

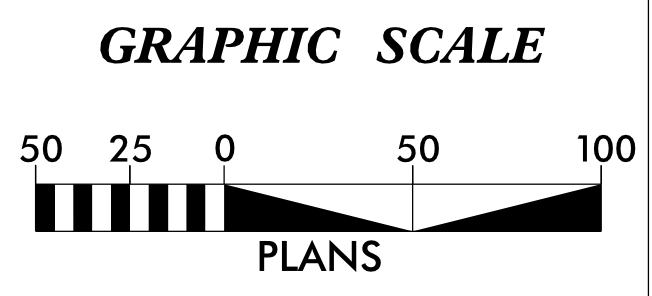
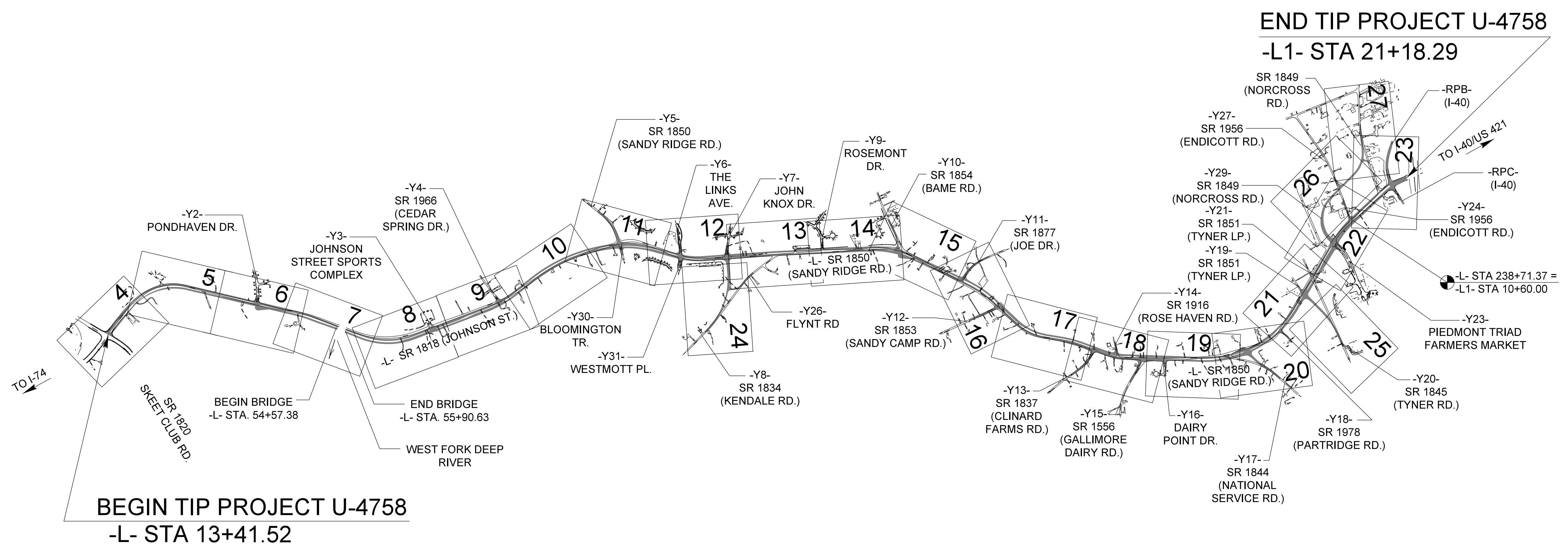
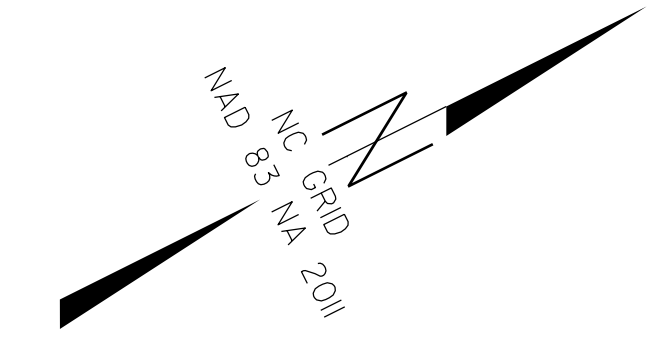
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-4758	RW01	27

TIP PROJECT: U-4758

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 NGS FOR MONUMENT "616E-200" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 855,280.100(ft) EASTING: 1,707,247.730(ft) ELEVATION: 948.62(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999407330

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "616E-200" TO -L- STATION 10+00.00 IS N 21°33'32.0" E 23,327.56(ft)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:

Stantec
 ONE WEST FOURTH ST., SUITE 820
 WINSTON SALEM, N.C. 27101
 LICENSE NO.: F-0672
 www.stantec.com

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: 12-17-2021

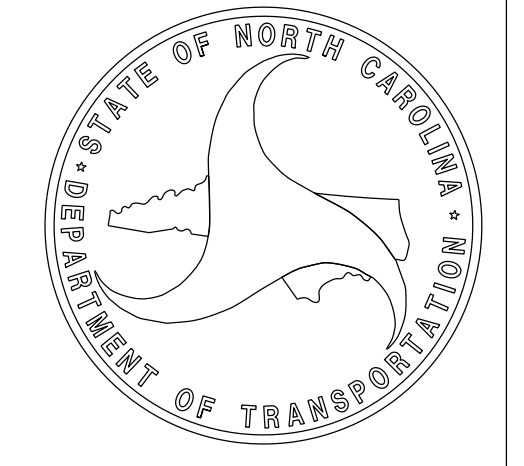
LETTING DATE: 06-17-2025

PROFESSIONAL LAND SURVEYOR

DocuSigned by:
 Clinton B. Osborne
 09-02-2024



SEAL
 L-3834
 CLINTON B. OSBORNE

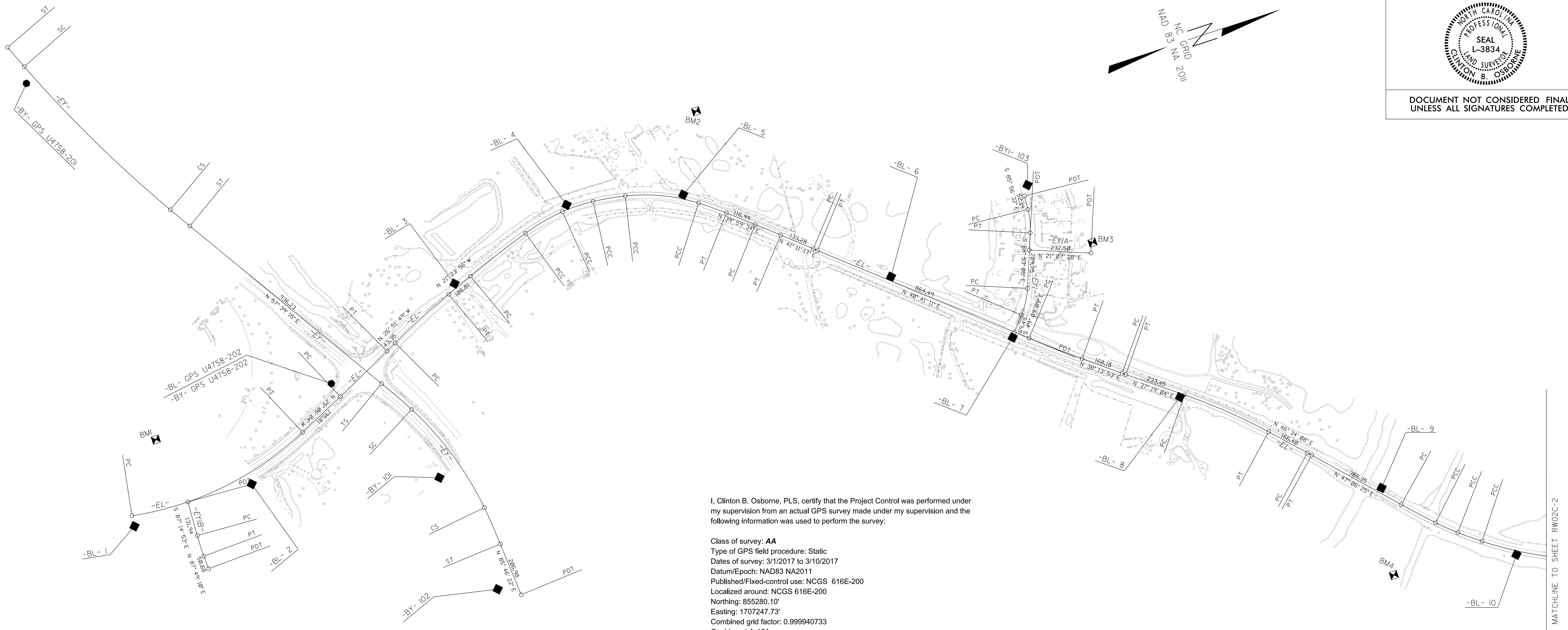
SIGNATURE: _____ **Date:** 09-02-2024



SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. U-4758	SHEET NO. RW02C-1
Location and Surveys	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

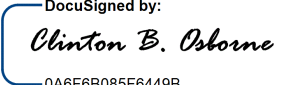


I, Clinton B. Osborne, PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: Static
 Dates of survey: 3/1/2017 to 3/10/2017
 Datum/Epoch: NAD83 NA2011
 Published/Fixed-control use: NCGS 616E-200
 Localized around: NCGS 616E-200
 Northing: 855280.10'
 Easting: 1707247.73'
 Combined grid factor: 0.999940733
 Geoid model: 12A
 Units: US Survey Feet

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 3/14/2017 to 4/13/2017, 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 2nd day of September, 2024

DocuSigned by:

 Clinton B. Osborne
 046F50055C4460
 Professional Land Surveyor L-3834



SEE SHEETS RW02C-8 - RW02C-10
 FOR FURTHER
 ALIGNMENT DETAILS

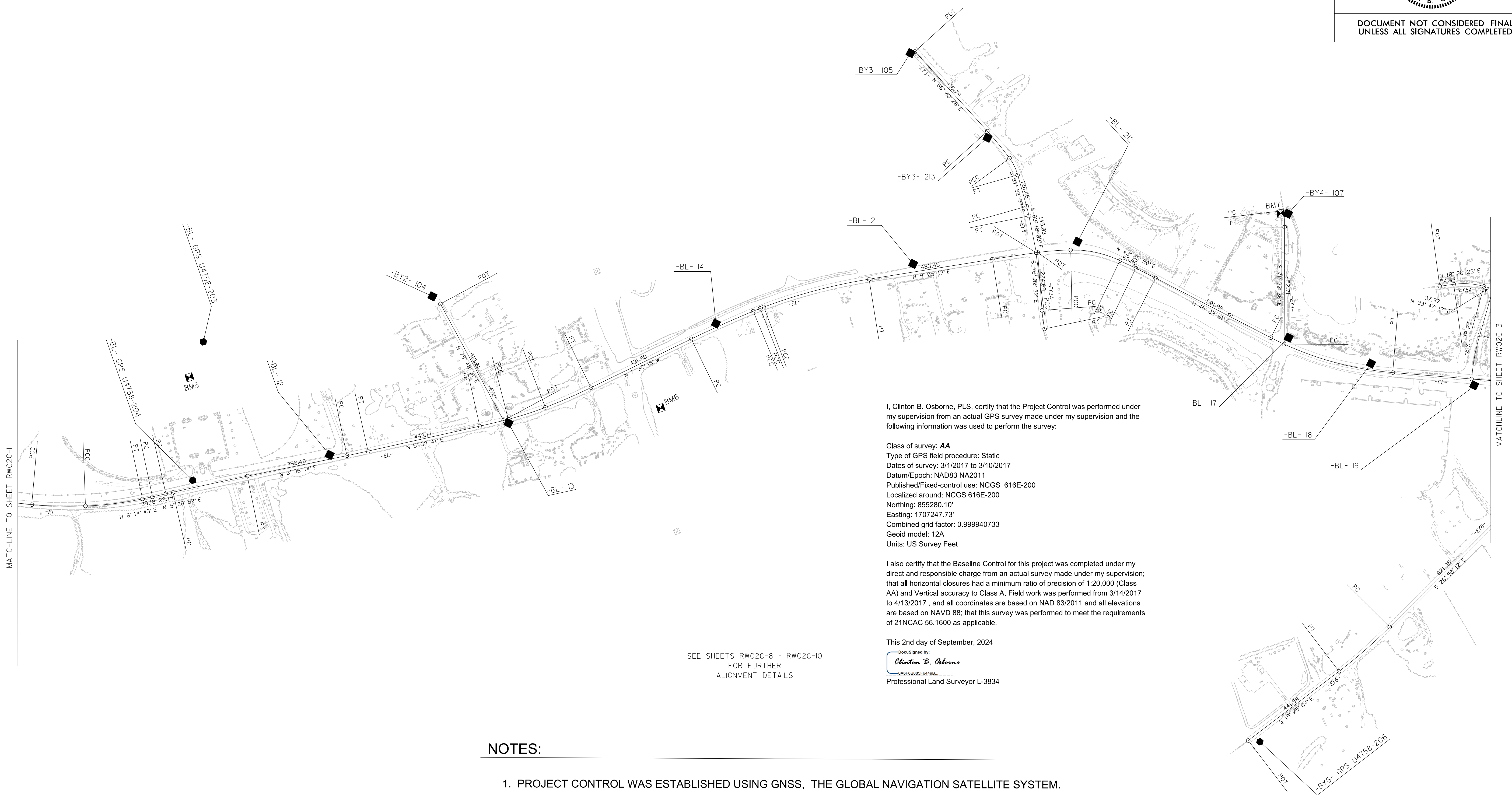
NOTES:

- 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.

