ DON \$\$\$\$\$\$
 \$\$\$\$ USERNAME \$\$\$\$\$\$

PROJECT REFERENCE NO.	SHEET NO.
U-5896	RW02C-1
Location and Surveys	

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

6/2/19



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.

27-APR-2020 09:55:59 Urban\urban\5896\Checking\U5896_Is_rw02c-1.dgn
 Submitted by: [unreadable]
 Checked by: [unreadable]

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BL	POINT	DESC.	NORTH	EAST	ELEVATION
10		BY-10	795600.6257	1704655.9518	815.98
3		BL-3	796025.7875	1705341.9901	810.55
4		BL-4	796650.6294	1706358.8259	834.39
5		BL-5	796994.9286	1706879.5476	844.02
6		BL-6	797453.4632	1707585.5235	831.10
11		BL-11	797856.5646	1708279.8305	814.53

BY	POINT	DESC.	NORTH	EAST	ELEVATION
2		B5353-2	798201.7700	1705062.9600	840.87
1		B5353-1	797145.6940	1706000.1220	803.11
EQ4			796650.6294	1706358.8259	834.39
8		BY-8	795958.9203	1707056.9909	845.57
9		BY-9	795072.9132	1707249.9561	869.14

 BM1 ELEVATION = 806.10
 N 796015 E 1705265
 RR SPIKE IN 20" POPLAR

 BM2 ELEVATION = 806.10
 N 796015 E 1705265
 MAG NAIL IN HW

 BM3 ELEVATION = 835.99
 N 796297 E 1706975
 MAG NAIL IN CURB

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.

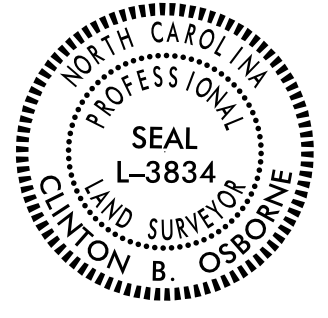
REVISIONS

6/2/99

27-APR-2020 09:33:56D:\urban\5896\Checking\U5896-1s-rw02c-2.dgn
 Submitted AT 10:59:11

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-5896	RW02D-1
Location and Surveys	
ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 PHONE (336)765-2377 WWW.ALLIEDAPA.COM C-2198	



DocuSigned by:
 Clinton Osborne
 DAF6B085F6440E
 4/12/2021

L

TYPE	STATION	NORTH	EAST
POT	1+74.81	795505.5654	1704605.9478
PC	37+51.18	797411.8180	1707631.9338
PT	39+74.71	797528.8399	1707822.3814
PC	42+27.35	797658.6901	1708039.0999
PT	47+78.12	797933.3171	1708516.4863

RPA

TYPE	STATION	NORTH	EAST
TS	10+00.00	797397.7432	1707558.2219
SC	12+24.00	797284.3448	1707365.1469
CS	15+10.69	797186.4416	1707096.4148
ST	17+34.69	797149.0691	1706875.6424
PC	20+29.79	797108.8891	1706583.2925
PT	22+18.75	797044.6953	1706407.0884
POT	24+05.40	796945.2050	1706249.1576

Y

TYPE	STATION	NORTH	EAST
PC	10+00.00	797208.2347	1706021.8912
PT	14+04.65	796900.1525	1706283.9180
PC	16+70.74	796688.2218	1706444.8143
PT	17+91.23	796592.6895	1706518.2531
PC	23+21.69	796174.0943	1706844.0726
PT	26+20.50	795929.5529	1707015.5727

RPB

TYPE	STATION	NORTH	EAST
TS	10+00.00	796103.4154	1705504.6556
SC	12+24.00	796228.5993	1705690.3062
CS	15+89.72	796491.9246	1705942.0529
ST	18+13.72	796683.0130	1706058.7679
PC	19+04.78	796762.1663	1706103.7950
PT	20+06.74	796844.2474	1706163.8962
POT	21+37.77	796940.4077	1706252.9125

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	795907.0343	1706402.7350
PC	14+01.67	795990.0391	1706795.7383
PT	14+62.93	796014.4189	1706851.4736
POT	15+52.24	796066.0581	1706924.3383

RPC

TYPE	STATION	NORTH	EAST
TS	10+00.00	795967.8157	1705389.5832
SC	12+24.00	796081.2141	1705582.6582
CS	16+13.10	796198.1749	1705951.9768
ST	18+37.10	796216.5938	1706175.1313
PC	21+54.12	796232.8316	1706491.7322
PT	23+80.96	796300.5775	1706705.6485
POT	24+12.66	796317.4744	1706732.4707

DR1

TYPE	STATION	NORTH	EAST
POT	10+00.00	797404.7307	1707822.8036
PC	10+85.60	797360.4205	1707749.5611
PT	11+22.74	797338.9096	1707719.3249
PC	13+12.09	797218.0022	1707573.6149
PT	14+16.08	797123.7728	1707555.9953
POT	14+26.41	797114.7464	1707561.0259


RPD

TYPE	STATION	NORTH	EAST
TS	10+00.00	797489.2687	1707809.7252
SC	12+24.00	797367.6768	1707621.7024
CS	15+33.76	797153.6759	1707398.9370
ST	17+57.76	796970.6823	1707269.9002
PC	23+06.69	796512.4497	1706967.6718
PT	24+95.64	796381.2368	1706833.6872
POT	26+15.27	796317.4744	1706732.4707

NOTES:

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

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. U-5896	SHEET NO. RW03E-1
Location and Surveys	
ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 PHONE (336)765-2377 WWW.ALLIEDAPA.COM C-2198	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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) (Base map Compilation, 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 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.

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 12th day of April, 2021.

Digitally signed by

 04E6B085F0449B

L-3834
 PLS

Seal

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
*** L	10+98.57	129.03	795888.7658	1705456.3254
L	13+90.00	100.00	796051.1655	1705767.9053

MARKER EXCEPTIONS:
 *** = EXISTING IRON PIPE

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y	10+50.00	-44.00	797201.6456	1706088.3944
Y	10+70.00	-109.35	797230.8626	1706150.3096
Y	11+15.10	-70.00	797170.1960	1706152.1027
Y	11+37.00	-44.00	797136.3066	1706147.4116
*** Y	12+75.31	-69.97	797046.0171	1706258.0976
Y	22+12.30	-85.00	796312.6246	1706843.9594
Y	22+74.69	-85.00	796263.3913	1706882.2809
* Y	23+80.00	-38.47	796150.7674	1706910.2525
* Y	23+80.00	-85.00	796178.6282	1706947.5189
*** Y	24+10.17	-38.88	796126.4458	1706928.7585

MARKER EXCEPTIONS:
 * = MAG NAIL SET
 *** = EXISTING IRON PIPE (BENT)

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPB	12+85.48	-90.00	796335.7492	1705679.6205
** RPB	14+03.68	-90.00	796410.7250	1705759.1434

MARKER EXCEPTIONS:
 ** = POINT NOT SET (FELL IN TREE)

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPC	13+95.99	100.00	796052.9349	1705773.1050
RPC	15+64.96	100.00	796091.9870	1705922.8584

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPD	14+41.92	-75.64	797171.3063	1707514.3083
RPD	15+70.00	-90.00	797070.7267	1707448.3808
RPD	17+75.21	-100.00	796901.0549	1707343.7692
RPD	19+89.97	-100.00	796721.7802	1707225.5281

MARKER EXCEPTIONS:
 * = MAG NAIL SET

CONTROL ACCESS MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	37+85.00	95.00	797349.2481	1707710.9484
L	39+74.71	95.00	797447.3481	1707871.2085
L	44+25.00	95.00	797677.0854	1708257.0742

CONTROL ACCESS MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y	11+37.00	88.00	797049.0010	1706048.4070
Y	23+45.00	63.97	796116.7437	1706807.5376

CONTROL ACCESS MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPD	14+10.00	-70.00	797196.8210	1707531.0326


R/W 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 AUGUST 2019 TO MARCH 2021.

