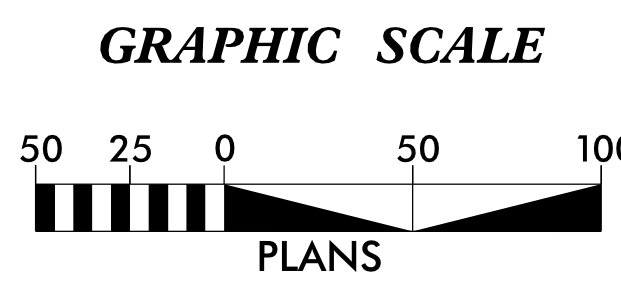
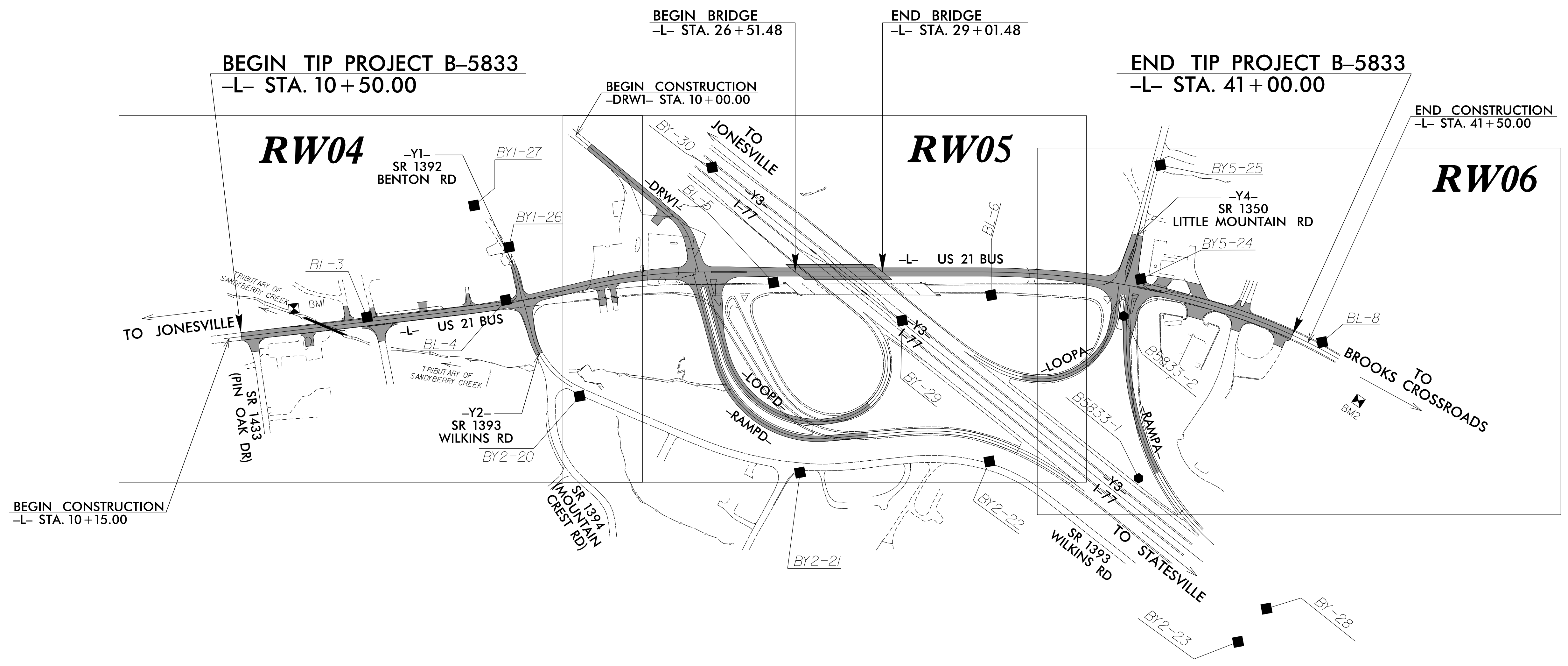
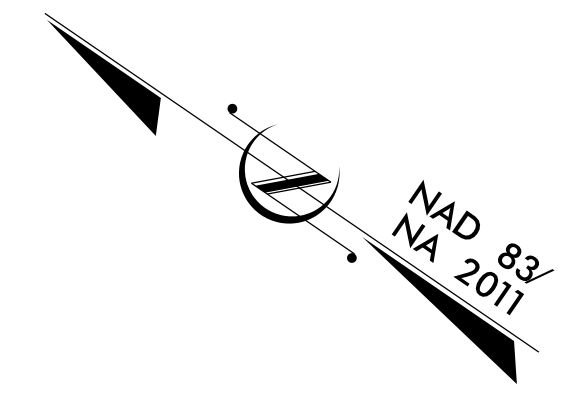