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

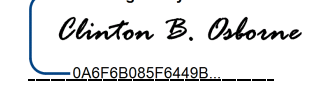
PROJECT REFERENCE NO. U-4758	SHEET NO. RW02C-2
Location and Surveys	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR  CLINTON B. OSBORNE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



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: 3/1/2017 to 3/10/2017
 Datum/Epoch: NAD83 NA2011
 Published/Fixed-control use: NCGS 616E-200
 Localized around: NCGS 616E-200
 Northing: 855280.10
 Easting: 1707247.73
 Combined grid factor: 0.999940733
 Geoid model: 12A
 Units: US Survey Feet

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This 2nd day of September, 2024
 DocuSigned by:

 Clinton B. Osborne
 Professional Land Surveyor L-3834

SEE SHEETS RW02C-8 - RW02C-10
 FOR FURTHER
 ALIGNMENT DETAILS

NOTES:

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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. U-4758	SHEET NO. RW02C-3
Location and Surveys	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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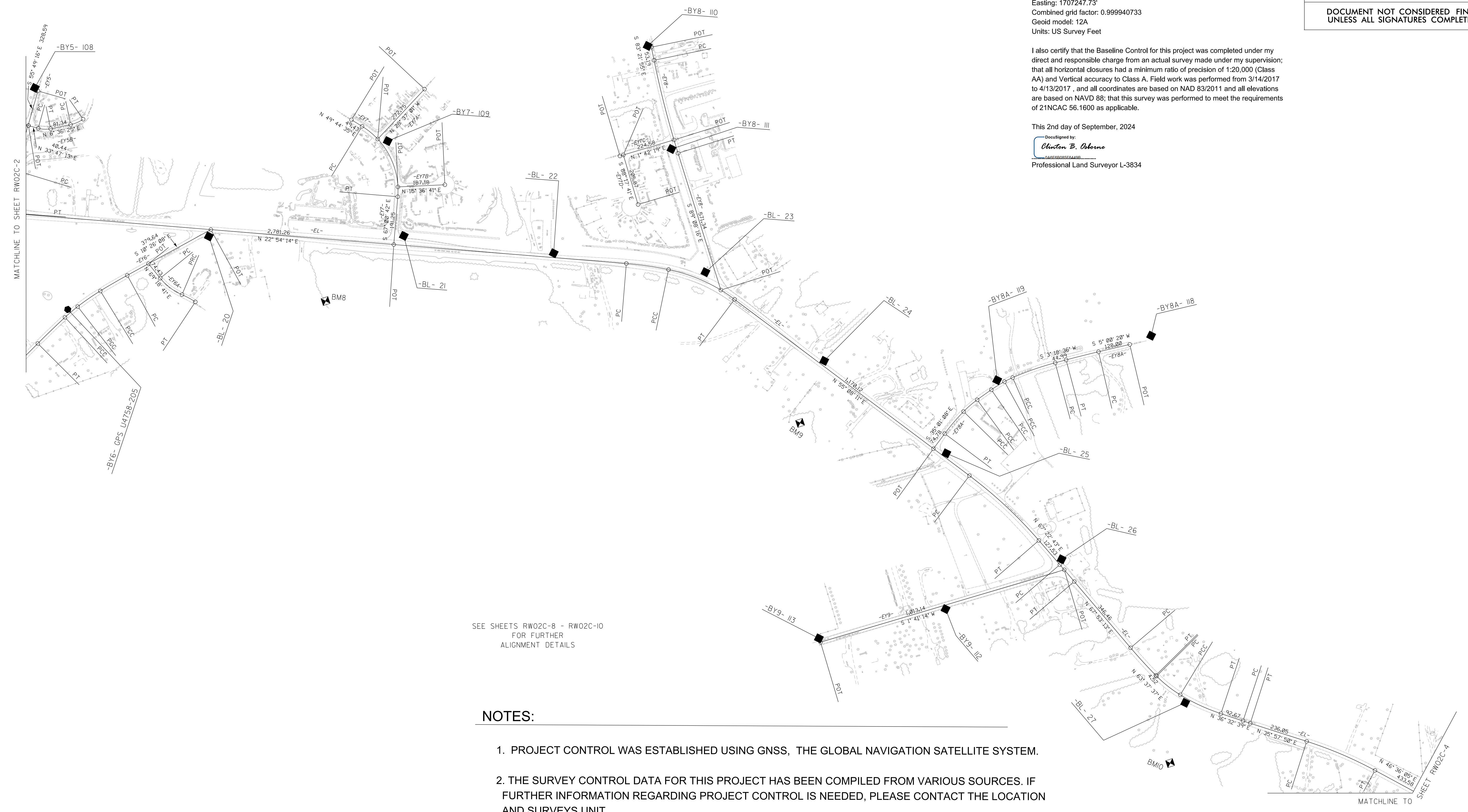
Class of survey: **AA**
 Type of GPS field procedure: Static
 Dates of survey: 3/1/2017 to 3/10/2017
 Datum/Epoch: NAD83 NA2011
 Published/Fixed-control use: NCGS 616E-200
 Localized around: NCGS 616E-200
 Northing: 855280.10'
 Easting: 1707247.73'
 Combined grid factor: 0.999940733
 Geoid model: 12A
 Units: US Survey Feet

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This 2nd day of September, 2024

Designed by:

 Clinton B. Osborne
 Professional Land Surveyor L-3834



SEE SHEETS RWO2C-8 - RW02C-10
 FOR FURTHER
 ALIGNMENT DETAILS

NOTES:

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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.

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

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: 3/1/2017 to 3/10/2017
Datum/Epoch: NAD83 NA2011
Published/Fixed-control use: NCGS 616E-200
Localized around: NCGS 616E-200
Northing: 855280.10'
Easting: 1707247.73'
Combined grid factor: 0.999940733
Geoid model: 12A
Units: US Survey Feet

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This 2nd day of September, 2024

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

PROJECT REFERENCE NO. U-4758	SHEET NO. RW02C-4
Location and Surveys	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

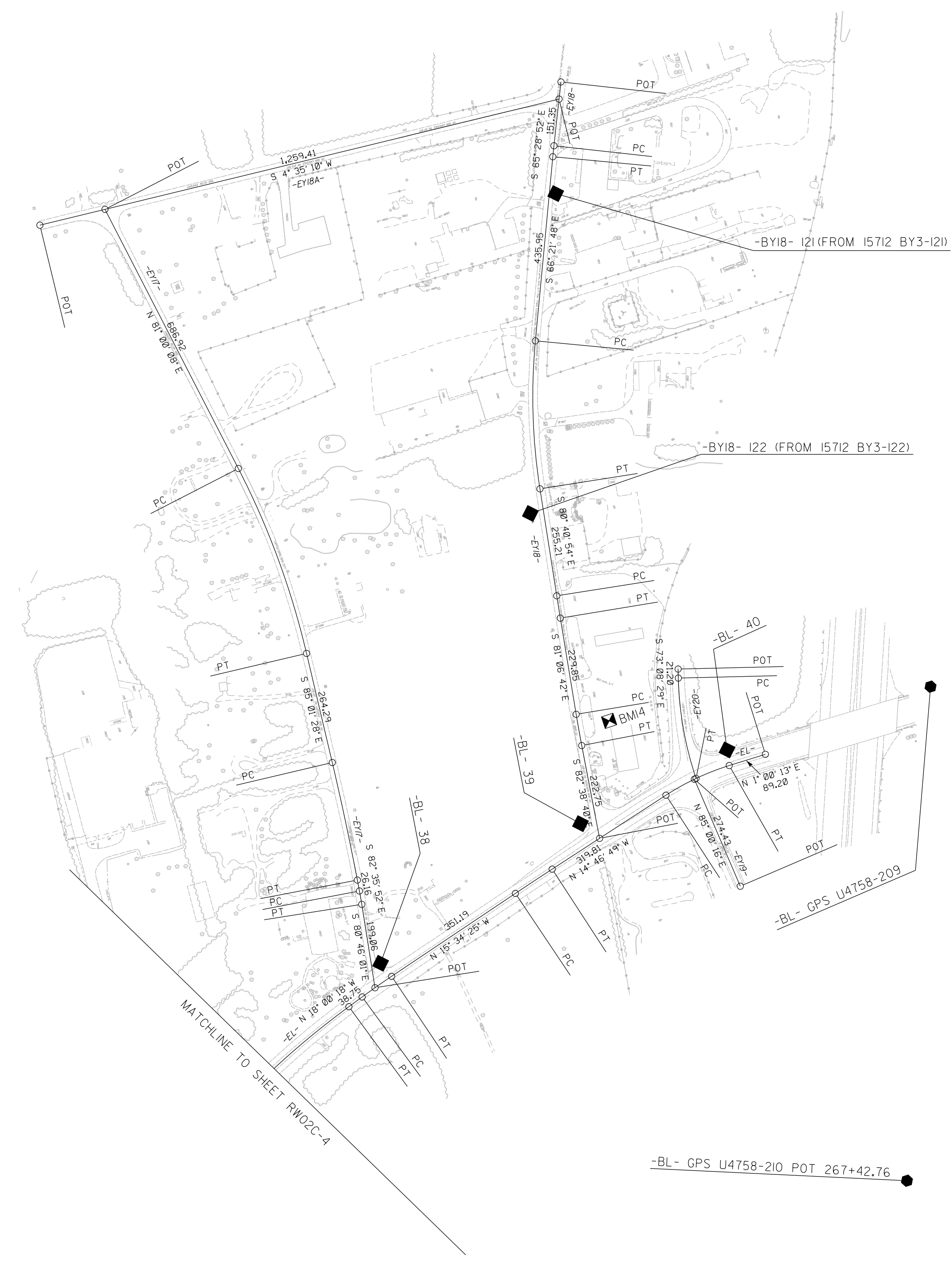
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U:\234300168\surveys\drw\rdg\dgn\4758-1s-rw02c-4-240902.dgn
pat.jones AT JONESPAT.LT



SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION


PROJECT REFERENCE NO. U-4758	SHEET NO. RW02C-5
Location and Surveys	
 Stantec <small>ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com</small>	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



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: 3/1/2017 to 3/10/2017
 Datum/Epoch: NAD83 NA2011
 Published/Fixed-control use: NCGS 616E-200
 Localized around: NCGS 616E-200
 Northing: 855280.10'
 Easting: 1707247.73'
 Combined grid factor: 0.999940733
 Geoid model: 12A
 Units: US Survey Feet

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 3/14/2017 to 4/13/2017, 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 2nd day of September, 2024
 DocuSigned by:

 Clinton B. Osborne
 Professional Land Surveyor L-3834

SEE SHEETS RW02C-8 - RW02C-10
 FOR FURTHER
 ALIGNMENT DETAILS

NOTES:

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20-AUG-2024 14:25
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 patjones AT JONESPAT-LLP

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW02C-6
Location and Surveys	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR  SEAL L-3834 CLINTON B. OSBORNE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		BL - 1	832862.2215	1698809.6528	867.10
2		BL - 2	833332.6106	1698796.8673	866.01
202		GPS U4758-202	833736.7303	1698531.3064	858.94
3		BL - 3	834296.2222	1698318.5328	860.05
4		BL - 4	834790.8258	1698168.5931	883.49
5		BL - 5	835220.8303	1698270.0137	882.78
6		BL - 6	835869.1983	1698809.2156	868.34
7		BL - 7	836233.6464	1699170.8640	852.85
8		BL - 8	836762.9288	1699581.8048	843.83
9		BL - 9	837378.4355	1700145.3372	813.01
10		BL - 10	837783.1056	1700544.1125	824.94
204		GPS U4758-204	838559.3943	1700712.4697	848.81
12		BL - 12	839093.4422	1700784.7730	860.75
13		BL - 13	839789.2269	1700884.9034	875.52
14		BL - 14	840672.0701	1700769.6923	884.94
211		BL - 211	841469.3304	1700789.4357	901.45
212		BL - 212	842100.5213	1700906.9195	918.21
17		BL - 17	842759.9743	1701515.5079	929.23
18		BL - 18	843031.4240	1701710.3372	927.48
19		BL - 19	843384.1920	1701915.1066	931.58
20		BL - 20	844116.0025	1702228.9557	926.79
21		BL - 21	844854.5099	1702469.9340	932.30
22		BL - 22	845400.2354	1702722.4769	928.36
23		BL - 23	845950.7937	1702983.5074	937.01
24		BL - 24	846289.8969	1703467.2702	938.98
25		BL - 25	846636.7328	1703969.5770	943.07
26		BL - 26	846941.0171	1704514.3371	944.72
27		BL - 27	847229.8077	1705211.6233	948.28
207		GPS U4758-207	848020.8585	1705834.1543	957.96
214		BL - 214	848293.3510	1706103.3482	952.68
215		BL - 215	848592.2787	1706360.4783	959.80
31		BL - 31	849135.3725	1706567.5089	956.02
32		BL - 32	849886.9607	1706854.3700	956.91
33		BL - 33	850322.6293	1706981.0129	956.26
34		BL - 34	850817.5476	1706975.6868	958.72
35		BL - 35	851244.4398	1706662.3934	954.23
36		BL - 36	851648.1925	1706383.8743	953.17
37		BL - 37	852159.9507	1706063.1686	952.89
38		BL - 38	852688.9663	1705819.5389	961.38
39		BL - 39	853239.4748	1705654.3936	965.67
40		BL - 40	853622.0406	1705597.4455	980.77
209		GPS U4758-209	854124.3581	1705606.0895	977.63
210		GPS U4758-210	853707.0678	1706694.7623	947.48

BY	POINT	DESC.	NORTH	EAST	ELEVATION
201		GPS U4758-201	832997.7093	1697095.7252	874.17
EQ202			833736.7303	1698531.3064	858.94
101		BY - 101	834012.9839	1698995.8723	844.31
102		BY - 102	834090.1550	1699464.2083	852.26

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
103		BY1-103	836466.3935	1698642.0985	852.47
EQ7			836233.6464	1699170.8640	852.85

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
104		BY2-104	839663.2369	1700326.5838	864.29
EQ13			839789.2387	1700884.9336	875.52

BY3	POINT	DESC.	NORTH	EAST	ELEVATION
105		BY3-105	841715.0843	1700011.4968	906.99
213		BY3-213	841895.4830	1700415.7904	911.73
EQ212			842100.5213	1700906.9195	918.21

BY4	POINT	DESC.	NORTH	EAST	ELEVATION
107		BY4-107	842907.6466	1701059.0682	919.36
EQ17			842759.9743	1701515.5079	929.17

BY5	POINT	DESC.	NORTH	EAST	ELEVATION
108		BY5-108	843642.3891	1701449.7599	918.32
EQ19			843384.1920	1701915.1066	931.58

BY6	POINT	DESC.	NORTH	EAST	ELEVATION
EQ20			844116.0025	1702228.9557	926.79
205		GPS U4758-205	843400.8966	1702329.6095	920.58
206		GPS U4758-206	842164.9902	1702965.9670	896.90

BY7	POINT	DESC.	NORTH	EAST	ELEVATION
109		BY7-109	844911.9718	1702091.1312	939.73
EQ21			844854.5099	1702469.9340	932.30

BY8	POINT	DESC.	NORTH	EAST	ELEVATION
110		BY8-110	846014.4027	1702055.0540	941.89
111		BY8-111	845976.1109	1702474.9850	937.94
EQ23			845950.7937	1702983.5074	937.01

BY8A	POINT	DESC.	NORTH	EAST	ELEVATION
118		BY8A-118	847558.5599	1703779.8538	902.71
119		BY8A-119	846920.4091	1703756.2668	939.72
EQ25			846636.7328	1703969.5770	943.07

BY9	POINT	DESC.	NORTH	EAST	ELEVATION
EQ26			846941.0171	1704514.3371	944.72
112		BY9-112	846439.5859	1704558.1817	936.07
113		BY9-113	845923.4786	1704510.9986	930.80

BY10	POINT	DESC.	NORTH	EAST	ELEVATION
EQ207			848020.8585	1705834.1543	957.96
208		GPS U4758-208	847040.6594	1706191.3248	935.75

BY11	POINT	DESC.	NORTH	EAST	ELEVATION
EQ215			848592.2787	1706360.4783	959.80
114		BY11-114	848236.4588	1706628.8133	952.47
115		BY11-115	847918.3516	1707010.0542	956.70

BY12	POINT	DESC.	NORTH	EAST	ELEVATION
EQ32			849886.9607	1706854.3700	956.91
116		BY12-116	850265.2150	1707208.8301	965.00
117		BY12-117	850533.7466	1707642.9463	947.37

BY16	POINT	DESC.	NORTH	EAST	ELEVATION
EQ36			851648.1925	1706383.8743	953.17
123		BY16-123	851706.9901	1706746.6305	952.34
124		BY16-124	851678.7893	1707475.5260	961.74
125		BY16-125	851659.6257	1707909.6419	957.48
220		BY16-220	851598.7924	1708486.3029	955.19
221		BY16-221	851621.4721	1708927.2249	950.78

BY16A	POINT	DESC.	NORTH	EAST	ELEVATION
EQ37			852159.9507	1706063.1686	952.89
126		BY16A-126	852386.0722	1706470.9532	949.48
127		BY16A-127	852301.8136	1707118.4620	933.54
216		BY16A-216	852518.2825	1707545.6740	942.87
217		BY16A-217	852472.6018	1707929.7029	940.02
218		BY16A-218	852213.6514	1708050.7468	944.48
219		BY16A-219	851953.2133	1707626.6142	958.65

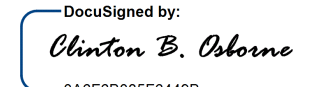
BY16B	POINT	DESC.	NORTH	EAST	ELEVATION
EQ217			852472.6018	1707929.7029	940.02
222		I-5712 BY4-132	852872.2880	1708026.4940	921.77
223		I-5712 BY4-133	852707.9807	1708441.1035	923.70

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:

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 Type of GPS field procedure: Static
 Dates of survey: 3/1/2017 to 3/10/2017
 Datum/Epoch: NAD83 NA2011
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This 2nd day of September, 2024

DocuSigned by:

 0A6F6B085F6449B
 Professional Land Surveyor L-3834

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.