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-5896	RW03E-2
Location and Surveys	
ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 PHONE (336)765-2377 WWW.ALLIEDAPA.COM C-2198	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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) (Base map Compilation, 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 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.

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 12th day of April, 2021.

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	12+90.00	-130.54	796210.4262	1705479.9399
L	13+10.00	-170.34	796254.7616	1705475.6469
L	13+19.52	-130.49	796226.1192	1705504.9440
L	13+44.70	-173.82	796276.2055	1705503.1554
L	37+90.00	130.00	797322.1867	1707733.6886
L	44+65.00	-132.01	797893.5385	1708177.7806
L	44+65.00	-145.00	797904.7784	1708171.2781
L	46+15.00	-145.00	797979.9588	1708302.6949
L	46+65.00	-130.95	797992.4825	1708353.5411
** L	47+10.00	-237.40	798107.6123	1708341.3019
** L	47+45.00	-220.49	798110.1004	1708380.5581

MARKER EXCEPTIONS:

** = POINT NOT SET (FELL IN CREEK)

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y	10+15.00	-50.00	797231.6481	1706068.5805
Y	10+15.00	-44.00	797227.5315	1706064.2155
Y	10+51.87	-50.00	797204.3304	1706094.0838
** Y	10+55.00	44.00	797138.2574	1706027.1497
** Y	11+15.00	110.00	797050.4114	1706017.7463
Y	11+31.91	-50.00	797144.1427	1706148.4963
Y	12+50.00	-70.00	797065.9589	1706241.7350
Y	12+76.17	-100.00	797064.3298	1706281.9129
Y	24+15.00	-85.00	796149.6768	1706968.9011
*** Y	25+58.23	-42.87	796005.4838	1707017.6550

MARKER EXCEPTIONS:

** = POINT NOT SET (FELL IN CREEK)

*** = EXISTING IRON PIPE

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPB	17+00.00	-189.76	796682.3968	1705839.1111
** RPB	17+10.00	-211.89	796701.6429	1705824.8420
** RPB	17+18.65	-209.53	796707.2983	1705830.9446
** RPB	17+91.97	-217.89	796772.0208	1705858.7146
** RPB	18+10.00	-221.42	796789.2673	1705864.4782
RPB	18+10.00	-186.92	796772.2105	1705894.4604

MARKER EXCEPTIONS:

** = POINT NOT SET (FELL IN CREEK)

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPD	14+35.41	-158.96	797118.4458	1707578.9818
RPD	14+80.00	-105.00	797125.5037	1707512.3757
RPD	15+34.98	-87.34	797098.1241	1707466.3392
RPD	15+35.00	-111.31	797083.1190	1707485.0420
** RPD	17+70.00	-120.00	796894.3963	1707363.3359
* RPD	18+42.68	-121.43	796832.9382	1707324.5082

MARKER EXCEPTIONS:

* = MAG NAIL SET

** = SCRIBED "V" IN METAL COVER

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
DR1	12+10.00	10.47	797275.1356	1707658.8601
DR1	12+15.00	35.00	797253.0632	1707670.6782
DR1	13+50.00	27.31	797177.6483	1707577.0875

DocuSigned by:
Clinton Osborne
046F8055F4468

Professional Land Surveyor

L-3834
PLS

Seal

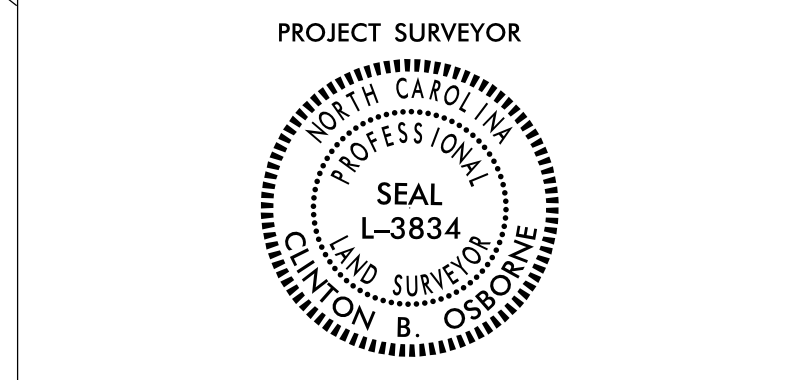
PERMANENT EASEMENT MARKER NOTES:

- UNLESS OTHERWISE NOTED, ALL PERMANENT EASEMENT MARKERS HAVE BEEN SET AS REBAR WITH ALUMINUM CAP
- ANY MARKER EXCEPTIONS ARE LISTED BELOW THEIR RESPECTIVE TABLE

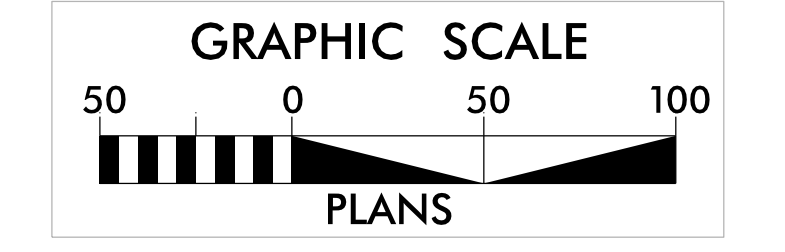
NOTES:

- 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 AUGUST 2019 TO MARCH 2021.

PROJECT REFERENCE NO.	SHEET NO.
U-5896	RW04
Location and Surveys	
ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 PHONE (336)765-2377 WWW.ALLIEDAPA.COM C-2198	