09/08/99

TIP PROJECT: B-5833

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5833	RW01	06

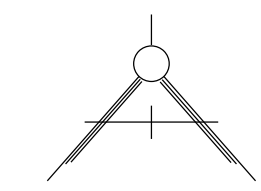
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
 SURVEY CONTROL, EXISTING CENTERLINES,
 RIGHT OF WAY, EASEMENTS AND PROPERTY TIES
YADKIN COUNTY



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5833-1" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 894,746.5689(ft) EASTING: 1,465,532.7803(ft) ELEVATION: 1,125.43(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999597700 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5833-1" TO -L- STATION 10+00.00 IS N 25°45'59.3" W 2650.48(ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:



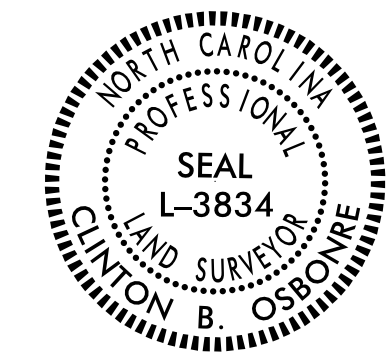
ALLIED ASSOCIATES, P.A.
 4720 KESTER MILL ROAD
 WINSTON SALEM, NC 27103
 WWW.ALLIEDAPA.COM C-2198
 (336)765-2377

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
 08-17-2021

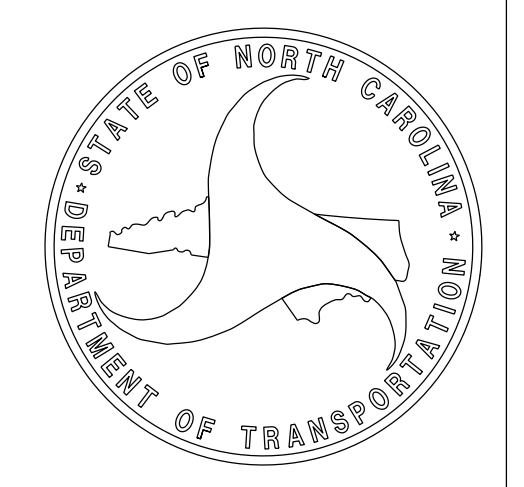
LETTING DATE:
 08-16-2022

PROFESSIONAL LAND SURVEYOR



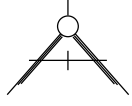

DocuSigned by:
 Clinton Osborne
 0A6FB085F6449B...

10/5/2021
 Date:



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 Owner AT OWNER-PC

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. B-5833	SHEET NO. RW02D
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	

DocuSigned by:

 10/5/2021

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	897133.5166	1464380.6071
PC	17+01.03	896605.7699	1464842.0457
PT	18+74.11	896482.2805	1464963.1812
PC	20+40.78	896370.1792	1465086.5188
PT	23+91.10	896106.7232	1465316.2326
PC	31+87.94	895449.5512	1465766.8749
PCC	39+65.37	894746.9218	1466090.8834
PT	42+50.65	894466.0859	1466138.5065

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	896659.6398	1465070.1918
PC	10+37.96	896625.0165	1465054.6405
PT	11+43.27	896537.5493	1464996.8109
POT	12+06.74	896490.9477	1464953.7263

Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	896488.8397	1464956.0110
PC	11+10.42	896405.5879	1464883.4795
PT	12+97.27	896232.0851	1464830.5953

Y4

TYPE	STATION	NORTH	EAST
POT	10+00.00	895222.2134	1466321.1046
POT	13+76.70	895093.1703	1465967.1996

DRW1

TYPE	STATION	NORTH	EAST
POT	10+00.00	896631.4845	1465429.8685
PC	13+63.21	896269.6823	1465397.9204
PT	14+56.19	896185.3390	1465362.4599
POT	15+41.78	896120.3130	1465306.8038

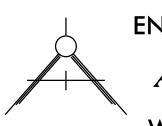
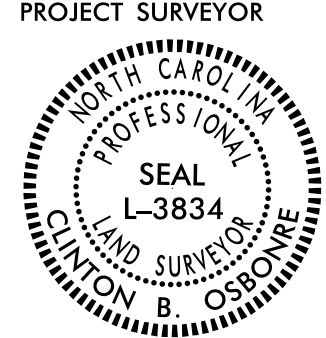
RAMPD