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. U-4758	SHEET NO. RW02C-7
Location and Surveys	
 Stantec <small>ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com</small>	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

.....
 BM1 ELEVATION = 871.52
 N 833041 E 1698524
 BL STATION 6+87.00 280 LEFT
 SCRIBED "X" IN TOP BACK OF CURB

.....
 BM6 ELEVATION = 872.71
 N 840367 E 1701014
 BL STATION 90+33.00 202 RIGHT
 RAILROAD SPIKE SET IN 24' MAPLE TREE

.....
 BM11 ELEVATION = 954.83
 N 848094 E 1706532
 BY11 STATION 10+69.00 171 RIGHT
 RAILROAD SPIKE SET IN 24' OAK TREE

.....
 BM2 ELEVATION = 873.97
 N 835366 E 1697986
 BL STATION 30+11.00 318 RIGHT
 RAILROAD SPIKE SET IN 48' OAK TREE

.....
 BM7 ELEVATION = 919.07
 N 842882 E 1701049
 BL STATION 114+79.00 432 LEFT
 SCRIBED "X" IN TOP BACK OF CURB

.....
 BM12 ELEVATION = 948.01
 N 849485 E 1707061
 BL STATION 206+56.00 336 RIGHT
 RAILROAD SPIKE SET IN 36' OAK TREE

.....
 BM3 ELEVATION = 841.18
 N 836632 E 1698925
 BL STATION 45+32.00 438 LEFT
 SCRIBED "X" IN TOP BACK OF CURB

.....
 BM8 ELEVATION = 921.53
 N 844477 E 1702619
 BL STATION 136+97.00 259 RIGHT
 RAILROAD SPIKE SET IN 15' OAK TREE

.....
 BM13 ELEVATION = 944.39
 N 851738 E 1706018
 BL STATION 231+97.00 262 LEFT
 RAILROAD SPIKE SET IN 16' MAPLE TREE

.....
 BM4 ELEVATION = 808.64
 N 837320 E 1700472
 BL STATION 60+60.00 274 RIGHT
 RAILROAD SPIKE SET IN 16' CEDAR TREE

.....
 BM9 ELEVATION = 933.53
 N 846121 E 1703672
 BL STATION 158+83.00 255 RIGHT
 RAILROAD SPIKE SET IN 20' MAPLE TREE

.....
 BM14 ELEVATION = 972.56
 N 853379 E 1705445
 BL STATION 248+57.00 186 LEFT
 SCRIBED "X" IN CONCRETE CURB OF WASHBASIN

.....
 BM5 ELEVATION = 851.67
 N 838672 E 1700330
 BL STATION 72+96.00 394 LEFT
 SCRIBED "X" IN TOP BACK OF CURB

.....
 BM10 ELEVATION = 949.33
 N 847097 E 1705421
 BL STATION 178+25.00 247 RIGHT
 RAILROAD SPIKE SET IN 18' MAPLE TREE

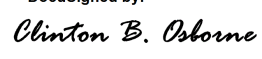
.....
 BM15 ELEVATION = 957.19
 N 851658 E 1708468
 BY16 STATION 25+87.00 57 LEFT
 RR SPIKE IN 16' PINE

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: 3/1/2017 to 3/10/2017
 Datum/Epoch: NAD83 NA2011
 Published/Fixed-control use: NCGS 616E-200
 Localized around: NCGS 616E-200
 Northing: 855280.10'
 Easting: 1707247.73'
 Combined grid factor: 0.999940733
 Geoid model: 12A
 Units: US Survey Feet

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 3/14/2017 to 4/13/2017, 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 2nd day of September, 2024

DocuSigned by:

 Clinton B. Osborne
CLB060805F6448B
 Professional Land Surveyor L-3834

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.

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW02C-B

Location and Surveys



PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	832865.608	1698769.205	N 07°49'22.5" W	717.26	34°33'22.9" (L T)	04°44'42.5"	728.25	375.58	1207.46
CURVE	833576.191	1698671.578	N 25°06'03.9" W	195.81					
PT									
PC	833753.506	1698588.513	N 25°58'56.2" W	246.07	01°45'44.6" (L T)	00°42'58.3"	246.08	123.05	8000.00
CURVE	833974.703	1698480.713	N 26°51'48.5" W	43.35					
PT									
PC	834013.377	1698461.123	N 24°07'52.3" W	273.13	05°27'52.5" (R T)	02°00'00.0"	273.23	136.72	2864.79
CURVE	834262.634	1698349.462	N 21°23'56.1" W	106.81					
PT									
PC	834362.077	1698310.494	N 19°42'41.6" W	263.13	03°22'29.0" (R T)	01°16'56.3"	263.17	131.62	4468.14
CURVE	834609.792	1698221.742	N 11°55'07.0" W	161.67	12°12'40.2" (R T)	07°32'20.1"	161.97	81.30	760.00
PT									
PC	834767.976	1698188.354	N 00°12'58.7" W	121.91	11°11'36.5" (R T)	09°10'02.4"	122.10	61.25	625.00
CURVE	834889.883	1698187.894	N 08°35'26.7" E	123.20	06°25'14.2" (R T)	05°12'31.3"	123.27	61.70	1100.00
PT									
PC	835011.703	1698206.297	N 23°45'35.5" E	277.66	23°55'03.5" (R T)	08°33'05.8"	279.69	141.91	670.00
CURVE	835265.829	1698318.167	N 37°51'20.6" E	111.87	04°16'26.6" (R T)	03°49'11.0"	111.89	55.97	1500.00
PT									
PC	835354.155	1698386.818	N 11°16'26.6" E	116.99					
CURVE	835443.785	1698462.008	N 40°35'25.7" E	104.32	01°11'43.5" (R T)	01°08'45.3"	104.32	52.16	5000.00
PT									
PC	835523.003	1698529.883	N 41°11'17.4" E	133.28					
CURVE	835623.304	1698617.652	N 40°56'14.3" E	17.51	00°30'06.3" (L T)	02°51'53.2"	17.51	8.76	2000.00
PT									
PC	835636.534	1698629.128	N 40°41'11.2" E	864.49					
CURVE	836292.067	1699192.705	N 39°27'32.1" E	214.22	02°27'18.1" (L T)	01°08'45.3"	214.24	107.14	5000.00
PT									
PC	836457.465	1699328.050	N 38°13'53.1" E	160.18					
CURVE	836583.290	1699427.976	N 37°46'28.8" E	15.94	00°54'48.7" (L T)	05°43'46.5"	15.94	7.97	1000.00
PT									
PC	836595.892	1699437.742	N 37°19'04.4" E	233.45					
CURVE	836781.548	1699579.266	N 41°56'36.2" E	346.76	09°15'03.6" (R T)	02°39'53.7"	347.14	173.95	2150.00
PT									
PC	837039.472	1699811.041	N 46°34'08.0" E	166.40					
CURVE	837153.868	1699931.879	N 46°50'16.3" E	18.78	00°32'16.6" (R T)	02°51'53.2"	18.78	9.39	2000.00
PT									
PC	837166.713	1699945.576	N 47°06'24.6" E	386.95					
CURVE	837429.673	1700228.622	N 46°03'26.2" E	146.54	02°05'56.8" (L T)	01°25'56.6"	146.55	73.28	4000.00
PT									
PC	837531.360	1700334.134	N 42°14'53.5" E	91.47	05°31'08.7" (L T)	06°01'52.1"	91.51	45.79	950.00
CURVE	837599.073	1700395.636	N 38°03'28.3" E	97.38	02°51'41.5" (L T)	02°56'17.7"	97.39	48.70	1950.00
PT									
PC	837675.749	1700455.666	N 29°57'32.0" E	303.07	13°20'11.2" (L T)	04°23'25.7"	303.76	152.57	1305.00
CURVE	837938.326	1700607.014	N 19°40'30.4" E	208.10	07°13'51.9" (L T)	03°28'20.9"	208.24	104.26	1650.00
PT									
PC	838134.279	1700677.079	N 11°09'08.7" E	222.41	09°48'51.6" (L T)	04°24'26.5"	222.68	111.61	1300.00
CURVE	838352.487	1700720.097	N 06°14'42.9" E	39.18					
PT									
PC	838391.436	1700724.360	N 05°51'47.2" E	53.35	00°45'51.2" (L T)	01°25'56.6"	53.35	26.68	4000.00
CURVE	838444.510	1700729.810	N 05°28'51.6" E	28.19					
PT									
PC	838472.573	1700732.503	N 06°02'32.7" E	293.95	01°07'22.1" (R T)	00°22'55.1"	293.95	146.98	15000.00
CURVE	838764.888	1700763.445	N 06°36'13.8" E	393.46					
PT									
PC	839155.732	1700808.694	N 06°07'27.3" E	83.70	00°57'32.9" (L T)	01°08'45.3"	83.70	41.85	5000.00
CURVE	839238.953	1700817.623	N 05°38'40.9" E	443.17					
PT									
PC	839679.977	1700861.213	N 04°42'52.1" E	113.64	01°51'37.6" (L T)	01°38'13.3"	113.65	56.83	3500.00
CURVE	839793.236	1700870.554	N 00°27'48.9" E	150.00	06°38'28.7" (L T)	04°24'26.5"	150.69	75.43	1300.00
PT									
PC	839943.834	1700871.772	N 05°14'50.1" W	191.84	04°46'49.9" (L T)	02°29'28.0"	191.90	96.00	2300.00
CURVE	840134.870	1700854.228	N 07°38'14.7" W	431.80					
PT									
PC	840562.844	1700796.839	N 05°53'11.2" W	262.78	03°30'07.1" (R T)	01°19'56.9"	262.82	131.45	4300.00
CURVE	840824.237	1700769.889	N 03°38'44.3" W	29.07	00°58'46.6" (R T)	03°22'13.2"	29.07	14.53	1700.00
PT									
PC	840853.244	1700768.041	N 02°43'17.8" W	15.16	00°52'06.4" (R T)	05°43'46.5"	15.16	7.58	1000.00
CURVE	840868.384	1700767.321	N 03°23'59.3" E	421.16	11°22'27.7" (R T)	02°41'46.6"	421.85	211.62	2125.00
PT									
PC	841288.805	1700792.298	N 09°05'13.1" E	483.45					
CURVE	841766.192	1700868.651	N 09°38'52.2" E	170.32	01°07'18.2" (R T)	00°39'30.9"	170.33	85.17	8700.00
PT									
PC	841934.107	1700897.196	N 13°38'54.9" E	135.00	06°52'47.1" (R T)	05°05'34.6"	135.08	67.62	1125.00
CURVE	842065.297	1700929.052	N 30°30'09.0" E	194.87	26°49'41.3" (R T)	13°38'30.7"	196.66	100.17	420.00
PT									
PC	842233.197	1701027.963	N 43°54'59.7" E	68.06					
CURVE	842282.225	1701075.170	N 44°44'00.3" E	85.54	01°38'01.2" (R T)	01°54'35.5"	85.54	42.77	3000.00
PT									
PC	842342.988	1701135.371	N 45°33'00.8" E	501.98					
CURVE	842694.520	1701493.720	N 34°13'37.6" E	490.85	22°38'46.5" (L T)	04°35'01.2"	494.06	250.30	1250.00
PT									
PC	843100.366	1701769.814	N 22°54'14.4" E	2781.28					
CURVE	845662.342	1702852.245	N 26°23'06.4" E	170.01	06°57'44.1" (R T)	04°05'33.2"	170.12	85.16	1400.00
PT									
PC	845814.646	1702927.800	N 42°30'04.7" E	288.74	25°16'12.5" (R T)	08°40'52.2"	291.09	147.95	660.00
CURVE	846027.521	1703122.873	N 55°08'10.9" E	1170.12					
PT									
PC	846696.393	1704082.977	N 61°15'27.1" E	378.54	12°14'32.3" (R T)	03°13'48.5"	379.26	190.36	1775.00
CURVE	846878.424	1704414.877	N 67°22'43.2" E	127.53					
PT									
PC	846927.475	1704532.592	N 67°37'58.1" E	88.70	00°30'29.6" (R T)	00°34'22.6"	88.70	44.35	10000.00
CURVE	846961.230	1704614.622	N 67°53'12.9" E	346.46					
PT									
PC	847091.650	1704935.597	N 65°45'25.0" E	148.67	04°15'35.8" (L T)	02°51'53.2"	148.70	74.38	2000.00
CURVE	847152.694	1705071.152	N 63°37'37.0" E	4.52					
PT									
PC	847154.700	1705075.198	N 56°34'26.9" E	120.33	14°06'20.2" (L T)	11°41'34.9"	120.63	60.62	490.00
CURVE	847220.984	1705175.624	N 43°01'57.9" E	178.55	12°58'37.9" (L T)	07°15'09.5"	178.93	89.85	790.00
PT									
PC	847351.496	1705297.469	N 36°32'38.9" E	92.67					
CURVE	847425.950	1705322.651	N 36°15'14.4" E	30.38	00°34'49.0" (L T)	01°54'35.5"	30.38	15.19	3000.00
PT									
PC	847450.451	1705370.618	N 35°57'49.9" E	236.05					
CURVE	847641.506	1705509.244	N 41°16'57.6" E	295.71	10°38'15.5" (R T)	03°35'32.0"	296.13	148.49	1595.00
PT									
PC	847863.718	1705704.343	N 46°36'05.4" E	433.58					
CURVE	848161.618	1706019.380	N 38°01'46.8" E	283.19	17°08'37.1" (L T)	06°01'52.1"	284.25	143.20	950.00
PT									
PC	848384.687	1706193.846	N 29°27'28.3" E	126.35					
CURVE	848494.704	1706255.984	N 27°31'06.6" E	676.83	03°52'43.3" (L T)	00°34'22.6"	676.96	338.61	10000.00
PT									
PC	849094.959	1706568.704							

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
LINE	849226.621	1706631.727	N 25°34'45.0" E	145.97					
CURVE	849419.886	1706715.787	N 23°34'24.6" E	209.99	04°00'40.7" (L T)	01°54'35.5"	210.03	105.06	3000.00
PT									
LINE	849506.781	1706750.370	N 21°34'04.2" E	94.30					
CURVE	849570.651	1706775.113	N 21°10'31.4" E	68.50	00°47'05.7" (L T)	01°08'45.3"	68.50	34.25	5000.00
PT									
LINE	849685.362	1706878.246	N 20°46'58.6" E	158.05					
CURVE	849718.415	1706883.193	N 15°39'05.0" E	174.41	10°15'47.2" (L T)	05°52'3			

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW02C-9
Location and Surveys	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR  CLINTON B. OSBORNE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EY3									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	841733.376	1700010.977							
LINE	841902.852	1700391.757	N 66°00'26.3" E	416.79					
PC									
CURVE	841951.572	1700517.869	N 68°52'38.8" E	135.20	05°44'25.0"(RT)	04°14'38.9"	135.25	67.68	1350.00
PCC									
CURVE	841961.451	1700589.081	N 82°06'07.1" E	71.89	20°42'31.6"(RT)	28°38'52.4"	72.29	36.54	200.00
PT									
LINE	841956.031	1700715.427	S 07°32'37.1" E	126.46					
PC									
CURVE	841952.940	1700753.480	S 85°21'20.3" E	38.18	04°22'33.7"(RT)	11°27'33.0"	38.19	19.10	500.00
P									
LINE	841935.686	1700897.482	S 83°10'03.4" E	145.03					
POT									