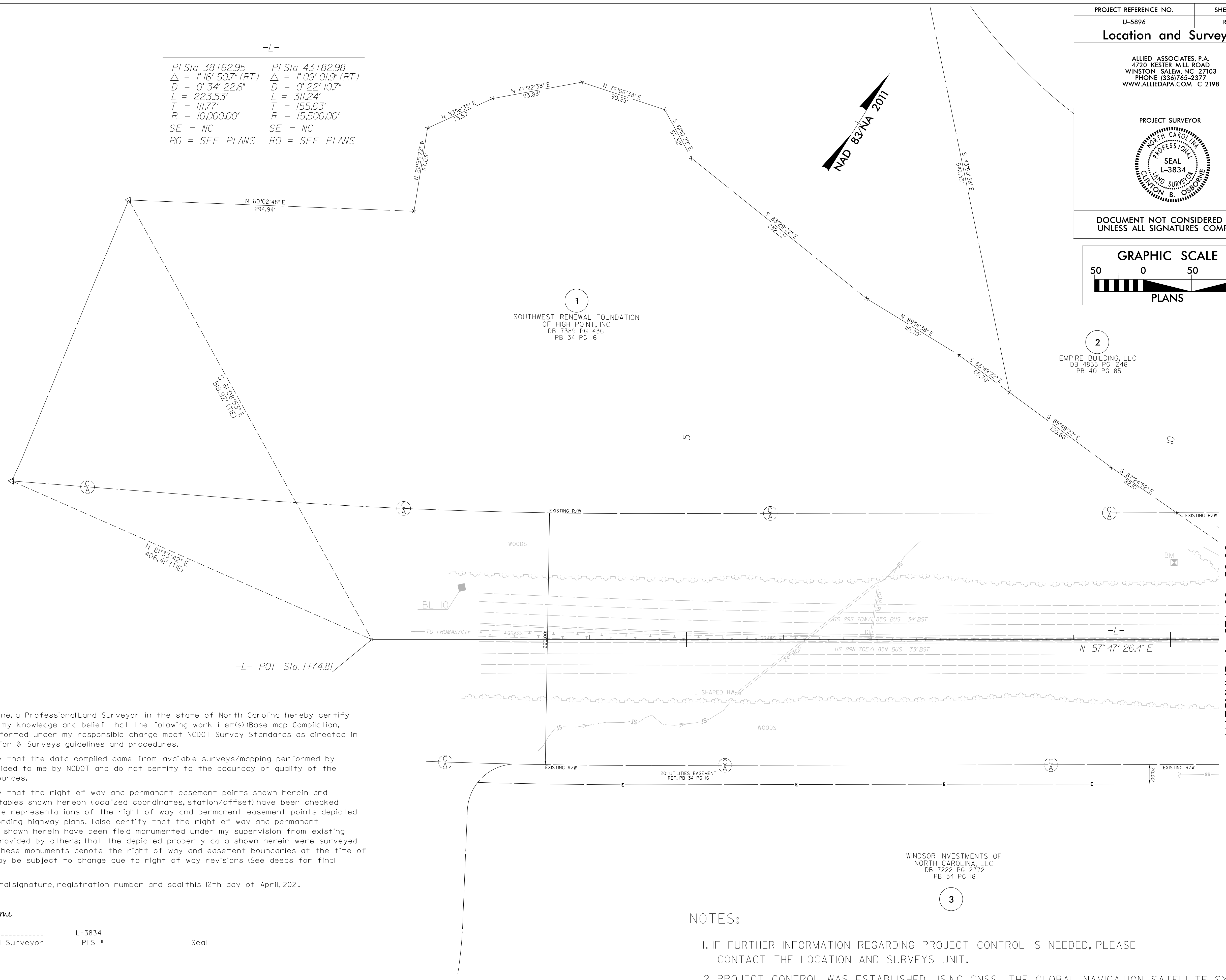


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



-L-

PI Sta 38+62.95	PI Sta 43+82.98
$\Delta = 1' 16'' 50.7''$ (RT)	$\Delta = 1' 09'' 01.9''$ (RT)
$D = 0' 34'' 22.6''$	$D = 0' 22'' 10.7''$
$L = 223.53'$	$L = 311.24'$
$T = 111.77'$	$T = 155.63'$
$R = 10,000.00'$	$R = 15,500.00'$
SE = NC	SE = NC
RO = SEE PLANS	RO = SEE PLANS



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) (Base map Compilation, 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 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.

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 12th day of April, 2021.

DocuSigned by:
Clinton Osborne
0A4F6B285F6449B

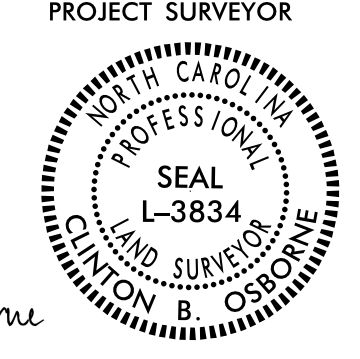
L-3834
Professional Land Surveyor PLS # Seal

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 FROM AUGUST 2019 TO APRIL 2021.

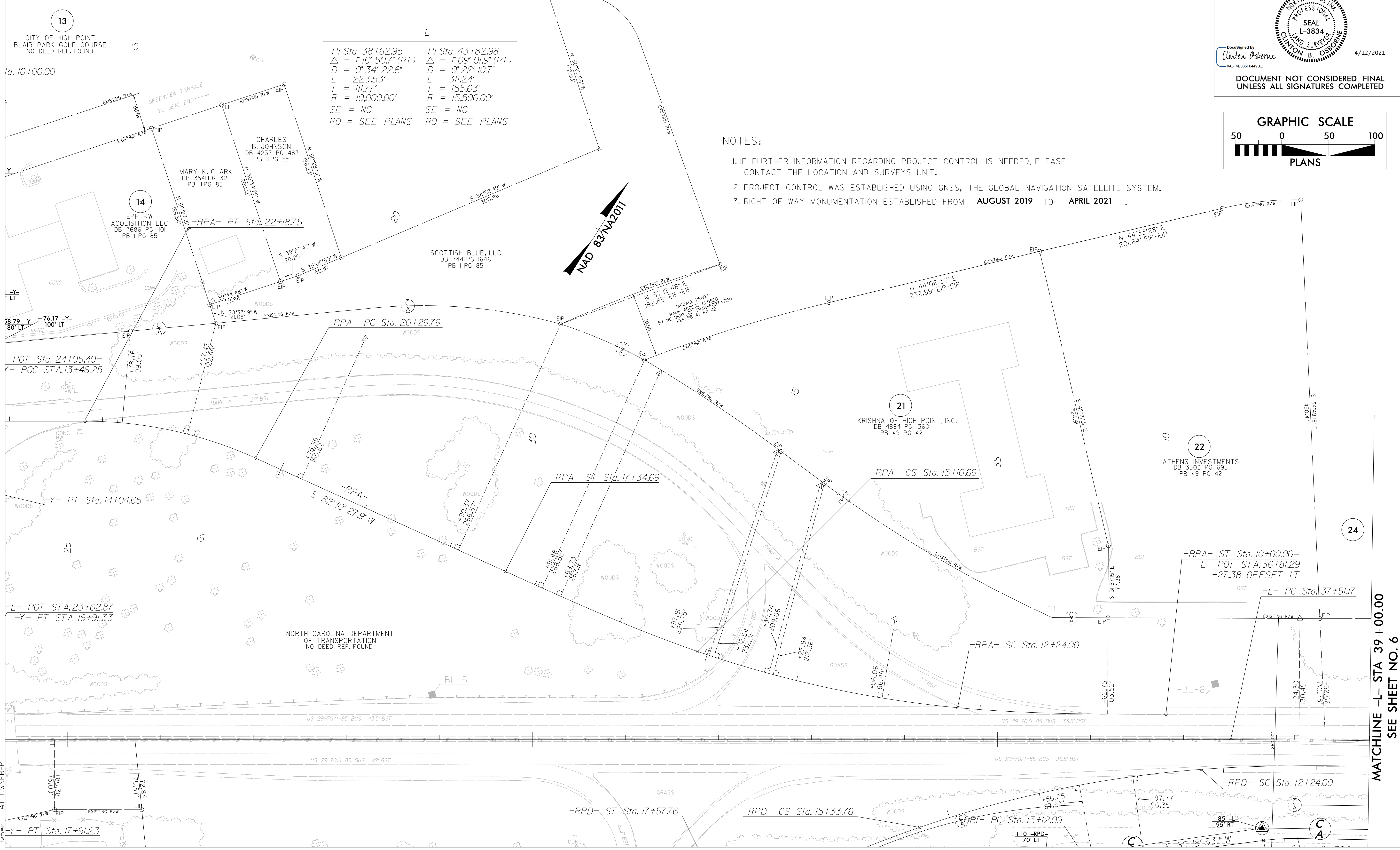
MATCHLINE -L- STA 10+50.00
SEE SHEET NO. 5

6/2/19

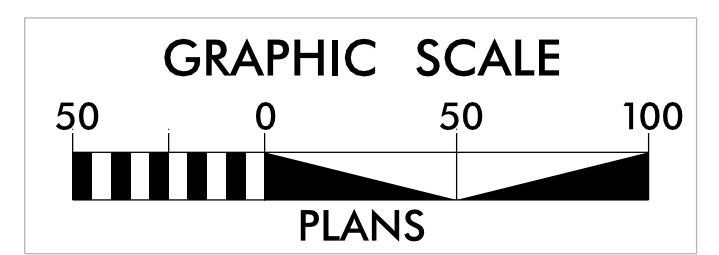
PROJECT REFERENCE NO. U-5896	SHEET NO. RW05A
Location and Surveys	
ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 PHONE (336)765-2377 WWW.ALLIEDAPA.COM C-2198	
PROJECT SURVEYOR  SEAL L-3834 CLINTON B. OSBORNE 4/12/2021	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