TYPE	STATION	NORTH	EAST
POT	10+00.00	896133.7611	1465297.2538
PC	12+63.93	895933.2487	1465125.6340
PT	16+81.80	895548.3732	1465121.2236
PC	19+04.08	895376.2363	1465261.8519
PCC	19+34.64	895352.2069	1465280.7293
PCC	20+40.97	895263.5738	1465339.3388
PCC	21+59.86	895154.0777	1465384.8421
PT	24+63.46	894853.3527	1465414.2093
POT	25+13.46	894803.4798	1465410.6465

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 INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
B-5833	RW03E
Location and Surveys	
 <p>ENTER CONSULTANT'S NAME IN THIS BOX ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 WWW.ALLIEDAPA.COM C-2198 (336)765-2377</p>	
 <p>PROJECT SURVEYOR CLINTON B. OSBORNE L-3834 LAND SURVEYOR NORTH CAROLINA</p>	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	10+50.00	-20.00	897109.0404	1464428.5749
L	10+50.00	-50.00	897128.7873	1464451.1594
L	11+06.40	40.00	897027.0846	1464420.5328
L	13+20.00	50.00	896859.7037	1464553.5999
L	13+20.00	40.00	896866.2860	1464561.1280
L	14+45.00	-50.00	896831.4246	1464711.1603
L	14+45.00	-38.00	896823.5259	1464702.1265
L	16+25.00	-50.00	896695.9176	1464829.6417
L	16+25.00	-38.00	896688.0188	1464820.6079
L	17+01.03	50.00	896572.8584	1464804.4049
L	17+01.03	-50.00	896638.6814	1464879.6866
L	17+97.08	50.00	896500.2798	1464872.0556
L	18+37.88	-50.00	896543.1489	1464971.1754
L	20+40.78	-50.00	896407.1797	1465120.1486
L	20+40.78	-45.00	896403.4797	1465116.7856
L	22+00.00	-45.00	896287.0093	1465232.0893
L	22+00.00	90.87	896196.6385	1465130.6265
L	23+13.54	-45.00	896196.8555	1465306.5033
L	29+23.06	-50.00	895696.2847	1465658.3089
L	31+87.94	-50.00	895477.8281	1465808.1110
L	35+30.00	-50.00	895175.9830	1465983.6413

MARKER EXCEPTIONS:
* = MAG NAIL SET

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	11+05.00	-30.00	896549.4775	1465045.3474
Y1	11+05.00	-22.57	896553.8450	1465039.3376
Y1	11+43.27	-30.00	896517.1836	1465018.8390
Y1	11+56.54	-30.00	896507.4440	1465009.8345

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y4	13+00.00	39.73	895156.7703	1466025.6462

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
DRW1	10+40.00	30.00	896594.2783	1465396.4664
DRW1	10+40.00	-35.46	896588.5205	1465461.6717
DRW1	13+63.21	-40.64	896266.1071	1465438.4077
* DRW1	13+63.21	50.00	896274.0803	1465348.1142
* DRW1	13+63.21	30.00	896272.3211	1465368.0366
* DRW1	14+56.19	50.00	896217.8514	1465324.4738

MARKER EXCEPTIONS:
* = MAG NAIL SET

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
RAMPD	10+78.86	80.00	896125.8692	1465185.1972
RAMPD	12+63.93	80.00	895985.2687	1465064.8564
RAMPD	14+92.42	80.00	895717.7670	1464974.0986
RAMPD	15+08.55	73.65	895698.0900	1464982.0588
RAMPD	15+37.91	64.73	895663.7973	1464996.4849
RAMPD	16+34.22	52.23	895561.2110	1465048.9967

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
RAMPD	10+95.00	80.00	896113.6076	1465174.7024
RAMPD	10+95.00	87.00	896118.1593	1465169.3844
RAMPD	11+10.00	87.00	896106.7635	1465159.6306
RAMPD	11+10.00	80.00	896102.2118	1465164.9487
RAMPD	12+30.00	157.00	896061.1145	1465028.4202
RAMPD	12+92.00	182.00	896016.0091	1464959.6828
RAMPD	13+64.00	80.00	895877.1251	1464999.8660