EY3A									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	841940.874	1700898.436							
LINE	841886.677	1701116.495	S 76°02'32.2" E	224.69					
PC									
CURVE	841873.903	1701187.515	S 79°48'12.9" E	72.16	07°31'21.4"(L)	10°25'02.7"	72.21	36.16	550.00
PT									

EY4									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	842895.515	1701042.587							
LINE	842879.002	1701104.366	S 75°02'05.9" E	63.95	06°58'59.7"(RT)	10°54'48.5"	63.99	32.03	525.00
PC									
CURVE	842735.679	1701533.792	S 71°32'36.0" E	452.71					
P									
LINE									
POT									

EY5									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	843650.653	1701465.313							
LINE	843466.057	1701737.155	S 55°49'16.3" E	328.59					
PC									
CURVE	843382.960	1701889.209	S 61°20'36.9" E	173.28	13°12'50.6"(L)	07°36'32.4"	173.66	87.22	753.00
PT									

EY5A									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	843377.694	1701509.317							
LINE	843431.263	1701519.188	N 10°26'23.3" E	54.47					
PC									
CURVE	843539.985	1701563.364	N 22°06'48.1" E	117.35	23°20'49.4"(RT)	19°45'25.8"	118.17	59.92	290.00
PT									
LINE	843571.541	1701584.479	N 33°47'12.8" E	37.97					
POT									

EY5B									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	843571.541	1701584.479							
LINE	843605.148	1701606.766	N 33°47'12.8" E	40.44					
PC									
CURVE	843651.458	1701624.001	N 20°11'48.8" E	49.34	27°10'48.0"(L)	54°34'02.7"	49.81	25.38	105.00
PT									
LINE	843732.257	1701633.360	N 06°36'24.7" E	81.34					
PC									
CURVE	843786.388	1701628.621	N 05°00'11.7" W	54.34	23°13'12.8"(L)	42°26'28.7"	54.71	27.74	135.00
PT									

EY6									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	844132.086	1702205.714							
LINE	843758.726	1702274.478	S 10°26'08.1" E	379.64					
PC									
CURVE	843637.398	1702299.949	S 11°51'22.9" E	123.97	02°50'29.5"(L)	02°17'30.6"	123.99	62.01	2500.00
PCC									
CURVE	843532.096	1702330.989	S 16°25'25.3" E	109.78	06°17'35.3"(L)	05°43'46.5"	109.84	54.97	1000.00
PC									
CURVE	843470.591	1702355.868	S 22°01'24.7" E	66.35	04°54'23.4"(L)	07°23'34.8"	66.37	33.20	775.00
PCC									
CURVE	843335.090	1702420.954	S 25°39'24.1" E	150.32	02°21'35.5"(L)	01°34'11.1"	150.33	75.18	3650.00
PT									
LINE	842780.661	1702701.461	S 26°50'11.8" E	621.35					
PC									
CURVE	842541.023	1702802.986	S 22°57'37.8" E	260.26	07°45'08.0"(RT)	02°58'35.1"	260.46	130.43	1925.00
P									
LINE	842123.707	1702947.368	S 19°05'03.9" E	441.59					
POT									

EY6A									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	843853.573	1702257.009							
LINE	843879.870	1702326.642	N 69°18'40.6" E	74.43					
PC									
CURVE	843941.665	1702416.015	N 55°21'09.1" E	108.66	27°56'43.1"(L)	25°27'53.2"	109.74	55.98	225.00
PCC									
CURVE	843983.333	1702460.008	N 46°33'17.3" E	60.59	10°22'39.5"(RT)	17°05'11.6"	60.68	30.42	335.00
PT									

EY7									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	844801.411	1701965.581							
LINE	844833.352	1702003.302	N 49°44'34.7" E	49.43					
PC									
CURVE	844880.582	1702314.330	N 81°21'56.2" E	314.59	63°14'43.0"(RT)	19°05'54.9"	331.15	184.72	300.00
P									
LINE	844805.889	1702490.395	S 67°00'42.3" E	191.25					
POT									

EY7A				
POINT	N	E	BEARING	DIST
POT	844876.659	1702071.158		
LINE	845116.092	1701948.523	N 28°37'01.3" W	272.75
POT				

EY7B				
POINT	N	E	BEARING	DIST
POT	844893.467	1702277.443		
LINE	845073.741	1702327.814	N 15°36'40.7" E	187.18
POT				

EY7C				
POINT	N	E	BEARING	DIST
POT	845772.398	1702437.180		
LINE	845996.877	1702443.862	N 01°42'18.7" E	224.58
POT				

EY7D				
POINT	N	E	BEARING	DIST
POT	845780.298	1702643.373		
LINE	845780.298	1702643.373	S 88°17'41.3" E	205.87
POT				

EY8									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	846026.802	1702064.592							
LINE	846020.657	1702117.427	S 83°21'55.3" E	53.19					
PC									
CURVE	845995.639	1702499.288	S 86°15'05.7" E	382.68	05°46'20.7"(L)	01°30'28.0"	382.84	191.58	3800.00
PT									
LINE	845987.042	1703070.566	S 89°08'16.1" E	571.34					
POT									

EY8A									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	847466.844	1703786.230							
LINE	847339.333	1703775.062	S 05°00'19.6" W	128.00					
PC									
CURVE	847206.535	1703765.408	S 04°09'28.0" W	133.15	01°41'43.3"(L)	01°16'23.7"	133.15	66.58	4500.00
PT									
LINE	847161.617	1703762.810	S 03°18'36.4" W	44.99					
PC									
CURVE	846982.284	1703765.865	S 00°58'32.8" E	179.36	08°34'18.3"(L)	04°46'28.7"	179.53	89.93	1200.00
PCC									
CURVE	846946.157	1703770.861	S 07°52'28.5" E	36.47	05°13'33.1"(L)	14°19'26.2"	36.48	18.25	400.00
PC									
CURVE	846886.361	1703785.133	S 13°25'26.7" E	61.48	05°52'23.3"(L)	09°32'57.5"	61.50	30.78	600.00
PCC									
CURVE	846820.274	1703805.531	S 17°09'11.6" E	69.16	01°35'06.5"(L)	02°17'38.6"	69.16	34.58	2500.00
PC									
CURVE	846754.134	1703833.160	S 22°48'						

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EY11									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	848690.071	1706363.473							
LINE			S 30°48'51.8" E	262.45					
PC	848464.671	1706497.915	S 32°01'02.9" E	83.99	02°24'22.2"(L)	02°51'53.2"	83.99	42.00	2000.00
CURVE	848393.461	1706542.442	S 33°13'14.0" E	87.26					
PT									
LINE	848320.460	1706590.250	S 35°18'55.0" E	160.83	04°11'22.0"(L)	02°36'15.7"	160.86	80.47	2200.00
PC	848189.228	1706683.220	S 42°03'43.0" E	115.98	09°18'14.1"(L)	08°00'48.2"	116.10	58.18	715.00
CURVE	848103.124	1706760.917	S 49°45'46.6" E	103.72	06°05'53.0"(L)	05°52'35.4"	103.77	51.93	975.00
PT	848036.125	1706840.096	S 59°26'40.8" E	192.89	13°15'55.4"(L)	06°51'42.4"	193.32	97.10	835.00
POT	847938.065	1707006.202							

EY11A									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	848986.809	1706516.134							
LINE			S 62°33'29.5" E	190.22					
PC	848899.148	1706684.948	S 65°36'38.3" E	85.20	06°06'17.6"(L)	07°09'43.1"	85.24	42.66	800.00
CURVE	848863.966	1706762.544							
PT									

EY11B				
POINT	N	E	BEARING	DIST
POT	848750.373	1706665.908		
LINE			N 34°16'33.4" E	144.81
POT	848870.035	1706747.462		

EY11C									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	848926.606	1706053.614							
LINE			S 46°57'18.6" E	182.08					
PC	848802.321	1706186.684	S 54°22'45.6" E	129.21	14°50'54.0"(L)	11°27'33.0"	129.58	65.15	500.00
CURVE	848727.064	1706291.721	S 61°48'12.6" E	80.72					
PT	848688.926	1706362.859							

EY12									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	849967.981	1706893.403							
LINE			S 78°47'23.7" E	27.54					
PC	849962.627	1706920.416	N 72°40'16.7" E	81.22	57°04'39.1"(L)	67°24'24.5"	84.68	46.23	85.00
CURVE	849986.818	1706997.948	N 41°12'47.7" E	40.74	05°50'19.0"(L)	14°19'26.2"	40.76	20.40	400.00
PT	850017.468	1707024.793	N 38°17'38.2" E	151.85					
LINE	850136.646	1707118.894	N 40°08'20.9" E	128.80	03°41'25.5"(R)	02°51'53.2"	128.82	64.43	2000.00
PC	850235.109	1707201.922	N 50°17'23.0" E	277.34	16°36'38.6"(R)	05°58'05.9"	278.32	140.14	960.00
CURVE	850412.305	1707415.277	N 61°45'28.1" E	66.21	06°19'31.8"(R)	09°32'57.5"	66.24	33.15	600.00
PT	850443.634	1707473.602							
LINE	850464.769	1707518.764	N 64°55'14.0" E	49.86					
PC	850487.537	1707570.561	N 66°16'17.1" E	56.58	02°42'06.2"(R)	04°46'28.7"	56.58	28.30	1200.00
CURVE	850536.683	1707689.930	N 67°37'20.2" E	129.09					
PT	850557.792	1707742.030	N 68°15'59.2" E	263.46	00°38'39.0"(R)	01°08'45.3"	56.21	28.11	5000.00
POT	850555.348	1707986.759							

EY13									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	850849.012	1706936.696							
LINE			N 62°01'49.3" E	104.25					
PC	850897.904	1707028.768	N 72°24'14.6" E	99.04	20°44'50.6"(R)	20°50'05.4"	99.58	50.34	275.00
CURVE	850927.844	1707123.171	N 82°46'39.9" E	61.74					
PT	850935.605	1707184.417							

EY14				
POINT	N	E	BEARING	DIST
POT	851414.229	1706265.787		
LINE			N 82°07'40.8" E	283.27
POT	851453.025	1706546.387		

EY15				
POINT	N	E	BEARING	DIST
POT	851709.655	1706004.394		
LINE			S 08°23'54.6" E	383.23
POT	851698.945	1706387.476		

EY16									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	851702.484	1706385.188							
LINE			S 88°00'10.1" E	1042.27					
PC	851666.160	1707426.823	S 87°41'55.7" E	99.22	00°34'06.6"(R)	00°34'22.6"	99.22	49.61	10000.00
CURVE	851662.176	1707525.964	S 87°24'52.4" E	332.79					
PT									
LINE	851647.165	1707858.413	S 87°10'18.7" E	33.89	00°29'07.4"(R)	01°25'56.6"	33.89	16.94	4000.00
PC	851645.493	1707892.257	S 86°55'45.1" E	211.50					
CURVE	851634.163	1708103.454	S 87°16'33.4" E	90.78	00°41'36.7"(L)	00°45'50.2"	90.78	45.39	7500.00
PT	851629.848	1708194.135	S 87°17'58.4" E	101.53	00°38'46.9"(R)	00°38'11.8"	101.53	50.77	9000.00
CURVE	851625.065	1708295.552	S 86°58'34.9" E	570.65					
PT	851594.964	1708865.408	S 87°31'23.5" E	114.52	01°05'37.1"(L)	00°57'17.7"	114.53	57.26	6000.00
POT	851590.015	1708979.825							

EY17									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	852628.065	1703928.522							
LINE			N 81°00'07.5" E	686.92					
PC	852735.498	1704606.992	N 87°59'19.7" E	464.63	13°58'24.3"(R)	03°00'00.0"	465.78	234.05	1909.86
CURVE	852751.804	1705071.333	S 85°01'28.2" E	264.29					
PT									
LINE	852728.883	1705334.622	S 83°48'48.3" E	283.26	02°25'35.8"(R)	00°51'23.8"	283.28	141.66	6688.72
PC	852698.346	1705616.234	S 82°35'52.3" E	26.16					
CURVE	852694.976	1705642.173	S 81°40'57.2" E	31.96	01°49'51.5"(R)	05°43'46.5"	31.96	15.98	1000.00
PT	852690.353	1705673.792	S 80°46'01.1" E	199.06					
POT	852658.414	1705870.275							

EY18									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	853742.951	1703979.615							
LINE			S 65°28'51.6" E	151.35					
PC	853680.140	1704117.320	S 65°55'19.9" E	25.97	00°52'56.6"(L)	03°23'50.4"	25.97	12.99	1686.50
CURVE	853669.544	1704141.033	S 66°21'48.2" E	435.95					
PT									
LINE	853494.756	1704540.411	S 73°31'21.2" E	348.94	14°19'06.0"(L)	04°05'33.9"	349.85	175.84	1399.94
PC	853395.784	1704875.018	S 80°48'54.2" E	255.21					
CURVE	853354.461	1705126.861	S 80°53'48.3" E	53.29	00°25'48.1"(L)	00°48'24.9"	53.29	26.65	7100.59
PT	853346.029	1705179.484	S 81°06'42.3" E	229.85					
LINE	853310.515	1705408.576	S 81°52'41.3" E	74.75	01°31'57.9"(L)	02°03'01.1"	74.76	37.38	2794.50
PC	853299.954	1705480.581	S 82°38'48.2" E	222.75					
CURVE									
PT	853271.436	1705701.494							

EY18A			
POINT	N	E	BEARING
POT	853726.082	1704016.599	
LINE			S 04°35'10.1" W
POT	852470.707	1703915.900	

EY19			
POINT	N	E	BEARING
POT	853527.265	1705639.086	
LINE			N 85°00'16.4" E
POT	853551.161	1705912.470	

EY20									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	853572.139	1705380.487							
LINE			S 73°00'28.6" E	21.20					
PC	853565.989	1705400.781	S 81°46'34.5" E	240.22	17°16'11.9"(L)	07°09'43.1"	241.13	121.49	800.00
CURVE	853531.620	1705638.533							
PT									

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: 3/1/2017 to 3/10/2017
 Datum/Epoch: NAD83 NA2011
 Published/Fixed-control use: NCGS 616E-200
 Localized around: NCGS 616E-200
 Northing: 855280.10'
 Easting: 1707247.73'
 Combined grid factor: 0.999940733
 Geoid model: 12A
 Units: US Survey Feet

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 3/14/2017 to 4/13/2017, 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 2nd day of September, 2024

DocuSigned by:
Clinton B. Osborne
 0A9F8085F6449B
 Professional Land Surveyor L-3834

NOTES:

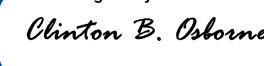
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. U-4758	SHEET NO. RW02D-1
Location and Surveys	
 <p>Stantec ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com</p>	
	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	

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 2nd day of September, 2024.