Pls Sta 11+49.40 $\Delta s = 5^{\circ} 20' 51.4"$ $Ls = 224.00'$ $LT = 149.40'$ $ST = 74.73'$	Pls Sta 13+68.03 $\Delta = 13^{\circ} 41' 18.7" (RT)$ $D = 4^{\circ} 46' 28.7"$ $L = 286.69'$ $T = 144.03'$ $R = 1,200.00'$ $SE = 08$ $RO = 22.4'$	Pls Sta 15+85.42 $\Delta s = 5^{\circ} 20' 51.4"$ $Ls = 224.00'$ $LT = 149.40'$ $ST = 74.73'$	Pls Sta 21+25.72 $\Delta = 24^{\circ} 23' 01.4" (LT)$ $D = 12^{\circ} 54' 16.0"$ $L = 188.96'$ $T = 95.93'$ $R = 444.00'$ $SE = 08$ $RO = SEE PLANS$	Pls Sta 12+02.53 $\Delta = 6^{\circ} 21' 07.05" (RT)$ $D = 1^{\circ} 34' 11.09"$ $L = 40.65'$ $T = 202.53'$ $R = 3,650.00'$ $SE = RC$ $RO = 7.4'$	Pls Sta 17+30.99 $\Delta = 0^{\circ} 41' 25.5" (LT)$ $D = 0^{\circ} 34' 22.6"$ $L = 120.50'$ $T = 60.25'$ $R = 10,000.00'$ $SE = NC$ $RO = SEE PLANS$	Pls Sta 24+71.21 $\Delta = 5^{\circ} 42' 24.6" (RT)$ $D = 1^{\circ} 54' 35.5"$ $L = 298.81'$ $T = 149.53'$ $R = 3,000.00'$ $SE = NC$ $RO = SEE PLANS$
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Pls Sta 38+62.95 $\Delta = 1^{\circ} 16' 50.7" (RT)$ $D = 0^{\circ} 34' 22.6"$ $L = 223.53'$ $T = 111.77'$ $R = 10,000.00'$ $SE = NC$ $RO = SEE PLANS$	Pls Sta 43+82.98 $\Delta = 1^{\circ} 09' 01.9" (RT)$ $D = 0^{\circ} 22' 10.7"$ $L = 311.24'$ $T = 155.63'$ $R = 15,500.00'$ $SE = NC$ $RO = SEE PLANS$
---	---



- 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 FROM AUGUST 2019 TO APRIL 2021.

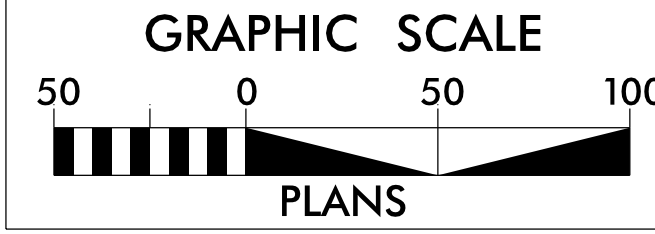


I:\APP-2021\1514210122\05896\1.s_rw05.dgn
 Date: 6/2/19 10:51:31 AM
 User: CLINTON.B.OSBORNE

MATCHLINE -L- STA 39+00.00
 SEE SHEET NO. 6

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 FROM AUGUST 2019 TO APRIL 2021.



-L-

PI Sta 38+62.95 Δ = 1° 16' 50.7" (RT) D = 0' 34' 22.6" L = 223.53' T = 111.77' R = 10,000.00' SE = NC RO = SEE PLANS	PI Sta 43+82.98 Δ = 1° 09' 01.9" (RT) D = 0' 22' 10.7" L = 311.24' T = 155.63' R = 15,500.00' SE = NC RO = SEE PLANS
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-Y-

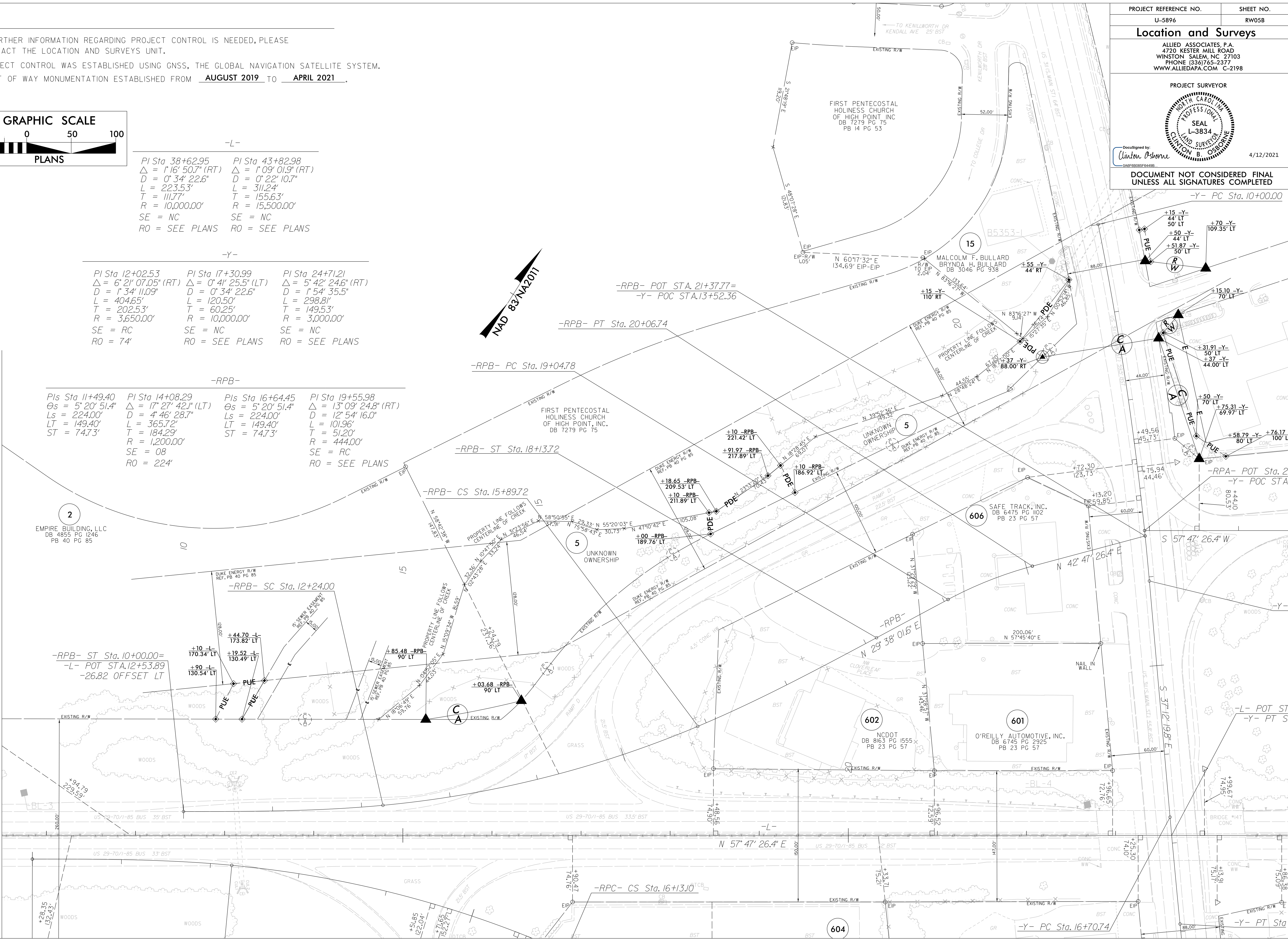
PI Sta 12+02.53 Δ = 6° 21' 07.05" (RT) D = 1' 34' 11.09" L = 404.65' T = 202.53' R = 3,650.00' SE = RC RO = 74'	PI Sta 17+30.99 Δ = 0° 41' 25.5" (LT) D = 0' 34' 22.6" L = 120.50' T = 60.25' R = 10,000.00' SE = NC RO = SEE PLANS	PI Sta 24+71.21 Δ = 5° 42' 24.6" (RT) D = 1' 54' 35.5" L = 298.81' T = 149.53' R = 3,000.00' SE = NC RO = SEE PLANS
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-RPB-