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	10+15.00	30.00	897102.4774	1464367.8960
L	10+15.00	20.00	897109.0597	1464375.4242
L	10+66.77	55.00	897047.0519	1464383.1491
L	11+30.00	-50.00	897068.5619	1464503.8178
L	12+00.00	-90.00	897042.1939	1464580.0066
L	13+02.00	61.00	896866.0139	1464533.4707
L	13+02.00	40.00	896879.8367	1464549.2799
L	13+30.00	-70.00	896931.1632	1464650.5202
L	13+30.00	-50.00	896917.9986	1464635.4638
L	13+76.00	72.00	896803.0649	1464573.8988
L	14+30.00	65.00	896767.0204	1464614.7129
L	14+30.00	50.00	896776.8939	1464626.0052
L	17+70.00	-50.00	896589.4982	1464924.7129
L	18+37.72	-70.00	896557.7304	1464984.8651
L	20+40.78	-70.00	896421.9786	1465133.6019
L	20+55.00	-81.00	896419.9893	1465152.0404
L	20+55.00	-70.00	896411.9192	1465144.5655
L	20+67.00	-70.00	896403.3502	1465153.7433
L	20+67.00	-81.00	896411.3606	1465161.2821
* L	22+84.00	-71.00	896237.0335	1465308.1444
* L	22+84.00	-61.00	896230.8078	1465300.3187
* L	22+96.00	-71.00	896227.1701	1465315.9273
* L	22+96.00	-61.00	896221.0068	1465308.0524
** L	23+10.26	-61.00	896209.2823	1465317.1395
L	35+20.00	-50.00	895185.1630	1465979.1554
L	36+55.48	-50.00	895059.2037	1466036.5057
L	38+27.00	-49.26	894895.0205	1466097.6135
L	38+27.00	-60.00	894898.4315	1466107.7960

MARKER EXCEPTIONS:
* = MAG NAIL SET
** = HOLE IN CONC

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	11+37.10	-30.00	896522.1730	1465023.3648

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y2	10+59.78	60.00	896483.1838	1464871.5060
Y2	11+03.00	65.00	896453.8775	1464839.3421
Y2	11+03.00	75.00	896460.4464	1464831.8023
Y2	11+14.00	75.00	896451.2144	1464823.8104
Y2	11+14.00	65.00	896444.7680	1464831.4553
Y2	12+20.00	52.00	896320.3729	1464783.6528
Y2	12+20.00	62.00	896322.5851	1464773.9005
Y2	12+30.00	62.00	896310.0498	1464771.3524
Y2	12+30.00	51.85	896308.2529	1464781.3392

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y4	11+85.00	-31.84	895128.9254	1466158.2055
Y4	11+85.00	-77.00	895086.4979	1466173.6756
Y4	11+90.00	57.00	895210.6773	1466123.0746
Y4	11+90.00	30.96	895186.2096	1466131.9961
Y4	12+05.00	-77.00	895079.6466	1466154.8858
Y4	12+05.00	-33.98	895120.0591	1466140.1503
Y4	12+19.00	80.00	895222.3513	1466087.9502
Y4	12+60.00	-39.88	895095.6768	1466090.4986

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
DRW1	11+98.00	30.00	896436.8908	1465382.5686
*** DRW1	12+33.00	87.00	896407.0402	1465322.7109
*** DRW1	13+13.00	30.00	896322.3365	1465372.4531

MARKER EXCEPTIONS:
*** = 8" SPIKE SET

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 5th day of October, 2021.

DocuSigned by:

 Clinton Osborne
 0ABF6B085F6449B
 Professional Land Surveyor

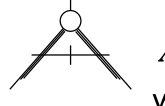

L-3834
PLS #

R/W MARKER NOTES:

- UNLESS OTHERWISE NOTED, ALL ROW MARKERS AND CONTROL ACCESS 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 09-28-2021 TO 10-04-2021.

PROJECT REFERENCE NO.	SHEET NO.
B-5833	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	
 SEAL L-3834 CLINTON B. OSBORNE 10/5/2021 Documented by: <i>Clinton Osborne</i> 048F68085F6449B	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