DocuSigned by:

 CLINTON B. OSBORNE
 Professional Land Surveyor L-3834

L		N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	833575.228	1698672.171	N 25°07'31.4" W	885.65					
18+85.65	PC	834377.077	1698296.125	N 07°19'44.1" E	998.13	64°54'30.9"(RT)	06°09'39.0"	1053.57	591.43	930.00
29+39.22	PT	835367.048	1698423.451	N 39°46'59.6" E	1790.17					
47+29.39	PC	836742.743	1699568.954	N 43°25'16.5" E	253.81	07°16'33.9"(RT)	02°51'53.2"	253.98	127.16	2000.00
49+83.37	PT	836927.092	1699743.414	N 47°03'33.4" E	889.88					
58+73.25	PC	837533.314	1700394.858	N 26°28'04.2" E	844.08	41°10'58.4"(LT)	04°46'28.7"	862.53	450.85	1200.00
67+35.78	PT	838288.926	1700771.062	N 05°52'35.0" E	1237.45					
79+73.23	PC	839519.876	1700897.756	N 03°02'13.6" W	557.80	17°49'37.3"(LT)	03°10'59.2"	560.05	282.31	1800.00
85+33.29	PT	840076.888	1700868.203	N 11°57'02.2" W	338.79					
88+72.08	PC	840408.335	1700798.050	N 04°50'56.2" E	1474.02	33°35'56.7"(RT)	02°14'48.8"	1495.36	769.87	2550.00
103+67.43	PT	841077.083	1700922.647	N 31°51'00.6" E	602.19	20°24'12.1"(RT)	03°22'13.2"	605.38	305.93	1700.00
109+72.81	PC	842388.599	1701240.421	N 42°03'06.6" E	391.21					
113+64.03	PT	842679.091	1701502.457	N 32°19'29.0" E	405.49	19°27'15.2"(LT)	04°46'28.7"	407.45	205.70	1200.00
117+71.48	PC	843021.746	1701719.282	N 22°35'51.4" E	1075.15					
128+46.62	PT	844014.350	1702132.415	N 23°08'32.0" E	142.57	01°05'21.1"(RT)	00°45'50.2"	142.57	71.29	7500.00
129+89.20	PC	844145.449	1702188.447	N 23°41'12.5" E	1485.87					
144+75.07	PT	845506.141	1702785.375	N 37°33'54.3" E	719.58	27°45'23.5"(RT)	03°49'11.0"	726.66	370.61	1500.00
152+01.73	PC	846076.524	1703224.076	N 51°26'36.0" E	946.39					
161+48.12	PT	846666.398	1703964.145	N 60°33'59.5" E	554.95	18°14'46.9"(RT)	03°16'26.6"	557.30	281.03	1750.00
167+05.43	PC	846939.109	1704447.468	N 69°41'22.9" E	486.33					
171+91.76	PT	847107.917	1704903.565	N 52°53'07.5" E	537.73	33°36'30.8"(LT)	06°09'39.0"	545.52	280.86	930.00
177+37.28	PC	847432.391	1705332.369	N 36°04'52.2" E	260.58					
179+97.86	PT	847642.988	1705485.833	N 41°18'41.9" E	328.19	10°27'39.6"(RT)	03°10'59.2"	328.64	164.78	1800.00
183+26.50	PC	847889.498	1705702.486	N 46°32'31.7" E	375.24					
187+01.75	PT	848147.599	1705974.869	N 37°33'29.3" E	374.78	17°58'04.8"(LT)	04°46'28.7"	376.32	189.72	1200.00
190+78.07	PC	848444.701	1706203.323	N 28°34'26.9" E	1218.66					
202+96.72	PT	849514.923	1706786.200	N 02°11'46.6" W	1739.44	61°32'27.0"(LT)	03°22'13.2"	1825.95	1012.21	1700.00
221+22.68	PC	851253.083	1706719.540	N 32°58'00.0" W	1263.33					
233+86.01	PT	852313.003	1706032.097	N 24°15'45.7" W	423.72	17°24'28.7"(RT)	04°05'33.2"	425.36	214.33	1400.00
238+11.37	PC	852699.298	1705857.980	N 15°33'31.4" W	684.75					
244+96.12	PT	853358.957	1705674.312	N 07°00'51.2" W	326.87	17°05'20.3"(RT)	05°12'31.3"	328.08	165.27	1100.00
248+24.20	PC	853683.381	1705634.396	N 01°31'48.9" E	384.65					
252+08.85	POT	854067.892	1705644.668							

L1		N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	852699.298	1705857.980	N 15°33'31.4" W	683.77					
16+83.77	PC	853358.014	1705674.575	N 07°02'44.2" W	325.68	17°01'34.4"(RT)	05°12'31.3"	326.88	164.65	1100.00
20+10.65	PT	853681.234	1705634.627	N 01°28'03.1" E	524.17					
25+34.83	POT	854205.237	1705648.052							

Y2		N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	836419.023	1698819.546	S 68°53'05.0" E	206.85					
12+06.85	PC	836344.506	1699012.509	S 59°01'06.9" E	102.81	19°43'56.2"(RT)	19°05'54.9"	103.32	52.18	300.00
13+10.17	PT	836291.584	1699100.650	S 49°09'08.8" E	71.20					
13+81.37	POT	836245.015	1699154.510							

Y3		N	E	BEARING	DIST
10+00.00	POT	838597.247	1700802.796	N 84°07'25.0" W	147.76
11+47.76	POT	838612.374	1700655.816		

Y4		N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	839728.475	1700614.958	N 79°48'31.3" E	183.34					
11+83.34	PC	839760.916	1700795.410	N 83°59'32.3" E	78.79	08°22'01.9"(RT)	10°36'37.2"	78.86	39.50	540.00
12+62.20	PT	839769.162	1700873.766	N 88°10'33.2" E	32.25					
12+94.46	POT	839770.189	1700906.004							

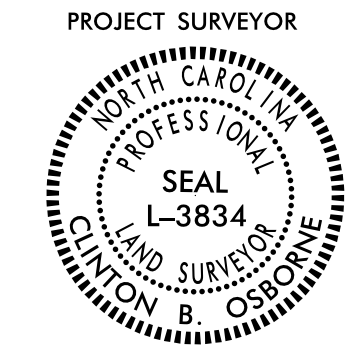
NOTES:

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.

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW02D-2

Location and Surveys



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 2nd day of September, 2024.
 Digitally signed by: Clinton B. Osborne
 Professional Land Surveyor L-3834

STATION		POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT		841733.376	1700010.977							
	LINE				N 66°00'26.3" E	473.22					
14+73.22	PC		841925.798	1700443.312							
	CURVE				N 79°13'54.6" E	183.01	26°26'56.5"(RT)	14°19'26.2"	184.65	94.00	400.00
16+57.87	PT		841959.991	1700623.103							
	LINE				S 87°32'37.1" E	73.31					
17+31.18	PC		841956.850	1700696.341							
	CURVE				S 85°21'20.3" E	76.36	04°22'33.7"(RT)	05°43'46.5"	76.38	38.21	1000.00
18+07.55	PT		841950.667	1700772.448							
	LINE				S 83°10'03.4" E	53.31					
18+60.86	PC		841944.325	1700825.377							
	CURVE				S 80°33'08.1" E	91.26	05°13'50.7"(RT)	05°43'46.5"	91.29	45.68	1000.00
19+52.15	PT		841929.345	1700915.401							
	LINE				S 77°56'12.8" E	27.14					
19+79.30	POT		841923.672	1700941.944							

STATION		POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT		842875.834	1701113.281							
	LINE				S 71°30'53.5" E	344.34					
13+44.34	PC		842766.658	1701439.855							
	CURVE				S 68°39'18.1" E	59.87	05°43'10.8"(RT)	09°32'57.5"	59.90	29.97	600.00
14+04.24	PT		842744.866	1701495.619							
	LINE				S 65°47'42.7" E	50.06					
14+54.30	POT		842724.341	1701541.280							

STATION		POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT		843560.680	1701600.996							
	LINE				S 56°09'31.6" E	216.14					
12+16.14	PC		843440.312	1701780.519							
	CURVE				S 61°46'50.1" E	58.78	11°14'36.9"(LT)	19°05'54.9"	58.87	29.53	300.00
12+75.01	PT		843412.520	1701832.310							
	LINE				S 67°24'08.6" E	45.81					
13+20.82	POT		843394.918	1701874.600							

STATION		POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT		843394.918	1701874.600							
	LINE				S 67°24'08.6" E	262.58					
12+62.58	PC		843294.021	1702117.018							
	CURVE				S 43°10'48.1" E	984.67	48°26'40.9"(RT)	04°46'28.7"	1014.62	539.86	1200.00
22+77.20	PT		842575.993	1702790.820							
	LINE				S 18°57'27.6" E	203.59					
24+80.79	POT		842383.447	1702856.960							

STATION		POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT		844821.370	1701989.152							
	LINE				N 49°44'34.7" E	18.54					
10+18.54	PC		844833.352	1702003.302							
	CURVE				N 81°21'56.2" E	314.59	63°14'43.0"(RT)	19°05'54.9"	331.15	184.72	300.00
13+49.69	PT		844880.582	1702314.330							
	LINE				S 67°00'42.3" E	180.07					
15+29.76	POT		844810.259	1702480.096							

STATION		POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT		845995.639	1702499.288							
	LINE				S 89°08'16.1" E	226.62					
12+26.62	PC		845992.229	1702725.881							
	CURVE				S 76°23'43.9" E	220.57	25°29'04.3"(RT)	11°27'33.0"	222.39	113.07	500.00
14+49.01	PT		845940.348	1702940.258							
	LINE				S 63°39'11.8" E	103.40					
15+52.42	POT		845894.457	1703032.920							

STATION		POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT		846627.324	1703915.122							
	LINE				N 35°11'41.0" W	31.10					
10+31.10	PC		846652.739	1703897.197							
	CURVE				N 15°50'25.3" W	497.11	38°42'31.4"(RT)	07°38'22.0"	506.70	263.45	750.00
15+37.80	PT		847130.976	1703761.506							
	LINE				N 03°30'50.5" E	145.79					
16+83.58	POT		847276.489	1703770.442							

STATION		POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT		846256.994	1704537.427							
	LINE				N 01°41'14.0" E	601.63					
16+01.63	PC		846858.360	1704555.141							
	CURVE				N 02°09'09.4" W	66.97	07°40'46.9"(LT)	11°27'33.0"	67.02	33.56	500.00
16+68.65	PT		846925.281	1704552.625							
	LINE				N 05°59'32.9" W	51.05					
17+19.70	POT		846976.056	1704547.295							

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.

6/2/19

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. U-4758	SHEET NO. RW02D-4
Location and Surveys	
Stantec <small>ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com</small>	
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 2nd day of September, 2024.
 DocuSigned by:

 Professional Land Surveyor L-3834

Y21

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	851705.765	1706118.685							
	LINE			S 88°37'20.7" E	180.69					
11+80.69	PC	851701.421	1706299.319							
	CURVE			N 81°42'19.6" E	100.81	19°20'39.3(LT)	19°05'54.9"	101.29	51.13	300.00
12+81.97	PT	851715.964	1706399.070							
	LINE			N 72°02'00.0" E	17.59					
12+99.57	POT	851721.390	1706415.805							

Y23

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	852268.603	1706060.893							
	LINE			N 66°24'01.8" E	52.84					
10+52.84	PC	852289.758	1706109.317							
	CURVE			N 80°19'35.9" E	361.01	27°51'08.3(RT)	07°38'22.0"	364.59	185.97	750.00
14+17.43	PT	852350.419	1706465.190							
	LINE			S 85°44'49.9" E	160.31					
15+77.74	POT	852338.530	1706625.062							

Y24

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	PC	852686.507	1705548.268							
	CURVE			N 75°10'05.6" E	53.51	44°56'32.2(RT)	81°51'04.0"	54.91	28.95	70.00
10+54.91	PCC	852700.205	1705599.995							
	CURVE			S 81°51'34.3" E	69.97	01°00'08.1(RT)	01°25'56.6"	69.97	34.99	4000.00
11+24.88	PT	852690.297	1705669.260							
	LINE			S 81°21'30.3" E	56.70					
11+81.58	PC	852681.778	1705725.315							
	CURVE			S 88°52'06.8" E	130.70	15°01'13.0(LT)	11°27'33.0"	131.08	65.92	500.00
13+12.65	PT	852679.197	1705855.991							
	LINE			N 83°37'16.7" E	7.55					
13+20.20	POT	852680.036	1705863.492							

Y26

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	843169.394	1702343.828							
	LINE			N 34°59'06.7" E	29.78					
10+29.78	PC	843193.793	1702360.903							
	CURVE			N 04°42'59.2" E	226.83	60°32'15.2(LT)	25°27'53.2"	237.73	131.31	225.00
12+67.51	PT	843419.850	1702379.553							
	LINE			N 25°33'08.4" W	29.61					
12+97.12	PC	843446.563	1702366.782							
	CURVE			N 18°58'10.7" W	223.54	13°09'55.5(RT)	05°52'35.4"	224.04	112.51	975.00
15+21.16	PCC	843657.966	1702294.116							
	CURVE			N 16°44'03.2" E	243.33	58°14'32.2(RT)	22°55'05.9"	254.13	139.27	250.00
17+75.29	PT	843890.990	1702364.178							
	LINE			N 45°51'19.3" E	124.72					
19+00.00	POT	843977.852	1702453.673							

Y27

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	PC	852751.232	1704795.873							
	CURVE			S 89°51'32.0" E	360.45	10°20'24.8(RT)	02°51'53.2"	360.94	180.96	2000.00
13+60.94	PCC	852750.344	1705096.324							
	CURVE			N 87°34'36.6" E	130.54	15°28'07.7(LT)	11°48'48.8"	130.94	65.87	485.00
14+91.88	PT	852755.864	1705226.751							
	LINE			N 79°50'32.7" E	76.96					
15+68.85	POT	852769.437	1705302.510							

Y29

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	853664.010	1704153.283							
	LINE			S 66°09'50.9" E	373.42					
13+73.42	PC	853513.104	1704494.852							
	CURVE			S 68°07'09.7" E	116.00	03°54'37.6(LT)	03°22'13.2"	116.03	58.04	1700.00
14+89.44	PT	853469.873	1704602.499							
	LINE			S 70°04'28.5" E	326.94					
18+16.38	PC	853358.454	1704909.863							
	CURVE			S 44°27'51.6" E	419.28	51°13'13.7(RT)	11°48'48.8"	433.57	232.48	485.00
22+49.95	PT	853059.220	1705203.554							
	LINE			S 18°51'14.8" E	538.86					
27+88.81	PC	852549.274	1705377.691							
	CURVE			S 63°24'37.4" E	680.56	89°06'45.3(LT)	11°48'48.8"	754.32	477.55	485.00
35+43.14	PT	852244.657	1705986.273							
	LINE			N 72°02'00.0" E	78.30					
36+21.44	POT	852268.811	1706060.759							

Y30

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	841923.672	1700941.944							
	LINE			S 77°56'12.8" E	196.61					
11+96.61	PC	841882.583	1701134.214							
	CURVE			S 80°45'03.2" E	54.00	05°37'40.8(LT)	10°25'02.7"	54.02	27.03	550.00
12+50.64	PT	841873.903	1701187.515							

Y31



STATION	POINT	N	E	BEARING	DIST
10+00.00	POT	842724.341	1701541.280		
	LINE			S 55°07'29.0" E	232.13
12+32.13	POT	842591.609	1701731.721		

NOTES:

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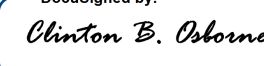
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PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW02D-5
Location and Surveys	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
	
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 2nd day of September, 2024.