PIs Sta 11+49.40 Θs = 5° 20' 51.4" Ls = 224.00' LT = 149.40' ST = 74.73'	PI Sta 14+08.29 Δ = 17° 27' 42.1" (LT) D = 4' 46' 28.7" L = 365.72' T = 184.29' R = 1,200.00' SE = 08 RO = 224'	PIs Sta 16+64.45 Θs = 5° 20' 51.4" Ls = 224.00' LT = 149.40' ST = 74.73'	PI Sta 19+55.98 Δ = 13° 09' 24.8" (RT) D = 12' 54' 16.0" L = 101.96' T = 51.20' R = 444.00' SE = RC RO = SEE PLANS
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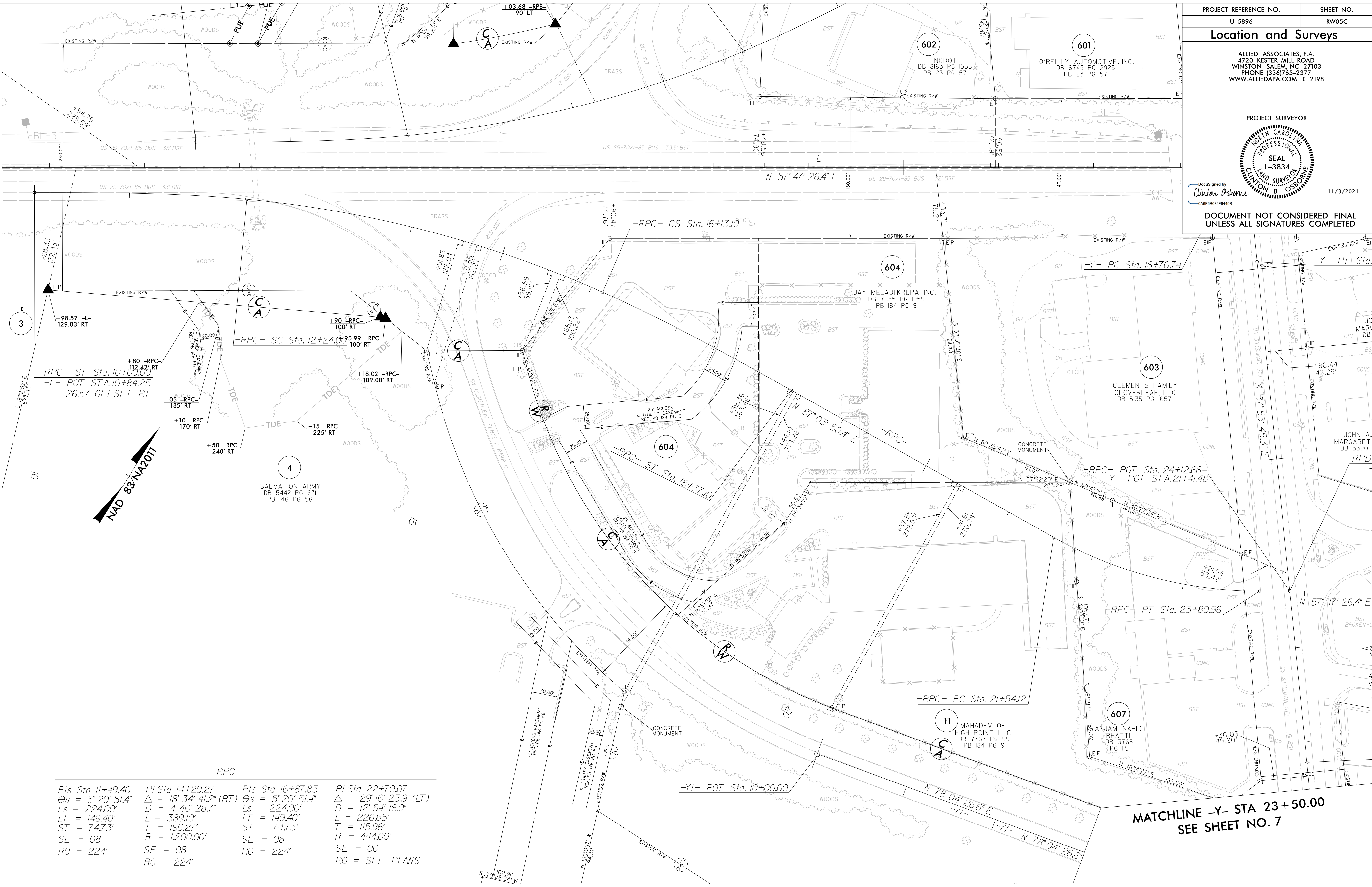
MATCHLINE -L- STA 10+50.00
SEE SHEET NO. 4


PROJECT REFERENCE NO. U-5896	SHEET NO. RW05B
Location and Surveys	
ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 PHONE (336)765-2377 WWW.ALLIEDAPA.COM C-2198	
PROJECT SURVEYOR	
DocuSigned by: Clinton Osborne #A4EF8006F54498	4/12/2021
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



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Owner: AT OWNERSHIP

MATCHLINE -L- STA 10+50.00
SEE SHEET NO. 4



PROJECT REFERENCE NO. U-5896	SHEET NO. RW05C
Location and Surveys	
ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 PHONE (336)765-2377 WWW.ALLIEDAPA.COM C-2198	
PROJECT SURVEYOR  CLINTON B. OSBORNE	
11/3/2021	

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

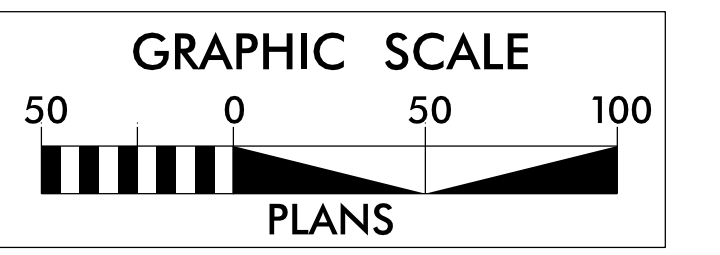
-RPC-			
PIs Sta 11+49.40 θs = 5° 20' 51.4"	PIs Sta 14+20.27 Δ = 18° 34' 41.2" (RT) Ls = 224.00' LT = 149.40' ST = 74.73' SE = 08 RO = 224'	PIs Sta 16+87.83 θs = 5° 20' 51.4"	PIs Sta 22+70.07 Δ = 29° 16' 23.9" (LT) D = 12° 54' 16.0" L = 226.85' T = 115.96' R = 444.00' SE = 06 RO = SEE PLANS

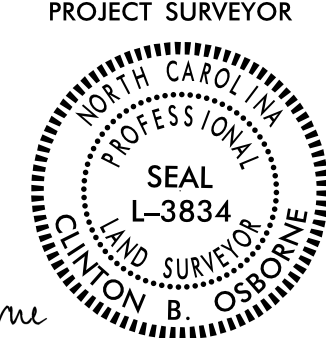
NOTES:

- 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 FROM AUGUST 2019 TO APRIL 2021.