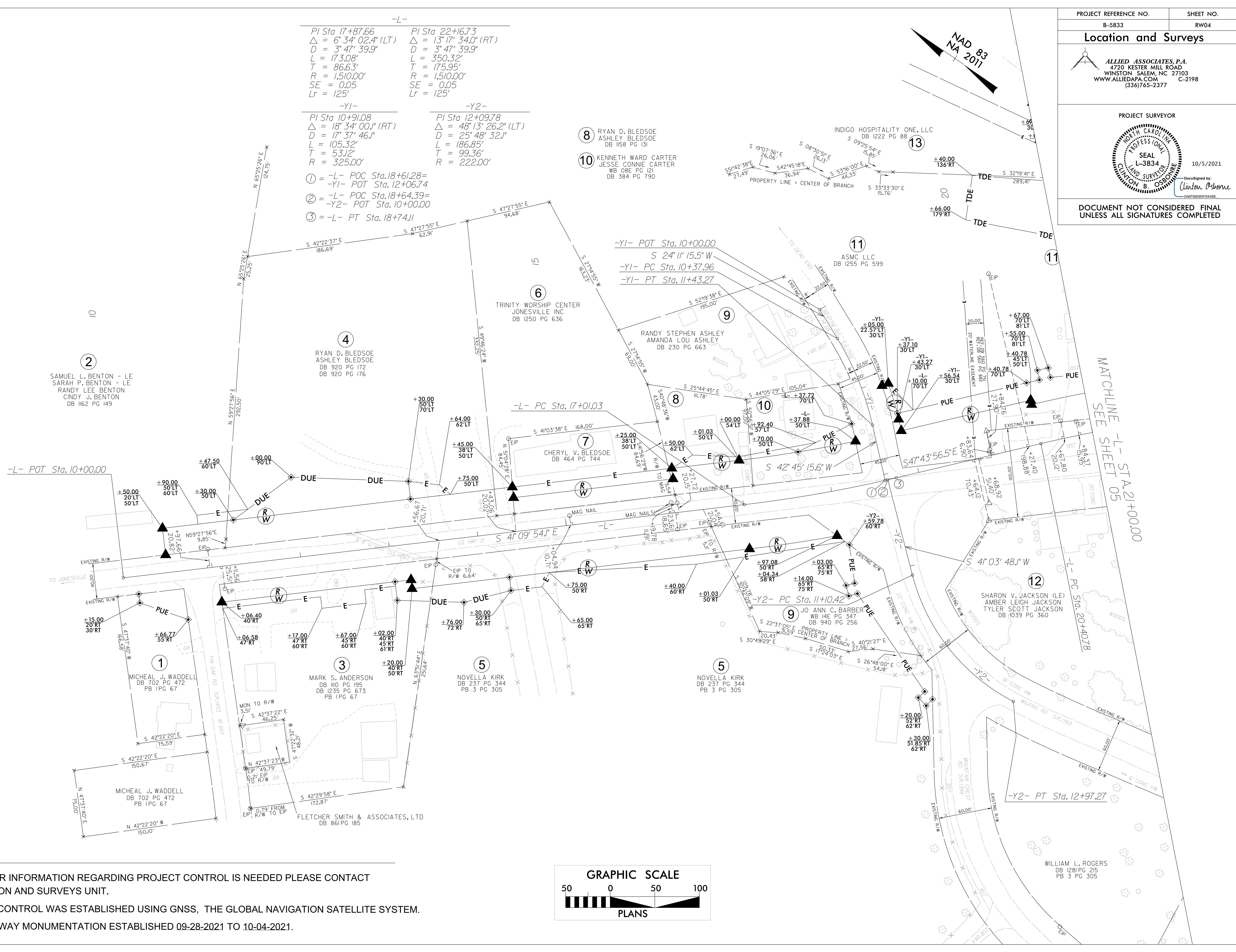
-L-

PI Sta. 17+87.66 Δ = 6° 34' 02.4" (LT) D = 3° 47' 39.9" L = 173.08' T = 86.63' R = 1,510.00' SE = 0.05 Lr = 125'	PI Sta. 22+16.73 Δ = 13° 17' 34.0" (RT) D = 3° 47' 39.9" L = 350.32' T = 175.95' R = 1,510.00' SE = 0.05 Lr = 125'
---	---

-Y1-	-Y2-
PI Sta. 10+91.08 Δ = 18° 34' 00.1" (RT) D = 17° 37' 46.1" L = 105.32' T = 53.12' R = 325.00'	PI Sta. 12+09.78 Δ = 48° 13' 26.2" (LT) D = 25° 48' 32.1" L = 186.85' T = 99.36' R = 222.00'

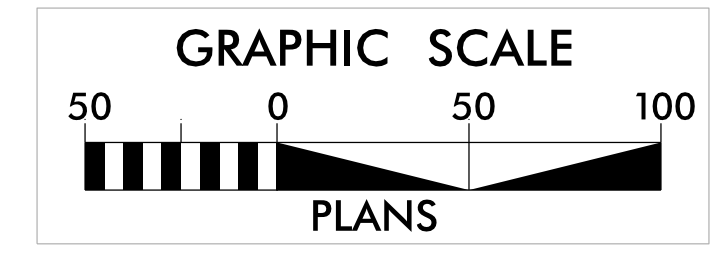
- ① = -L- POC Sta. 18+61.28 = -Y1- POT Sta. 12+06.74
- ② = -L- POC Sta. 18+64.39 = -Y2- POT Sta. 10+00.00
- ③ = -L- PT Sta. 18+74.11