Designed by:

Professional Land Surveyor L-3834

Y32

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	841183.449	1700754.782							
	LINE			S 83°11'38.9" E	43.90					
10+43.90	PC	841178.246	1700798.376							
	CURVE			S 86°21'32.1" E	44.17	06°19'46.4"(LT)	14°19'26.2"	44.19	22.12	400.00
10+88.09	PT	841175.442	1700842.453							
	LINE			S 89°31'25.3" E	61.91					
11+50.00	POT	841174.927	1700904.359							

Y33

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	PC	834552.817	1697958.549							
	CURVE			N 75°17'37.0" E	169.82	09°44'29.7"(RT)	05°43'46.5"	170.02	85.22	1000.00
11+70.02	PT	834595.928	1698122.804							
	LINE			N 80°09'51.8" E	100.47					
12+70.49	POT	834613.091	1698221.798							

Y34

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	835436.045	1698163.872							
	LINE			S 52°10'53.8" E	185.72					
11+85.72	PC	835322.169	1698310.582							
	CURVE			S 54°20'50.0" E	60.46	04°19'52.3"(LT)	07°09'43.1"	60.48	30.25	800.00
12+46.19	PT	835286.929	1698359.711							
	LINE			S 56°30'46.1" E	3.34					
12+49.54	POT	835285.083	1698362.500							

Y35

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	848858.052	1706127.014							
	LINE			S 46°57'18.6" E	79.06					
10+79.06	PC	848804.085	1706184.795							
	CURVE			S 50°36'00.6" E	95.36	07°17'23.9"(LT)	07°38'22.0"	95.43	47.78	750.00
11+74.49	PT	848743.557	1706258.484							
	LINE			S 54°14'42.6" E	95.25					
12+69.74	POT	848687.903	1706335.778							

DWAY1

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	836788.859	1699608.556							
	LINE			S 48°28'31.1" E	52.34					
10+52.34	PC	836754.160	1699647.743							
	CURVE			S 63°58'29.7" E	10.69	30°59'57.1"(LT)	286°28'44.0"	10.82	5.55	20.00
10+63.16	PT	836749.470	1699657.348							
	LINE			S 79°28'28.2" E	37.34					
11+00.50	PC	836742.648	1699694.061							
	CURVE			S 57°33'13.7" E	29.87	43°50'29.2"(RT)	143°14'22.0"	30.61	16.10	40.00
11+31.11	PT	836726.625	1699719.264							

DWAY2

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	838091.135	1700733.735							
	LINE			S 74°30'06.4" E	76.36					
10+76.36	PC	838070.732	1700807.314							
	CURVE			S 66°12'50.3" E	43.24	16°34'32.1"(RT)	38°11'49.9"	43.39	21.85	150.00
11+19.75	PT	838053.291	1700846.884							

DWAY3

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	839461.620	1700891.760							
	LINE			S 84°07'25.0" E	55.56					
10+55.56	PC	839455.932	1700947.024							
	CURVE			N 87°42'36.5" E	7.10	16°19'57.2"(LT)	229°10'59.2"	7.13	3.59	25.00
10+62.68	PT	839456.215	1700954.121							
	LINE			N 79°32'37.9" E	68.70					
11+31.38	PC	839468.683	1701021.676							
	CURVE			N 85°05'55.8" E	29.04	11°06'35.9"(RT)	38°11'49.9"	29.09	14.59	150.00
11+60.46	PT	839471.164	1701050.610							

DWAY4

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	839748.572	1700906.667							
	LINE			N 88°35'10.8" E	69.66					
10+69.66	PC	839750.291	1700976.304							
	CURVE			N 58°01'02.6" E	30.51	61°08'16.4"(LT)	190°59'09.4"	32.01	17.72	30.00
11+01.67	PT	839766.453	1701002.187							

DWAY5

STATION	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
10+00.00	POT	839852.552	1700901.088							
	LINE			N 85°16'16.8" E	50.06					
10+50.06	PC	839856.679	1700950.977							
	CURVE			S 78°08'34.5" E	11.42	33°10'17.6"(RT)	286°28'44.0"	11.58	5.96	20.00
10+61.64	PT	839854.333	1700962.152							
	LINE			S 61°33'25.7" E	46.31					
11+07.95	POT	839832.277	1701002.870							

NOTES:

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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.

6/2/09

CONTROL ACCESS MARKER REBAR AND CAP. Table with columns: ALIGN, STATION, OFFSET, NORTH, EAST. Rows include L 39+62.78, L 69+65.12, L 148+50.00, L 208+37.71, L 211+23.17.

ROW MARKER IRON PIN AND CAP-E. Large table with columns: ALIGN, STATION, OFFSET, NORTH, EAST. Rows include L 15+60.39, L 16+51.26, L 17+37.54, L 17+85.62, L 18+74.49, L 18+85.65, L 19+12.18, L 19+35.16, L 19+78.69, L 23+33.57, L 28+56.35, L 29+39.22, L 29+39.22, L 35+56.05, L 40+62.78, L 41+41.45, L 43+07.27, L 47+29.39, L 49+83.37, L 51+44.00, L 52+17.82, L 52+18.04, L 52+77.96, L 53+19.44, L 57+28.03, L 58+29.96, L 58+30.08, L 58+73.25, L 59+04.49, L 67+35.78, L 70+85.12, L 71+18.07, L 71+43.07, L 71+65.86, L 79+73.23, L 83+30.77, L 85+33.29, L 85+33.29, L 87+29.70, L 88+07.17, L 88+72.08, L 88+72.42, L 100+05.78, L 100+36.75, L 103+34.07, L 105+40.40, L 109+72.81, L 112+57.26, L 113+33.00, L 113+51.00, L 114+41.51, L 115+00.00, L 117+71.48, L 120+00.00, L 120+50.00, L 120+78.00, L 121+03.50, L 122+58.00, L 122+60.70, L 124+35.26, L 128+46.62, L 129+89.20, L 131+89.54, L 131+94.42, L 132+39.61, L 136+70.00, L 137+62.75, L 138+24.14, L 139+21.89, L 139+54.12, L 140+12.07, L 140+49.59, L 141+87.72, L 144+75.07, L 148+69.00, L 148+69.00, L 149+47.39, L 150+13.64, L 150+32.77, L 150+35.65, L 150+53.54, L 150+56.60, L 151+95.07, L 153+40.28.

RIGHT OF WAY CONTROL SHEET

(CONTINUED) ROW MARKER IRON PIN AND CAP-E. Table with columns: ALIGN, STATION, OFFSET, NORTH, EAST. Rows include L 157+76.78, L 160+03.00, L 161+74.00, L 167+05.43, L 167+32.49, L 168+53.98, L 169+01.72, L 169+01.72, L 171+91.76, L 171+91.76, L 177+37.28, L 179+97.86, L 181+27.11, L 183+26.50, L 183+26.50, L 183+45.49, L 184+48.04, L 184+50.56, L 184+50.56, L 186+10.56, L 186+10.56, L 186+17.21, L 187+01.75, L 188+25.00, L 188+32.85, L 188+82.00, L 190+13.00, L 190+78.07, L 190+78.07, L 191+55.02, L 192+19.49, L 192+42.42, L 192+42.42, L 193+15.64, L 194+02.70, L 194+36.48, L 195+02.21, L 196+07.28, L 197+57.28, L 197+73.34, L 198+17.54, L 202+96.72, L 206+64.40, L 207+63.00, L 207+89.30, L 208+37.71, L 209+56.98, L 209+69.06, L 209+71.32, L 209+89.87, L 209+92.02, L 210+45.65, L 212+16.39, L 217+40.71, L 218+72.62, L 221+22.68, L 222+70.16, L 224+55.00, L 225+72.69, L 225+80.63, L 226+45.91, L 227+44.91, L 227+55.20, L 228+10.04, L 229+60.10, L 230+54.87, L 230+95.00, L 230+95.00, L 231+05.00, L 231+05.00, L 232+38.00, L 232+38.00, L 232+56.00, L 232+78.36, L 233+76.00, L 233+79.00, L 234+68.54, L 235+70.00, L 235+70.00, L 235+80.00, L 235+80.00.

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024.

DocuSigned by: Clinton B. Osborne, OAR#060584498, Professional Land Surveyor L-3834

(CONTINUED) ROW MARKER IRON PIN AND CAP-E. Table with columns: ALIGN, STATION, OFFSET, NORTH, EAST. Rows include L 235+82.04, L 237+44.00, L 237+44.00, L 237+56.00, L 237+56.00, L 237+59.22, L 237+85.34, L 240+80.05, L 244+82.10.

ROW MARKER IRON PIN AND CAP-E. Table with columns: ALIGN, STATION, OFFSET, NORTH, EAST. Rows include L1 10+69.58, L1 11+95.00, L1 11+95.00, L1 12+05.00, L1 14+45.00, L1 14+45.00, L1 14+55.00, L1 14+55.00, L1 15+88.37, L1 16+86.08, L1 17+59.91.

ROW MARKER IRON PIN AND CAP-E. Table with columns: ALIGN, STATION, OFFSET, NORTH, EAST. Rows include RPB 22+72.00, RPB 22+72.00, RPB 24+62.49, RPB 26+25.22, RPB 29+00.00.

ROW MARKER IRON PIN AND CAP-E. Table with columns: ALIGN, STATION, OFFSET, NORTH, EAST. Rows include Y5 15+24.91, Y5 16+57.87, Y5 17+31.18, Y5 18+07.55, Y5 18+60.32.

ROW MARKER IRON PIN AND CAP-E. Table with columns: ALIGN, STATION, OFFSET, NORTH, EAST. Row includes Y6 13+30.00.

- MARKER EXCEPTIONS:
* = SET MAG NAIL
** = SET 60D NAIL
*** = NO POINT SET
**** = EXISTING IRON PIN
Δ = SET REBAR NO CAP

R/W MARKERS:

- 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


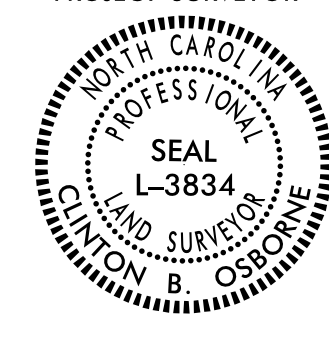
NOTES:

- 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 03-16-2022 TO 09-02-2024.

PROJECT REFERENCE NO. U-4758 SHEET NO. RW03E-1
Location and Surveys
Stantec
ONE WEST FOURTH ST., SUITE 820
WINSTON SALEM, N.C. 27101
LICENSE NO.: F-0672
www.stantec.com
PROJECT SURVEYOR
SEAL L-3834
CLINTON B. OSBORNE
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW03E-2
Location and Surveys	
 <p>ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com</p>	
<p>PROJECT SURVEYOR</p> 	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024.

DocuSigned by:
Clinton B. Osborne
0A8F9B085F6449B
Professional Land Surveyor L-3834

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y7	12+26.00	-53.50	843480.3485	1701817.1141
Y7	12+39.00	48.00	843386.5302	1701776.3535

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y13	10+53.51	-52.43	847494.2422	1706017.8040
Y13	10+53.82	-31.65	847497.4246	1706038.3353
Y13	10+54.14	30.00	847506.2611	1706099.3545
Y13	11+38.53	-55.00	847578.0960	1706003.5102
Y13	11+60.00	-48.00	847599.1954	1706007.3973
Y13	12+00.00	-46.50	847636.7981	1706001.9555
Y13	12+07.33	-55.00	847641.8197	1705992.2039
Y13	12+99.34	58.97	847760.3293	1706078.2731
Y13	13+50.00	-55.00	847770.3457	1705953.9492
Y13	14+99.54	-63.60	847892.7999	1705885.8422

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y20	11+06.28	64.55	851443.1878	1706698.6861
Y20	11+07.00	-60.00	851561.8878	1706660.9539
Y20	12+00.00	60.00	851476.4266	1706786.4345
Y20	13+83.25	-67.00	851653.7611	1706921.5783
Y20	14+16.83	60.00	851543.3103	1706992.6896
Y20	17+67.21	60.00	851604.3331	1707320.9391
Y20	18+13.04	33.97	851631.9761	1707364.1751
Y20	18+52.06	36.60	851629.5687	1707402.1824
Y20	19+55.82	57.49	851605.1722	1707503.8566
Y20	19+60.78	-69.88	851732.2288	1707514.0144
Y20	20+47.08	-50.60	851709.4370	1707599.4533
Y20	20+68.11	30.02	851628.0276	1707617.1673
Y20	20+69.31	52.64	851605.3794	1707617.4447
Y20	22+16.37	-29.36	851681.2896	1707767.7395
Y20	22+16.42	-40.23	851692.1463	1707768.2298

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y8	11+00.48	57.60	843303.1322	1701945.2283
Y8	11+33.45	-60.00	843399.0324	1702020.8603
Y8	12+62.58	55.00	843243.2437	1702095.8836
Y8	12+62.58	-60.00	843349.4147	1702140.0731
Y8	14+66.05	-60.00	843251.0312	1702329.4281
Y8	19+70.23	-40.00	842872.6159	1702688.5585
Y8	22+77.20	-40.00	842588.9881	1702828.6503
Y8	22+86.76	55.04	842549.0679	1702741.8723
Y8	22+93.06	-37.00	842573.0129	1702830.9618
Y8	23+30.00	31.02	842515.9799	1702778.6353

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y14	10+00.00	35.00	848346.3484	1705888.3204
Y14	10+00.00	-33.00	848413.4850	1705899.1221
***Y14	10+00.00	-31.95	848412.4463	1705898.9550
Y14	10+00.00	28.03	848353.2329	1705889.4281
Y14	10+33.86	35.00	848340.9691	1705921.7553
Y14	11+00.00	35.00	848328.3553	1705983.7080
Y14	11+00.00	-38.00	848399.2247	1706001.2157
Y14	11+50.00	-36.00	848383.1754	1706051.0366

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y24	10+20.38	-58.87	852751.4389	1705545.2946
Y24	10+51.21	-53.55	852753.9724	1705600.6273
Y24	10+62.03	37.53	852662.0620	1705601.9952
Y24	10+63.10	76.60	852623.2084	1705597.7750
Y24	11+49.84	-49.29	852735.2735	1705701.3410
Y24	11+97.07	-32.70	852712.1482	1705744.5754

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y9	13+95.00	30.00	844835.2702	1702344.3224
Y9	13+95.00	25.00	844839.8731	1702346.2751
Y9	13+95.00	-25.00	844885.9024	1702365.8022
Y9	13+95.00	-30.00	844890.5053	1702367.7549

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y15	11+50.33	56.47	848520.5137	1706383.0701
***Y15	11+73.48	-52.62	848569.7039	1706483.1295
Y15	11+81.81	-65.00	848570.0129	1706498.3987
Y15	12+17.53	55.00	848471.1876	1706421.4725
Y15	12+18.23	-65.00	848537.9174	1706521.2103
Y15	14+05.13	-65.00	848383.1566	1706625.9866
Y15	14+40.10	-30.22	848334.6991	1706616.7876
Y15	14+50.03	29.90	848292.7709	1706572.5713
Y15	14+50.05	54.79	848278.7982	1706551.9720

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y26	10+73.29	-50.00	843251.8838	1702336.5475
Y26	11+79.91	55.00	843338.6500	1702456.1113
Y26	12+67.51	-50.00	843398.2835	1702334.4438
Y26	12+67.51	55.00	843443.5738	1702429.1739
Y26	12+97.12	-50.00	843424.9964	1702321.6725
Y26	12+97.12	45.00	843465.9732	1702407.3807
Y26	13+50.00	-40.00	843479.5945	1702308.3077
Y26	14+70.00	-40.00	843597.6944	1702267.8294
Y26	14+70.00	45.00	843620.2568	1702349.7802
Y26	15+00.00	-28.95	843630.5322	1702270.7454
Y26	15+00.00	35.66	843645.7580	1702333.5369
Y26	18+69.48	-50.00	843992.4709	1702396.9448
Y26	18+70.00	23.70	843939.9467	1702448.6527

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y11	11+25.00	-55.00	846706.8180	1703799.4634
Y11	11+50.00	55.00	846779.1244	1703886.0276
Y11	15+37.80	-55.00	847134.3469	1703706.6095
Y11	15+37.80	55.00	847127.6047	1703816.4027
Y11	16+00.00	-30.69	847194.9441	1703734.6874
Y11	16+00.00	29.31	847191.2665	1703794.5750
Y11	16+00.00	55.00	847189.6920	1703820.2153

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y17	12+94.84	50.00	850282.2397	1707292.5646
Y17	13+96.38	50.00	850336.3502	1707384.9179
Y17	14+05.19	-60.00	850433.1369	1707331.9052
Y17	14+87.68	46.24	850384.5371	1707457.5947
Y17	15+09.27	60.00	850382.0341	1707482.1686
Y17	16+03.00	60.00	850419.2635	1707562.3335
Y17	16+03.00	-60.00	850530.2268	1707516.6482
Y17	16+49.52	60.00	850436.9775	1707605.3582
Y17	16+50.77	-60.00	850548.4144	1707560.8234
Y17	17+00.46	-29.91	850539.5108	1707618.2266
Y17	17+00.55	30.00	850484.1425	1707641.1157

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y12	11+78.52	30.29	846434.5468	1704572.9649
Y12	12+99.92	55.04	846555.1607	1704601.2771
Y12	15+88.26	-29.98	846845.8800	1704524.7830

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y18	11+25.83	-33.12	850926.2779	1707010.9966

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y27	12+94.57	31.36	852724.0830	1705028.2850
Y27	13+14.59	37.50	852716.6906	1705047.5222
Y27	13+39.93	-28.64	852780.7222	1705077.7429
Y27	14+50.09	-48.52	852798.5940	1705180.9368
Y27	14+52.19	40.00	852710.6517	1705191.2533
Y27	14+97.28	-46.05	852802.1451	1705223.9434

- MARKER EXCEPTIONS:
- * = SET MAG NAIL
 - ** = SET 60D NAIL
 - *** = NO POINT SET
 - **** = EXISTING IRON PIN
 - △ = SET REBAR NO CAP

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 03-16-2022 TO 09-02-2024.