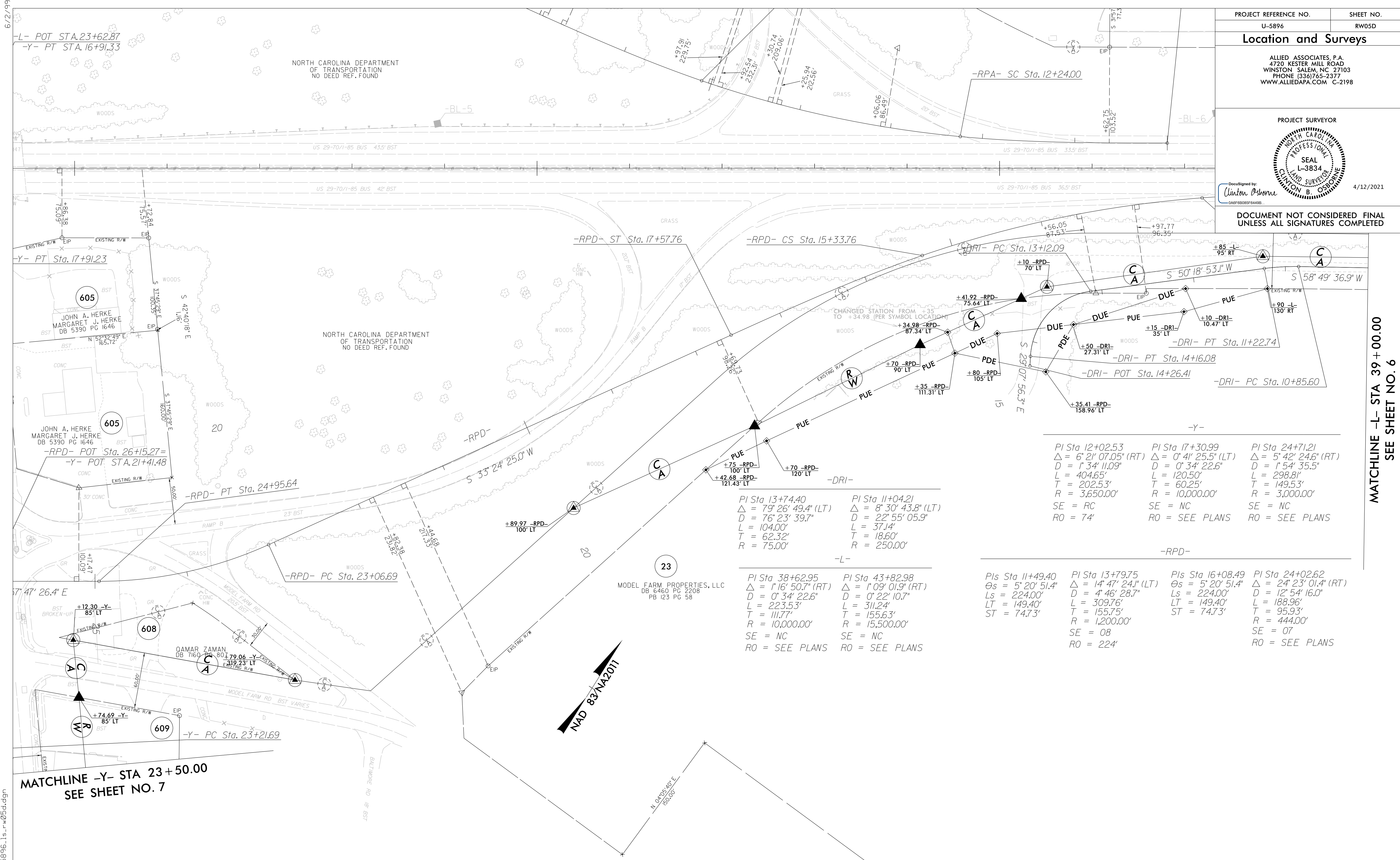
PI Sta 38+62.95 Δ = 1° 16' 50.7" (RT) D = 0° 34' 22.6" L = 223.53' T = 111.77' R = 10,000.00' SE = NC RO = SEE PLANS	PI Sta 43+82.98 Δ = 1° 09' 01.9" (RT) D = 0° 22' 10.7" L = 311.24' T = 155.63' R = 15,500.00' SE = NC RO = SEE PLANS	PI Sta 12+02.53 Δ = 6° 21' 07.05" (RT) D = 1° 34' 11.09" L = 404.65' T = 202.53' R = 3,650.00' SE = RC RO = 74'	PI Sta 17+30.99 Δ = 0° 41' 25.5" (LT) D = 0° 34' 22.6" L = 120.50' T = 60.25' R = 10,000.00' SE = NC RO = SEE PLANS	PI Sta 24+71.21 Δ = 5° 42' 24.6" (RT) D = 1° 54' 35.5" L = 298.81' T = 149.53' R = 3,000.00' SE = NC RO = SEE PLANS
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MATCHLINE -Y- STA 23+50.00
SEE SHEET NO. 7



PROJECT REFERENCE NO. U-5896	SHEET NO. RW05D
Location and Surveys	
ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 PHONE (336)765-2377 WWW.ALLIEDAPA.COM C-2198	
PROJECT SURVEYOR  CLINTON B. OSBORNE	
DocuSigned by: <i>Clinton Osborne</i> SAFE0805F6449D	4/12/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PI Sta 13+74.40 Δ = 79° 26' 49.4" (LT) D = 76' 23' 39.7" L = 104.00' T = 62.32' R = 75.00'	PI Sta 11+04.21 Δ = 8° 30' 43.8" (LT) D = 22' 55' 05.9" L = 37.14' T = 18.60' R = 250.00'
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-Y-	-Y-	-Y-
PI Sta 12+02.53 Δ = 6° 21' 07.05" (RT) D = 1° 34' 11.09" L = 404.65' T = 202.53' R = 3,650.00' SE = RC RO = 74'	PI Sta 17+30.99 Δ = 0° 41' 25.5" (LT) D = 0° 34' 22.6" L = 120.50' T = 60.25' R = 10,000.00' SE = NC RO = SEE PLANS	PI Sta 24+71.21 Δ = 5° 42' 24.6" (RT) D = 1° 54' 35.5" L = 298.81' T = 149.53' R = 3,000.00' SE = NC RO = SEE PLANS

-L-	-L-
PI Sta 38+62.95 Δ = 1° 16' 50.7" (RT) D = 0° 34' 22.6" L = 223.53' T = 111.77' R = 10,000.00' SE = NC RO = SEE PLANS	PI Sta 43+82.98 Δ = 1° 09' 01.9" (RT) D = 0° 22' 10.7" L = 311.24' T = 155.63' R = 15,500.00' SE = NC RO = SEE PLANS

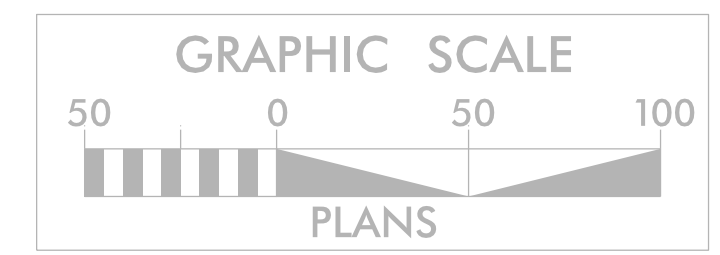
-RPD-	-RPD-	-RPD-	-RPD-
PIs Sta 11+49.40 θs = 5° 20' 51.4" Ls = 224.00' LT = 149.40' ST = 74.73'	PI Sta 13+79.75 Δ = 14° 47' 24.1" (LT) D = 4° 46' 28.7" L = 309.76' T = 155.75' R = 1,200.00' SE = 08 RO = 224'	PIs Sta 16+08.49 θs = 5° 20' 51.4" Ls = 224.00' LT = 149.40' ST = 74.73'	PI Sta 24+02.62 Δ = 24° 23' 01.4" (RT) D = 12° 54' 16.0" L = 188.96' T = 95.93' R = 444.00' SE = 07 RO = SEE PLANS

MATCHLINE -Y- STA 23+50.00 SEE SHEET NO. 7

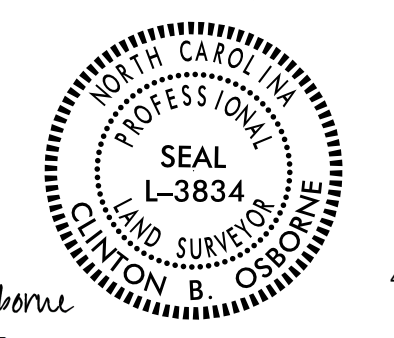
MATCHLINE -L- STA 39+00.00 SEE SHEET NO. 6