- ⑧ RYAN D. BLEDSOE
ASHLEY BLEDSOE
DB 1158 PG 131
- ⑩ KENNETH WARD CARTER
JESSE CONNIE CARTER
WB 08E PG 121
DB 384 PG 790



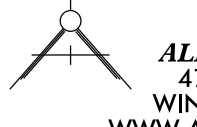
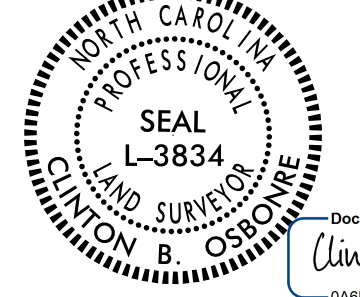
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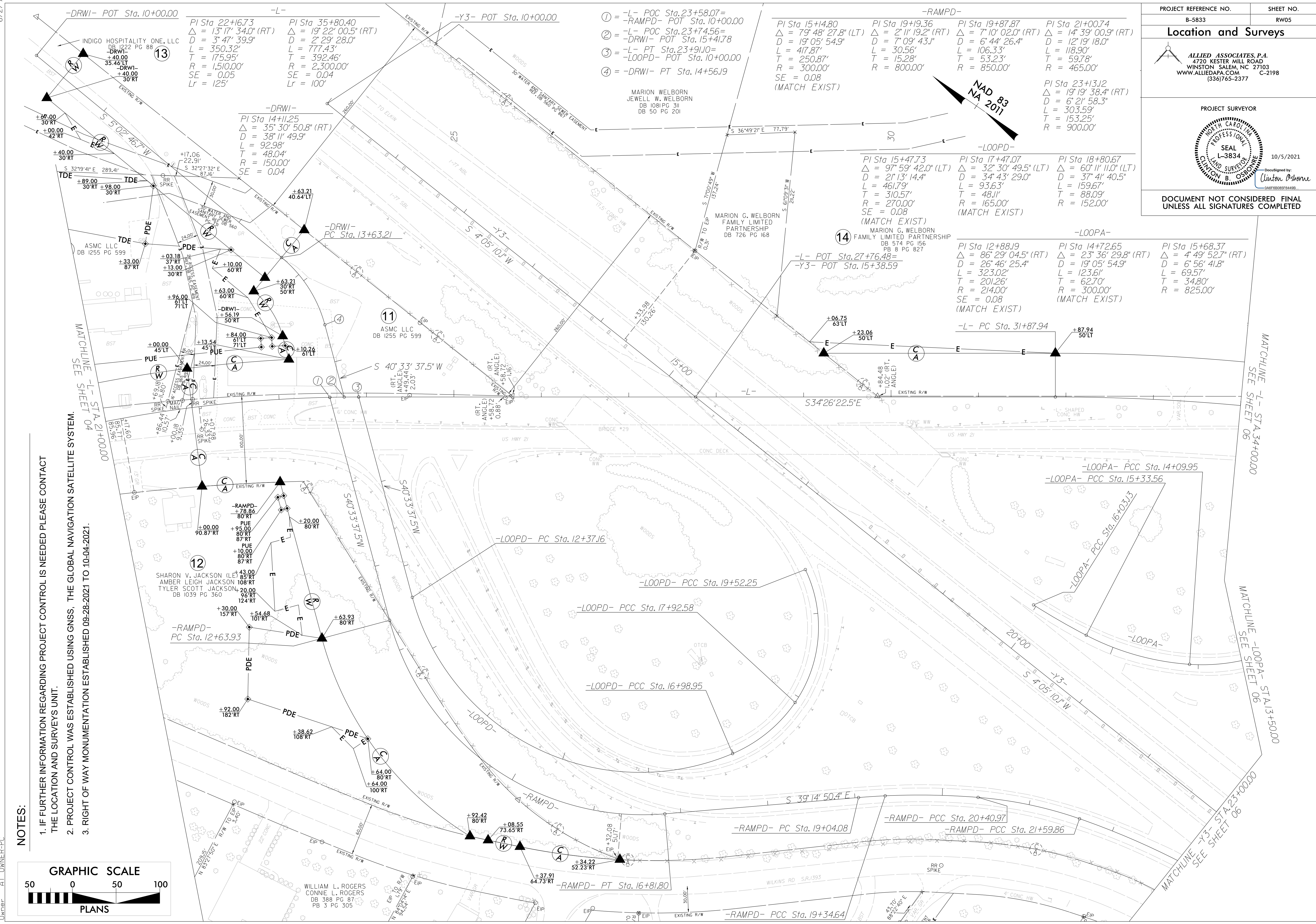
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 09-28-2021 TO 10-04-2021.