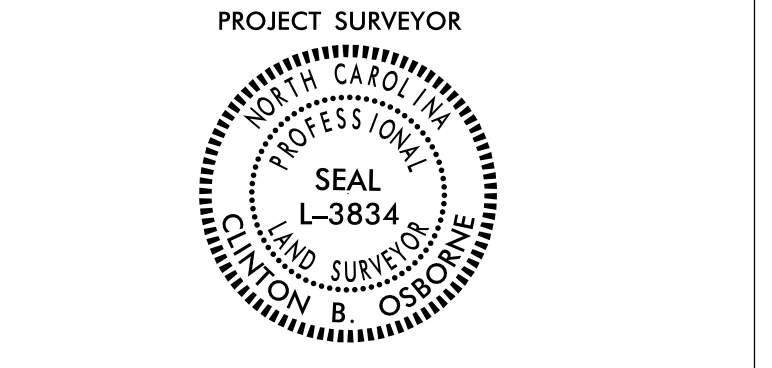
R/W MARKERS:

- 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

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW03E-3

Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024.

DocuSigned by:
Clinton B. Osborne
0A5F8B05F6449B
Professional Land Surveyor L-3834

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y29	14+89.44	-50.00	853516.8799	1704619.5384
Y29	14+89.44	-28.95	853497.0931	1704612.3657
Y29	14+89.44	30.91	853440.8171	1704591.9658
Y29	14+89.44	50.00	853422.8662	1704585.4587
Y29	17+39.23	-50.00	853431.7544	1704854.3692
Y29	18+16.38	50.00	853331.4474	1704892.8234
Y29	20+19.47	-92.27	853318.3165	1705144.9839
Y29	20+30.60	-40.00	853272.2114	1705117.3092
Y29	22+49.95	50.00	853043.0622	1705156.2366
Y29	22+66.44	-39.74	853056.4582	1705246.4912
Y29	23+20.40	-60.00	853011.9480	1705283.0983
Y29	24+93.01	50.00	852813.0455	1705234.7832
Y29	25+94.33	-60.00	852752.7098	1705371.6235
Y29	26+06.45	55.00	852704.0828	1705266.7085
Y29	26+54.05	-180.80	852735.2300	1705505.2435
Y29	26+61.26	-60.00	852689.3690	1705393.2532
Y29	27+01.78	-141.94	852677.5118	1705483.8929
Y29	27+59.13	69.23	852554.9951	1705302.5805
Y29	27+76.28	-186.94	852621.5472	1705550.5528
Y29	27+88.81	-60.00	852568.6634	1705434.4720
Y29	27+88.81	55.00	852531.5000	1705325.6423
Y29	28+90.00	55.00	852429.4394	1705372.8680
Y29	29+15.26	101.26	852379.9390	1705349.4476
***Y29	29+62.99	36.00	852375.0965	1705434.2510
Y29	31+00.28	36.00	852275.8698	1705542.6892
Y29	31+16.66	55.00	852250.1503	1705547.1941
Y29	31+70.00	55.00	852221.1300	1705598.9814
Y29	31+90.31	36.00	852228.9984	1705627.1342
Y29	34+87.73	-60.00	852289.4226	1705920.8297
Y29	35+16.53	36.00	852202.3454	1705969.9606
Y29	35+30.71	-89.19	852326.4907	1705949.0758

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y30	11+17.00	-62.49	841960.3296	1701069.4195

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y31	10+96.00	40.00	842636.6328	1701597.1664
Y31	10+96.00	-40.00	842702.2647	1701642.9098

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+42.82	-99.15	833934.0471	1698394.3841
L	14+66.10	-89.16	833959.3720	1698393.5394
L	14+68.44	-94.49	833959.2236	1698387.7179
L	14+76.71	-113.37	833958.6983	1698367.1119
L	14+98.00	-120.00	833975.1558	1698352.0742
L	15+18.26	84.32	834080.2535	1698528.4588
L	15+77.79	-169.68	834026.3055	1698273.2141
L	16+15.00	-120.00	834081.0854	1698302.3960
L	16+42.26	-80.54	834122.5158	1698326.5474
L	17+27.12	-77.33	834200.7173	1698293.4222
L	18+63.27	-79.39	834323.1039	1698233.7469
L	18+64.29	-70.60	834327.7618	1698241.2701
L	18+68.70	86.85	834398.6143	1698381.9557
L	18+73.20	-80.55	834331.6063	1698228.4829
L	18+74.43	-69.97	834337.2120	1698237.5371
L	20+35.57	-77.28	834496.1862	1698169.3331
L	20+35.87	-67.29	834499.2326	1698178.8577
L	20+44.79	-77.65	834505.7109	1698166.2867
L	20+44.79	-55.50	834511.5618	1698187.6522
L	20+64.00	76.50	834563.4896	1698310.4788
L	20+64.00	49.50	834556.8949	1698284.2965
L	20+86.00	76.50	834583.1249	1698305.7793
L	20+86.00	49.50	834577.1514	1698279.4484
L	20+96.00	-95.00	834555.9432	1698136.1487
L	21+85.46	49.50	834669.9214	1698263.5618

(CONTINUED) ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	22+30.00	-85.00	834702.7359	1698125.4917
L	23+00.00	-98.00	834779.1711	1698110.1540
L	24+00.00	-90.00	834888.5371	1698124.8130
L	25+16.00	-67.66	835008.4015	1698168.8922
L	25+16.00	-79.99	835011.3236	1698156.9140
L	25+66.00	-100.00	835069.4860	1698152.0377
L	25+66.00	-90.00	835066.5974	1698161.6114
L	25+76.00	-100.00	835080.0717	1698155.2939
L	25+76.00	-90.00	835077.0803	1698164.8360
L	27+78.17	49.50	835210.3568	1698374.5292
L	28+02.00	-96.00	835305.4344	1698261.7293
L	28+02.00	-86.00	835300.2348	1698270.2712
L	28+04.37	73.35	835219.2431	1698407.5230
L	28+04.72	59.23	835226.8943	1698395.6472
L	28+09.00	-96.00	835312.0158	1698265.7695
L	28+09.00	-87.00	835307.2784	1698273.4218
L	28+15.23	73.52	835227.6495	1698412.9390
L	28+15.38	60.98	835234.4407	1698402.3981
L	28+24.00	-58.61	835305.8261	1698306.0592
L	28+28.60	-84.00	835323.7486	1698287.4114
L	28+30.00	-92.00	835329.3931	1698281.5384
L	28+48.00	-56.34	835325.8421	1698321.9931
L	28+52.08	-82.00	835343.9165	1698303.2609
L	28+53.00	-88.00	835348.1410	1698298.8827
L	29+30.00	-83.00	835412.4126	1698353.2827
L	29+34.32	-77.00	835412.2398	1698360.9000
L	29+50.00	-98.00	835438.0440	1698355.0413
L	29+51.00	-55.50	835411.6174	1698388.3412
L	29+66.00	-77.00	835437.5167	1698381.9293
L	29+84.00	-55.50	835436.9769	1698409.4574
L	30+11.59	60.94	835383.6716	1698516.5899
L	31+55.00	-75.00	835580.8632	1698503.8925
L	31+87.00	-75.00	835605.4543	1698524.3688
L	33+56.36	-85.26	835742.1670	1698624.8493
L	33+85.00	-87.00	835765.2902	1698641.8443
L	33+89.00	-55.50	835748.2077	1698668.6106
L	34+20.00	-55.50	835772.0303	1698688.4471
L	34+92.00	49.50	835760.1723	1698815.2082
L	34+96.41	60.99	835756.2062	1698826.8598
L	35+06.00	-85.00	835856.9954	1698720.8072
L	35+06.00	86.00	835747.5751	1698852.2158
L	35+14.00	49.50	835777.0787	1698829.2857
L	35+18.36	60.99	835773.0742	1698840.9084
L	35+25.00	78.50	835766.9752	1698858.6101
L	37+93.00	-83.00	836076.2668	1698905.9911
L	40+42.20	-82.54	836267.4793	1699065.8044
L	40+46.50	49.50	836186.2895	1699170.0242
L	40+61.29	61.57	836189.9263	1699188.7646
L	40+65.50	65.01	836190.9623	1699194.1029
L	41+16.85	-82.00	836324.4964	1699113.9863
L	41+52.00	-83.00	836352.1479	1699135.7096
L	41+53.00	-58.25	836337.0774	1699155.3714
L	41+95.00	-95.00	836392.8708	1699154.0030
L	42+05.00	-57.69	836376.6831	1699189.0714
L	42+48.15	68.92	836328.8273	1699313.9854
L	42+71.46	66.08	836348.5571	1699326.7190
L	43+16.90	67.07	836382.8379	1699356.5507
L	43+73.26	62.51	836429.0672	1699389.1118
L	44+07.60	49.50	836463.7833	1699401.0856
L	45+96.58	62.56	836600.6482	1699532.0471
L	47+29.39	65.31	836700.9508	1699619.1447
L	47+29.39	74.50	836695.0717	1699626.2052
L	48+87.00	74.50	836807.7359	1699727.7941
L	49+83.37	74.50	836872.5535	1699794.1661
L	51+35.00	78.00	836973.2877	1699907.5523
L	52+18.04	82.17	837026.8066	1699971.1800
L	52+74.50	85.00	837063.1964	1700014.4433
L	53+01.73	-97.13	837215.0789	1699910.2990
L	54+16.00	93.50	837153.3695	1700123.8202
L	54+52.40	-99.33	837319.3335	1700019.1017
L	56+22.18	-99.04	837434.7835	1700143.5917
L	56+31.00	94.50	837299.1044	1700281.8941
L	56+61.28	-72.28	837441.8304	1700190.4423
L	57+14.81	-67.49	837474.7828	1700232.8898
L	58+43.23	93.00	837444.7791	1700436.2337

(CONTINUED) ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
****L	58+50.85	163.95	837398.0362	1700490.1463
L	61+05.00	160.76	837612.0679	1700678.3263
L	61+33.00	49.50	837701.2394	1700605.1693
L	65+98.00	82.50	838135.1848	1700829.6855
L	66+13.00	49.50	838157.5738	1700800.7352
L	66+14.50	91.00	838150.7108	1700841.6946
L	66+34.50	49.50	838179.5321	1700805.0933
L	72+56.50	49.50	838801.8396	1700873.6148
L	72+59.00	69.50	838802.2788	1700893.7656
L	72+74.50	86.00	838816.0080	1700911.7659
L	73+04.00	49.50	838849.0900	1700878.4780
L	76+11.00	49.50	839154.4767	1700909.9095
L	76+36.00	49.50	839179.3453	1700912.4691
L	76+49.50	101.00	839187.5017	1700965.0006
L	76+65.50	89.00	839204.6462	1700954.7818
L	77+31.59	-81.74	839287.8742	1700791.7012
L	77+77.40	-81.42	839333.4076	1700796.7131
L	78+33.50	49.50	839375.8075	1700932.6897
L	78+60.50	86.00	839398.9286	1700971.7622
L	78+73.50	49.50	839415.5973	1700936.7850
L	78+92.00	73.50	839431.5429	1700962.5530
L	79+02.00	73.50	839441.4903	1700963.5768
L	79+02.00	81.00	839440.7225	1700971.0374
L	79+58.00	120.50	839492.3941	1701016.0632
L	79+58.00	49.50	839499.6532	1700945.4363
L	80+18.00	121.50	839555.0281	1701022.9188
L	80+18.00	49.50	839560.6164	1700951.1359
L	81+52.00	49.50	839698.1569	1700956.7053
L	81+71.00	115.00	839718.1578	1701022.1640
L	81+84.00	49.5		

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. U-4758	SHEET NO. RW03E-4
Location and Surveys	
 <b style="font-size: large;">Stantec ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

(CONTINUED) ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	87+36.20	215.69	840320.0658	1701037.1979
L	87+37.79	-89.84	840258.3514	1700737.9621
L	87+63.00	107.00	840323.7790	1700925.3173
L	87+71.50	224.00	840356.3217	1701038.0214
L	87+75.09	49.50	840323.6973	1700866.5607
***L	88+12.00	49.50	840359.8105	1700858.9171
L	89+08.31	-100.19	840424.4846	1700692.4954
L	89+50.00	-118.00	840463.9088	1700666.9466
L	90+42.00	85.00	840587.6491	1700852.5722
L	90+42.00	56.50	840583.6170	1700824.3560
L	90+53.00	85.00	840598.1787	1700851.0907
L	90+53.00	56.62	840594.2856	1700822.9821
L	90+54.00	-127.00	840570.1337	1700640.9515
L	90+54.00	-116.50	840571.5701	1700651.3528
L	90+62.00	-127.00	840578.4549	1700639.8156
L	90+62.00	-116.00	840579.9256	1700650.7168
L	91+50.00	-115.00	840671.3963	1700640.9869
L	92+06.23	-111.74	840730.1823	1700639.0390
L	94+47.00	-123.00	840981.4848	1700620.1633
L	94+47.00	-133.00	840981.6537	1700610.1647
L	94+55.00	-133.00	840990.0695	1700610.3200
L	94+55.00	-123.00	840989.8693	1700620.3180
L	95+14.91	-116.94	841052.3750	1700628.3626
L	95+70.00	-122.00	841110.2319	1700626.4455
L	97+67.00	-112.00	841314.0771	1700657.7162
L	98+21.00	-115.00	841370.2781	1700663.3452
L	98+21.00	-123.00	841371.5807	1700655.4519
L	98+29.00	-115.00	841378.5252	1700664.7194
L	98+29.00	-124.00	841380.0184	1700655.8442
L	98+34.35	56.21	841355.2806	1700834.4293
L	98+37.74	85.68	841353.5569	1700864.0340
***L	98+49.09	56.09	841369.4988	1700836.7745
L	98+52.97	83.42	841368.4519	1700864.3425
L	100+11.00	-125.00	841567.1700	1700693.2240
L	100+11.00	-135.00	841569.5281	1700683.5060
*L	100+14.00	49.50	841528.8783	1700863.4981
L	100+14.00	94.00	841518.3336	1700906.7307
L	100+20.00	-125.00	841576.3409	1700695.4666
L	100+20.00	-135.00	841578.7334	1700685.7570
L	100+48.00	49.50	841561.2152	1700871.6140
L	100+48.00	91.00	841550.8446	1700911.7974
L	102+98.00	-115.00	841851.7046	1700789.9102
L	102+98.00	-123.00	841854.4524	1700782.3968
L	103+12.00	-115.00	841865.4320	1700794.9733
L	107+28.09	49.50	842168.1894	1701131.2571
L	107+46.10	73.78	842168.9430	1701161.0968
L	107+49.14	63.84	842176.9765	1701154.5532
L	107+53.22	75.94	842173.3282	1701166.7358
L	107+56.51	65.90	842181.6415	1701160.2751
L	109+25.44	66.14	842310.0683	1701259.5060
L	110+76.73	65.19	842422.0918	1701358.4278
L	113+13.45	96.92	842576.6161	1701540.5484
L	113+13.76	87.10	842583.4307	1701533.4624
L	113+21.28	96.99	842582.3848	1701545.8435
L	113+21.38	87.09	842589.0886	1701538.5560
L	113+79.09	83.07	842635.4784	1701574.8549
L	114+77.26	81.34	842718.0725	1701639.4828
L	115+19.60	83.24	842753.7388	1701667.3909
L	117+24.18	82.78	842943.6545	1701775.3618
L	120+53.00	55.84	843260.1967	1701879.0160
L	120+80.79	59.00	843284.6437	1701892.6089
L	121+00.30	80.70	843294.3159	1701920.1366
L	122+56.56	-57.22	843491.5703	1701852.8501
L	122+58.62	80.35	843440.6176	1701980.6509
L	124+25.00	-149.00	843682.3498	1701832.8417
L	124+25.00	-55.50	843646.4218	1701919.1634
L	124+56.00	-149.00	843710.9699	1701844.7537
L	124+56.00	-55.50	843675.0418	1701931.0753
L	125+70.00	-81.00	843790.0882	1701951.3384