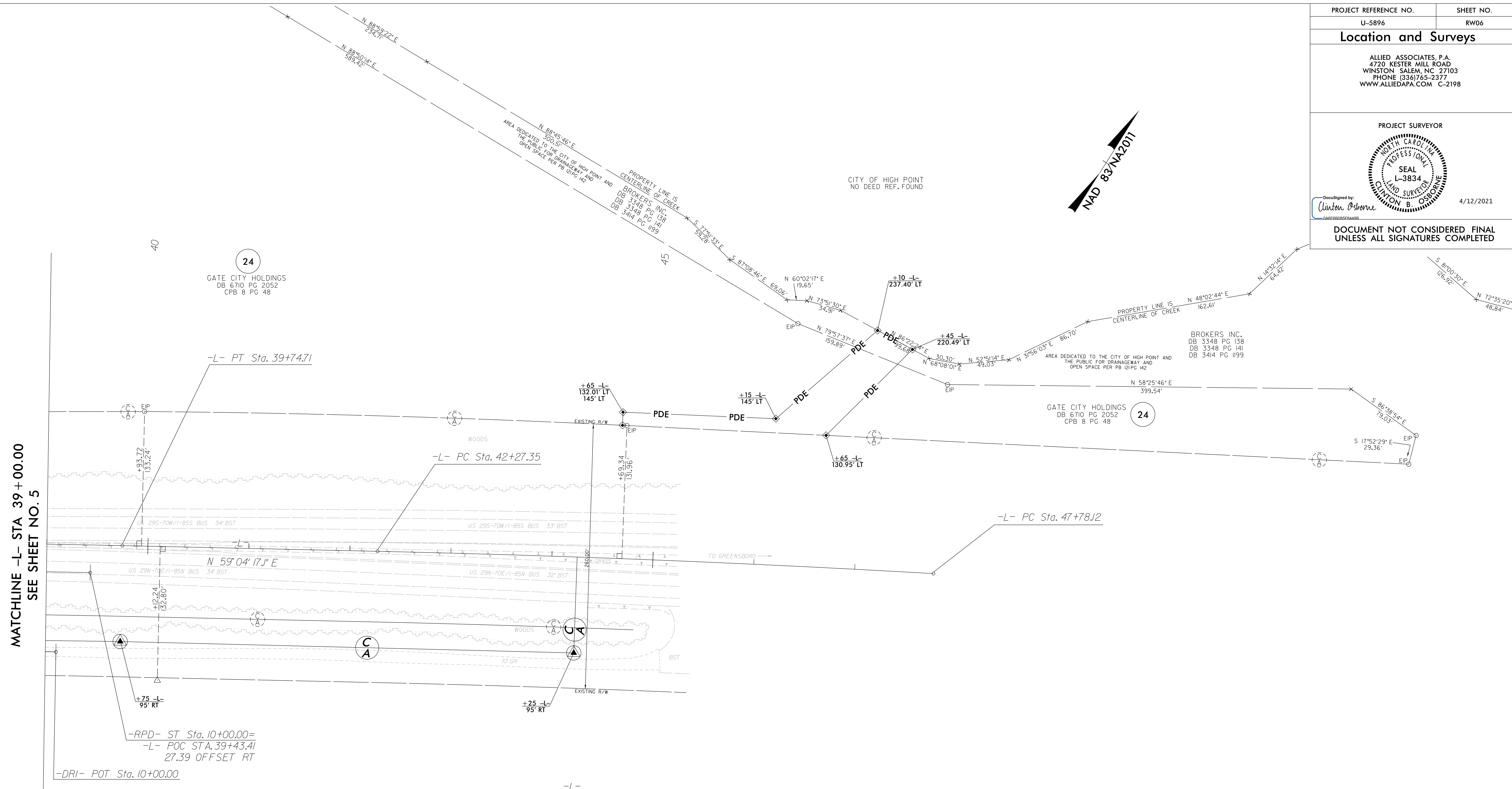
NOTES:

- 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 FROM AUGUST 2019 TO APRIL 2021.



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PROJECT REFERENCE NO. U-5896	SHEET NO. RW06
Location and Surveys	
ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 PHONE (336)765-2377 WWW.ALLIEDAPA.COM C-2198	
PROJECT SURVEYOR  CLINTON B. OSBORNE 4/12/2021	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



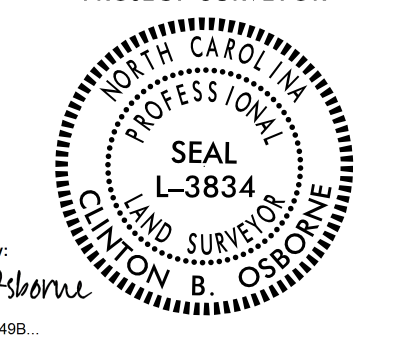
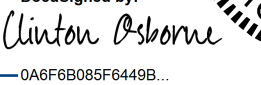
MATCHLINE -L- STA 39 + 00.00
SEE SHEET NO. 5

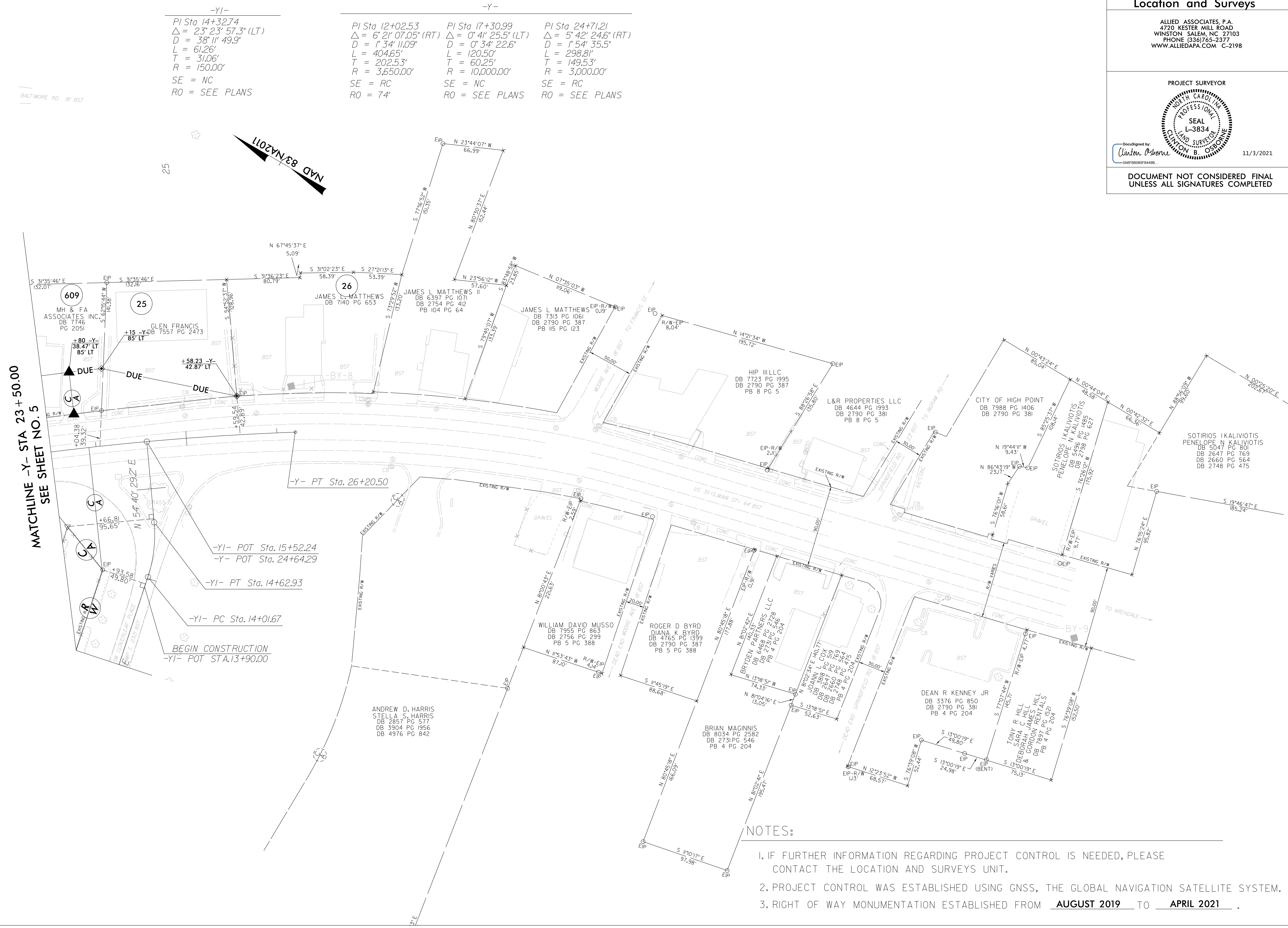
I:\APR-2021\1515\1515-210122\DWG\U5896-1s-rw06.dgn
Owner: AT OWNER-PC