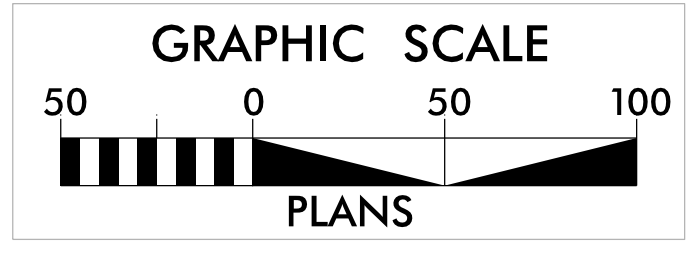
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6/2/19

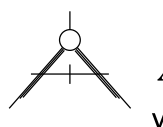
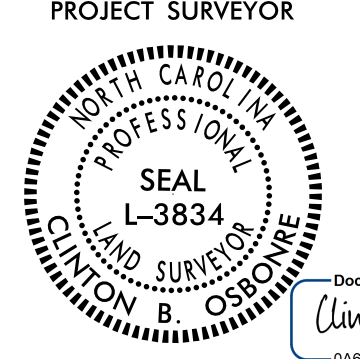
PROJECT REFERENCE NO. B-5833	SHEET NO. RW05
Location and Surveys	
 ALLIED ASSOCIATES, P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 WWW.ALLIEDAPA.COM C-2198 (336)765-2377	
PROJECT SURVEYOR  CLINTON B. OSBORNE 10/5/2021 Documented by: <i>Clinton Osborne</i> (336) 765-2377	
DOCUMENT NOT CONSIDERED 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 09-28-2021 TO 10-04-2021.

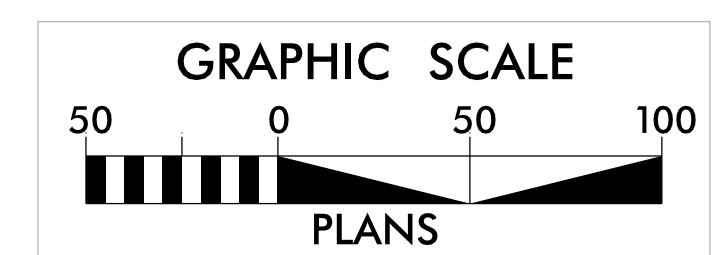


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PROJECT REFERENCE NO. B-5833	SHEET NO. RW06
Location and Surveys	
 ALLIED ASSOCIATES P.A. 4720 KESTER MILL ROAD WINSTON SALEM, NC 27103 WWW.ALLIEDAPA.COM C-2198 (336)765-2377	
PROJECT SURVEYOR  SEAL L-3834 CLINTON B. OSBORNE 10/5/2021 Documented by: <i>Clinton Osborne</i> (336) 880-0505	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

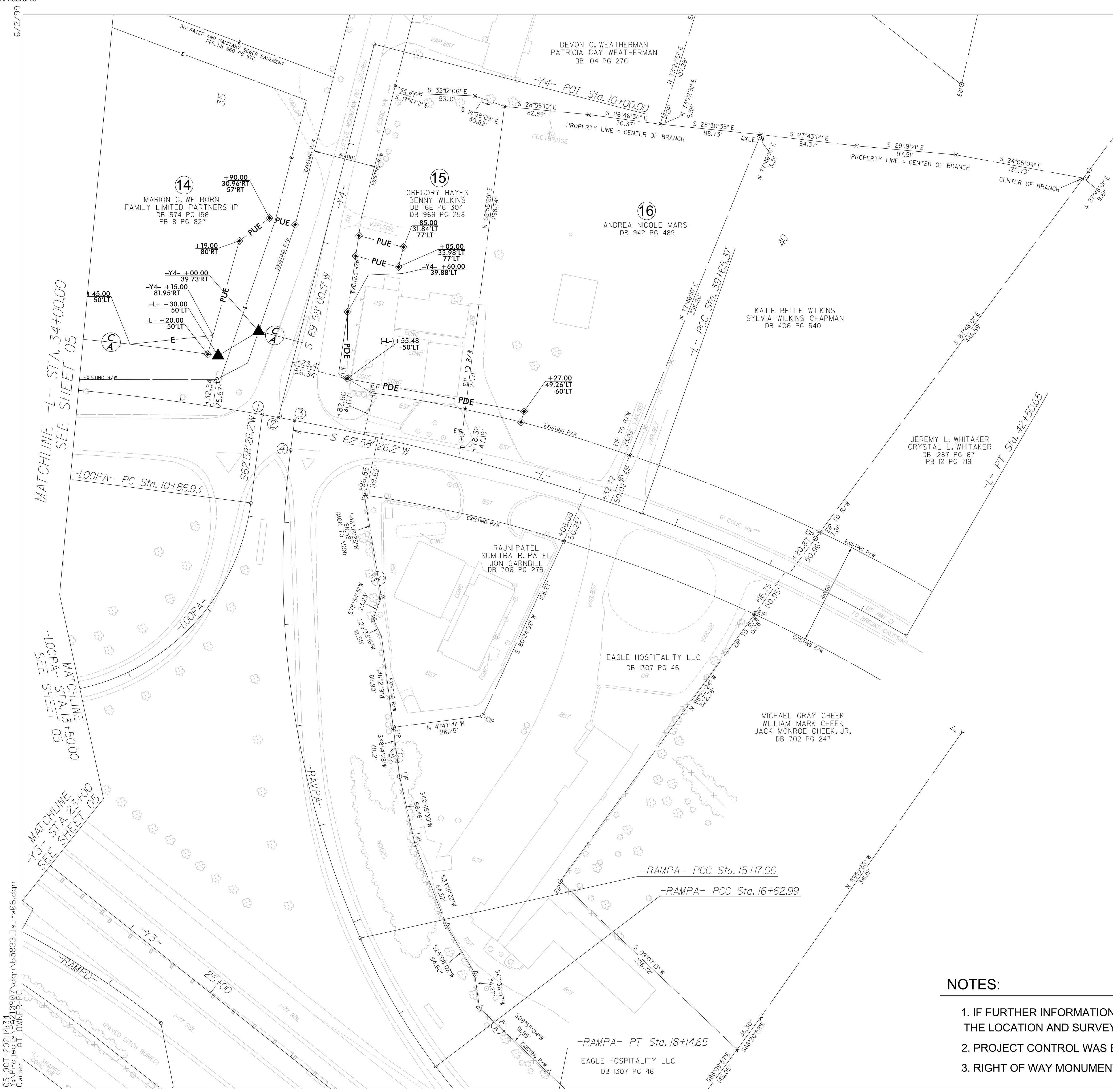
- ① = -L- POC Sta. 35+81.31=
-LOOPA- POT Sta. 10+00.00
- ② = -L- POC Sta. 35+97.31=
-Y4- POT Sta. 13+76.70
- ③ = -L- POC Sta. 36+13.35=
-RAMPA- POT Sta. 10+00.00
- ④ = -RAMPA- PC Sta. 10+29.17

-L-		
PI Sta 35+80.40 $\Delta = 19^{\circ} 22' 00.5''$ (RT) $D = 2^{\circ} 29' 28.0''$ $L = 777.43'$ $T = 392.46'$ $R = 2,300.00'$ $SE = 0.04$ $Lr = 100'$	PI Sta 41+08.44 $\Delta = 10^{\circ} 53' 48.1''$ (RT) $D = 3^{\circ} 49' 11.0''$ $L = 285.27'$ $T = 143.07'$ $R = 1,500.00'$ $SE = EXIST.$	
-RAMPA-		
PI Sta 12+79.27 $\Delta = 31^{\circ} 03' 34.4''$ (LT) $D = 6^{\circ} 21' 58.3''$ $L = 487.88'$ $T = 250.10'$ $R = 900.00'$ $SE = 0.06$ (MATCH EXIST)	PI Sta 15+90.37 $\Delta = 13^{\circ} 37' 04.8''$ (LT) $D = 9^{\circ} 19' 53.6''$ $L = 145.93'$ $T = 73.31'$ $R = 614.00'$ (MATCH EXIST)	PI Sta 17+39.05 $\Delta = 10^{\circ} 51' 43.1''$ (LT) $D = 7^{\circ} 09' 43.1''$ $L = 151.66'$ $T = 76.06'$ $R = 800.00'$ (MATCH EXIST)
-LOOPA-		
PI Sta 12+88.19 $\Delta = 86^{\circ} 29' 04.5''$ (RT) $D = 26^{\circ} 46' 25.4''$ $L = 323.02'$ $T = 201.26'$ $R = 214.00'$ $SE = 0.08$ (MATCH EXIST)		



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 09-28-2021 TO 10-04-2021 .



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