23 MODEL FARM PROPERTIES, LLC DB 6460 PG 2208 PB 123 PG 58	-L- <table border="0"> <tr> <td>PI Sta 38+62.95</td> <td>PI Sta 43+82.98</td> </tr> <tr> <td>$\Delta = 1' 16'' 50.7'' (RT)$</td> <td>$\Delta = 1' 09'' 01.9'' (RT)$</td> </tr> <tr> <td>$D = 0' 34'' 22.6''$</td> <td>$D = 0' 22'' 10.7''$</td> </tr> <tr> <td>$L = 223.53'$</td> <td>$L = 311.24'$</td> </tr> <tr> <td>$T = 111.77'$</td> <td>$T = 155.63'$</td> </tr> <tr> <td>$R = 10,000.00'$</td> <td>$R = 15,500.00'$</td> </tr> <tr> <td>SE = NC</td> <td>SE = NC</td> </tr> <tr> <td>RO = SEE PLANS</td> <td>RO = SEE PLANS</td> </tr> </table>	PI Sta 38+62.95	PI Sta 43+82.98	$\Delta = 1' 16'' 50.7'' (RT)$	$\Delta = 1' 09'' 01.9'' (RT)$	$D = 0' 34'' 22.6''$	$D = 0' 22'' 10.7''$	$L = 223.53'$	$L = 311.24'$	$T = 111.77'$	$T = 155.63'$	$R = 10,000.00'$	$R = 15,500.00'$	SE = NC	SE = NC	RO = SEE PLANS	RO = SEE PLANS
PI Sta 38+62.95	PI Sta 43+82.98																
$\Delta = 1' 16'' 50.7'' (RT)$	$\Delta = 1' 09'' 01.9'' (RT)$																
$D = 0' 34'' 22.6''$	$D = 0' 22'' 10.7''$																
$L = 223.53'$	$L = 311.24'$																
$T = 111.77'$	$T = 155.63'$																
$R = 10,000.00'$	$R = 15,500.00'$																
SE = NC	SE = NC																
RO = SEE PLANS	RO = SEE PLANS																

-RPD-			
Pls Sta 11+49.40	PI Sta 13+79.75	Pls Sta 16+08.49	PI Sta 24+02.62
$\Theta_s = 5' 20'' 51.4''$	$\Delta = 14' 47'' 24.1'' (LT)$	$\Theta_s = 5' 20'' 51.4''$	$\Delta = 24' 23'' 01.4'' (RT)$
$L_s = 224.00'$	$D = 4' 46'' 28.7''$	$L_s = 224.00'$	$D = 12' 54'' 16.0''$
$LT = 149.40'$	$L = 309.76'$	$LT = 149.40'$	$L = 188.96'$
$ST = 74.73'$	$T = 155.75'$	$ST = 74.73'$	$T = 95.93'$
	$R = 1,200.00'$		$R = 444.00'$
	SE = 08		SE = 07
	RO = 224'		RO = SEE PLANS

- NOTES:
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
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 - RIGHT OF WAY MONUMENTATION ESTABLISHED FROM AUGUST 2019 TO APRIL 2021.

PROJECT REFERENCE NO. U-5896	SHEET NO. RW07
Location and Surveys	
ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 PHONE (336)765-2377 WWW.ALLIEDAPA.COM C-2198	
PROJECT SURVEYOR  SEAL L-3834 CLINTON B. OSBORNE	
Documented by:  04PF6085F64468	
11/3/2021	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



<p style="text-align: center;">-YI-</p> <p>PI Sta 14+32.74 $\Delta = 23^\circ 23' 57.3''$ (LT) $D = 38' 11'' 49.9''$ $L = 61.26'$ $T = 31.06'$ $R = 150.00'$ SE = NC RO = SEE PLANS</p>	<p style="text-align: center;">-Y-</p> <table border="0"> <tr> <td>PI Sta 12+02.53 $\Delta = 6^\circ 21' 07.05''$ (RT) $D = 1^\circ 34' 11.09''$ $L = 404.65'$ $T = 202.53'$ $R = 3,650.00'$ SE = RC RO = 74'</td> <td>PI Sta 17+30.99 $\Delta = 0^\circ 41' 25.5''$ (LT) $D = 0^\circ 34' 22.6''$ $L = 120.50'$ $T = 60.25'$ $R = 10,000.00'$ SE = NC RO = SEE PLANS</td> <td>PI Sta 24+71.21 $\Delta = 5^\circ 42' 24.6''$ (RT) $D = 1^\circ 54' 35.5''$ $L = 298.81'$ $T = 149.53'$ $R = 3,000.00'$ SE = RC RO = SEE PLANS</td> </tr> </table>	PI Sta 12+02.53 $\Delta = 6^\circ 21' 07.05''$ (RT) $D = 1^\circ 34' 11.09''$ $L = 404.65'$ $T = 202.53'$ $R = 3,650.00'$ SE = RC RO = 74'	PI Sta 17+30.99 $\Delta = 0^\circ 41' 25.5''$ (LT) $D = 0^\circ 34' 22.6''$ $L = 120.50'$ $T = 60.25'$ $R = 10,000.00'$ SE = NC RO = SEE PLANS	PI Sta 24+71.21 $\Delta = 5^\circ 42' 24.6''$ (RT) $D = 1^\circ 54' 35.5''$ $L = 298.81'$ $T = 149.53'$ $R = 3,000.00'$ SE = RC RO = SEE PLANS
PI Sta 12+02.53 $\Delta = 6^\circ 21' 07.05''$ (RT) $D = 1^\circ 34' 11.09''$ $L = 404.65'$ $T = 202.53'$ $R = 3,650.00'$ SE = RC RO = 74'	PI Sta 17+30.99 $\Delta = 0^\circ 41' 25.5''$ (LT) $D = 0^\circ 34' 22.6''$ $L = 120.50'$ $T = 60.25'$ $R = 10,000.00'$ SE = NC RO = SEE PLANS	PI Sta 24+71.21 $\Delta = 5^\circ 42' 24.6''$ (RT) $D = 1^\circ 54' 35.5''$ $L = 298.81'$ $T = 149.53'$ $R = 3,000.00'$ SE = RC RO = SEE PLANS		

MATCHLINE -Y- STA 23 + 50.00
SEE SHEET NO. 5

-YI- POT Sta. 15+52.24
 -Y- POT Sta. 24+64.29
 -YI- PT Sta. 14+62.93
 -YI- PC Sta. 14+01.67

BEGIN CONSTRUCTION
 -YI- POT STA. 13+90.00

NOTES:

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- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- RIGHT OF WAY MONUMENTATION ESTABLISHED FROM AUGUST 2019 TO APRIL 2021.