(CONTINUED) ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	125+70.00	-55.50	843780.2896	1701974.8806
L	126+01.00	-81.00	843818.7082	1701963.2503
L	126+01.00	-55.50	843808.9096	1701986.7926
L	128+41.00	79.30	843978.6876	1702203.4615
L	128+65.00	63.77	844006.6583	1702198.3100
L	128+70.00	51.79	844015.8685	1702189.1798
L	129+92.01	80.84	844115.5454	1702263.6056
L	130+18.00	81.00	844139.2842	1702274.1942
L	132+34.00	78.00	844338.2925	1702358.2221
L	134+40.00	77.00	844527.3398	1702440.0641
L	134+47.50	49.50	844545.2557	1702417.8939
L	134+60.00	81.50	844543.8471	1702452.2197
L	134+61.20	77.00	844546.7495	1702448.5790
L	134+68.50	82.50	844551.2293	1702456.5503
L	134+68.50	49.50	844564.4866	1702426.3303
L	134+72.00	77.00	844556.6440	1702452.9197
L	134+74.00	87.00	844554.4581	1702462.8807
L	134+80.00	77.00	844563.9700	1702456.1336
L	135+31.00	-52.50	844662.6985	1702358.0319
L	135+59.00	-102.00	844708.2256	1702323.9506
L	135+69.50	-52.50	844697.9550	1702373.4987
L	135+89.00	-86.00	844729.2704	1702350.6548
L	136+09.00	-88.00	844748.3890	1702356.8580
L	136+14.54	-59.91	844742.1768	1702384.8054
L	136+16.00	-52.50	844740.5376	1702392.1795
L	136+40.00	-92.00	844778.3844	1702365.6488
*L	136+44.80	-64.89	844771.8933	1702392.4033
L	136+47.00	-52.50	844768.9261	1702404.6333
L	136+53.00	74.50	844723.4000	1702523.3447
L	136+57.00	85.50	844722.6439	1702535.0249
L	136+62.00	74.50	844731.6418	1702526.9603
L	136+65.00	85.50	844729.9700	1702538.2388
L	136+72.81	-69.50	844799.3895	1702399.4336
L	137+75.00	-52.50	844886.1427	1702456.0556
L	137+75.00	-96.75	844903.9196	1702415.5335
L	137+95.00	-96.75	844922.2347	1702423.5682
L	137+95.00	-52.50	844904.4578	1702464.0904
L	139+00.00	76.00	844948.9889	1702623.9473
L	141+05.00	81.00	845134.7101	1702710.8821
L	141+90.00	-72.50	845274.2158	1702604.4613
L	142+10.62	-82.71	845297.2025	1702603.3937
L	142+15.87	-73.98	845298.5049	1702613.4968
L	142+25.00	49.50	845257.2554	1702730.2442
L	142+25.74	86.00	845243.2714	1702763.9673
L	142+26.69	-56.00	845301.1882	1702634.3113
L	142+27.50	172.50	845210.1311	1702843.8865
L	142+36.01	218.88	845198.8901	1702890.6883
L	142+37.41	-96.38	845327.2240	1702601.6351
*L	142+49.72	-75.92	845330.2768	1702625.3159
*L	142+61.53	-56.30	845333.2057	1702648.0355
L	142+73.50	49.50	845301.6695	1702749.7285
L	142+74.15	88.00	845286.7952	1702785.2450
L	142+75.50	168.50	845255.6943	1702859.5068
L	142+82.00	204.83	845247.0575	1702895.3850
L	142+99.00	-56.50	845367.6068	1702662.8995
L	142+99.00	-78.75	845376.5440	1702642.5272
L	143+23.00	90.00	845330.7290	1702806.7025
L	143+29.00	102.00	845331.4027	1702820.1020
L	143+36.00	89.00	845343.0356	1702811.0094
L	143+40.00	97.00	845343.4847	1702819.9424
L	144+25.00	-57.20	845483.2735	1702712.8766
L	144+25.00	-76.75	845491.1257	1702694.9775
L	144+45.00	-57.32	845501.6332	1702720.8095
L	144+45.00	-76.75	845509.4408	1702703.0123
L	144+72.00	88.00	845467.9800	1702864.7298
L	146+21.12	-68.90	845670.5091	1702790.3591
L	146+22.00	94.00	845591.5915	1702932.8696
L	146+22.00	84.00	845596.4852	1702924.1488
L	146+22.71	-99.20	845686.8012	1702764.7514
L	146+33.00	84.50	845605.2742	1702929.6978
L	146+33.00	94.00	845600.5646	1702937.9482
L	146+49.94	-71.98	845698.2179	1702802.6947
L	146+50.83	-97.86	845712.1233	1702780.8385
L	148+26.43	72.78	845764.6054	1703020.8018
L	149+53.53	122.63	845824.5172	1703134.8233
L	149+55.31	112.39	845832.5811	1703128.3146

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024.


DocuSigned by:

 Clinton B. Osborne
 04AF0805F84408
 Professional Land Surveyor L-3834

(CONTINUED) ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	149+62.14	123.87	845829.5417	1703141.0485
L	149+63.88	113.50	845837.7092	1703134.4563
L	151+64.08	93.72	845980.8948	1703255.1683
L	152+94.94	-84.40	846200.6222	1703244.3620
L	153+02.03	-58.52	846184.8009	1703266.0300
L	153+22.11	-91.21	846222.8832	1703261.3608
L	153+25.65	-79.27	846215.7499	1703271.5738
L	153+50.40	72.34	846112.6247	1703385.4233
L	154+77.36	-60.71	846295.7935	1703401.7743
L	154+77.36	-55.50	846291.7200	1703405.0214
L	154+88.16	-60.85	846302.6363	1703410.1336
L	154+88.16	-75.85	846314.3683	1703400.7865
L	154+93.18	85.34	846191.4457	1703505.1777
L	154+93.18	75.90	846198.8308	1703499.2966
L	154+96.51	-75.95	846319.6488	1703407.2516
L	154+96.51	-61.51	846308.3563	1703416.2570
L	154+99.18	76.08	846202.4276	1703504.1035
L	154+99.18	85.50	846195.0603	1703509.9694
L	155+07.63	-61.41	846315.2096	1703425.0100
L	155+07.63	-55.50	846310.5908	1703428.6971
L	156+96			

RIGHT OF WAY CONTROL SHEET

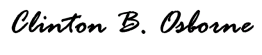
PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW03E-6
Location and Surveys	
 Stantec <small>ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com</small>	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

(CONTINUED) ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	242+77.00	105.50	853176.1679	1705934.7191
L	243+79.68	103.58	853274.5690	1705805.3256

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024.

DocuSigned by:

046F6B05F6449B
 Clinton B. Osborne
 Professional Land Surveyor L-3834

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y17	13+24.98	-73.35	850455.7063	1707342.4563
Y17	13+79.53	-59.92	850419.3832	1707310.9669
Y17	15+90.00	-75.00	850538.7207	1707498.1028
Y17	15+90.00	-85.50	850548.3803	1707493.9866
Y17	15+98.00	-75.00	850542.0490	1707505.9958
Y17	15+99.00	-85.00	850551.6934	1707503.1422
Y17	17+30.00	68.50	850459.7555	1707683.0095
Y17	17+38.00	72.00	850459.5647	1707691.7395
Y17	17+43.40	30.00	850500.4595	1707680.7472
Y17	17+51.85	30.00	850503.6744	1707688.5558
Y17	17+59.25	-30.21	850562.1704	1707672.4732
Y17	17+59.64	-47.55	850578.3492	1707666.2351

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y27	12+58.00	145.50	852611.8553	1704987.6277
Y27	12+74.25	31.33	852725.2041	1705008.3118
Y27	12+74.50	47.89	852708.6473	1705007.7389
Y27	13+00.49	-49.00	852803.9342	1705039.1138
Y27	13+02.10	-28.63	852783.5012	1705039.4776
Y27	13+03.00	155.00	852600.1860	1705028.6906
Y27	13+28.50	38.78	852714.4212	1705061.0362
Y27	13+36.50	-52.00	852804.2897	1705076.1546
Y27	13+36.75	-28.64	852780.9809	1705074.5280

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y20	12+75.00	-64.26	851617.7591	1706819.4485
Y20	12+75.00	-81.17	851633.8470	1706814.2315
Y20	12+75.00	-106.32	851657.7750	1706806.4722
Y20	12+99.14	-170.73	851726.4910	1706809.5722
Y20	13+13.00	-207.00	851765.2630	1706811.5644
Y20	13+47.31	-155.55	851726.9023	1706860.0696
Y20	13+56.00	-179.00	851751.8924	1706861.1045
Y20	13+67.50	-260.50	851832.9654	1706846.9039
Y20	14+02.50	-225.00	851809.9928	1706891.1476
Y20	14+22.80	-131.58	851727.5520	1706939.8284
Y20	14+28.00	-159.00	851755.4337	1706937.0302
Y20	14+49.72	-122.75	851727.8025	1706970.5828
Y20	14+56.00	-152.00	851757.8125	1706968.9412
Y20	16+41.00	60.00	851592.2038	1707200.9906
Y20	17+17.59	79.63	851581.3578	1707275.4313
Y20	17+68.00	72.70	851591.6878	1707322.3653
Y20	19+16.45	-67.70	851731.8674	1707469.6354

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y29	26+77.33	-92.50	852684.6663	1705429.2017
Y29	27+05.00	-60.00	852647.9796	1705407.3869
Y29	27+70.54	63.76	852545.9632	1705311.4459
Y29	28+00.95	55.00	852518.7697	1705330.1681
Y29	28+02.08	104.43	852500.3434	1705284.2774
Y29	28+28.27	86.14	852478.1268	1705312.9542
Y29	28+28.84	94.11	852474.3151	1705305.9207
Y29	31+33.27	60.00	852339.6386	1705621.2623
Y29	31+73.28	102.75	852361.6505	1705670.7397
Y29	31+81.44	44.02	852225.6306	1705615.0845
Y29	34+53.57	125.69	852349.6732	1705882.8531
Y29	34+72.48	-143.28	852369.0886	1705893.7699
Y29	34+78.49	-96.14	852323.4500	1705906.3943
Y29	34+94.00	-64.73	852295.1683	1705925.2079
Y29	35+34.43	49.76	852194.4448	1705992.4580
Y29	34+94.00	-64.73	852295.1683	1705925.2079
Y29	35+34.43	49.76	852194.4448	1705992.4580

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y5	18+28.86	80.57	841868.1326	1700784.0163
Y5	18+43.16	60.00	841886.8576	1700800.6592

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
* Y24	10+94.00	62.00	852633.4524	1705629.8726

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y7	12+28.80	-37.03	843465.0858	1701810.4830

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y26	11+78.53	-50.00	843331.6365	1702351.3370
Y26	13+58.00	-70.18	843476.0120	1702277.1735
Y26	13+58.00	-58.93	843480.2230	1702287.6094
Y26	13+58.00	-52.90	843482.4775	1702293.1966
Y26	13+58.00	-40.00	843487.3048	1702305.1596
Y26	13+81.00	-61.44	843502.0593	1702276.3924
Y26	13+81.00	-55.40	843504.1866	1702282.0450

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y14	10+20.00	56.82	848321.6276	1705904.6003

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
DWAY20	10+54.55	-12.66	852228.7201	1705584.0856
DWAY20	11+37.60	-56.76	852134.7916	1705579.6224
DWAY20	11+38.69	-26.53	852149.2849	1705553.0754
DWAY20	12+19.72	-51.16	852062.0052	1705489.8032
DWAY20	12+27.48	-96.87	852014.5820	1705492.4781
DWAY20	13+82.41	-36.78	852072.6900	1705307.6095
DWAY20	13+87.56	-83.97	852025.8964	1705299.6549
DWAY20	14+54.44	-102.88	852010.9943	1705231.7657
DWAY20	14+66.42	-60.54	852053.9711	1705222.3320

MARKER EXCEPTIONS:
 * = SET MAG NAIL
 ** = SET GOD NAIL
 *** = NO POINT SET
 **** = EXISTING IRON PIN
 Δ = SET REBAR NO CAP

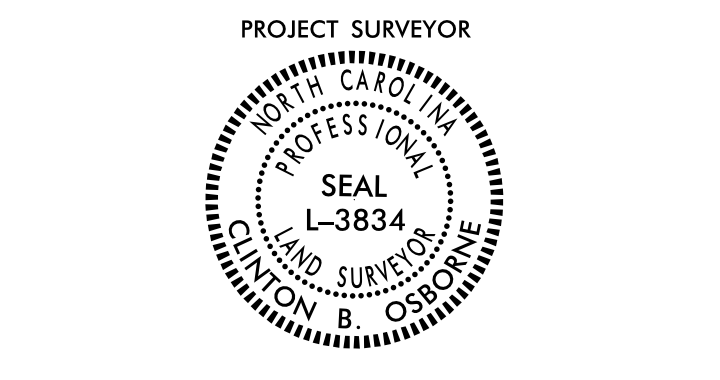
NOTES:

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 03-16-2022 TO 09-02-2024.

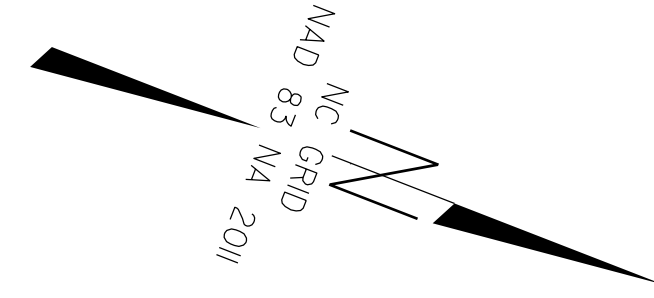
R/W MARKERS:

- 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

Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

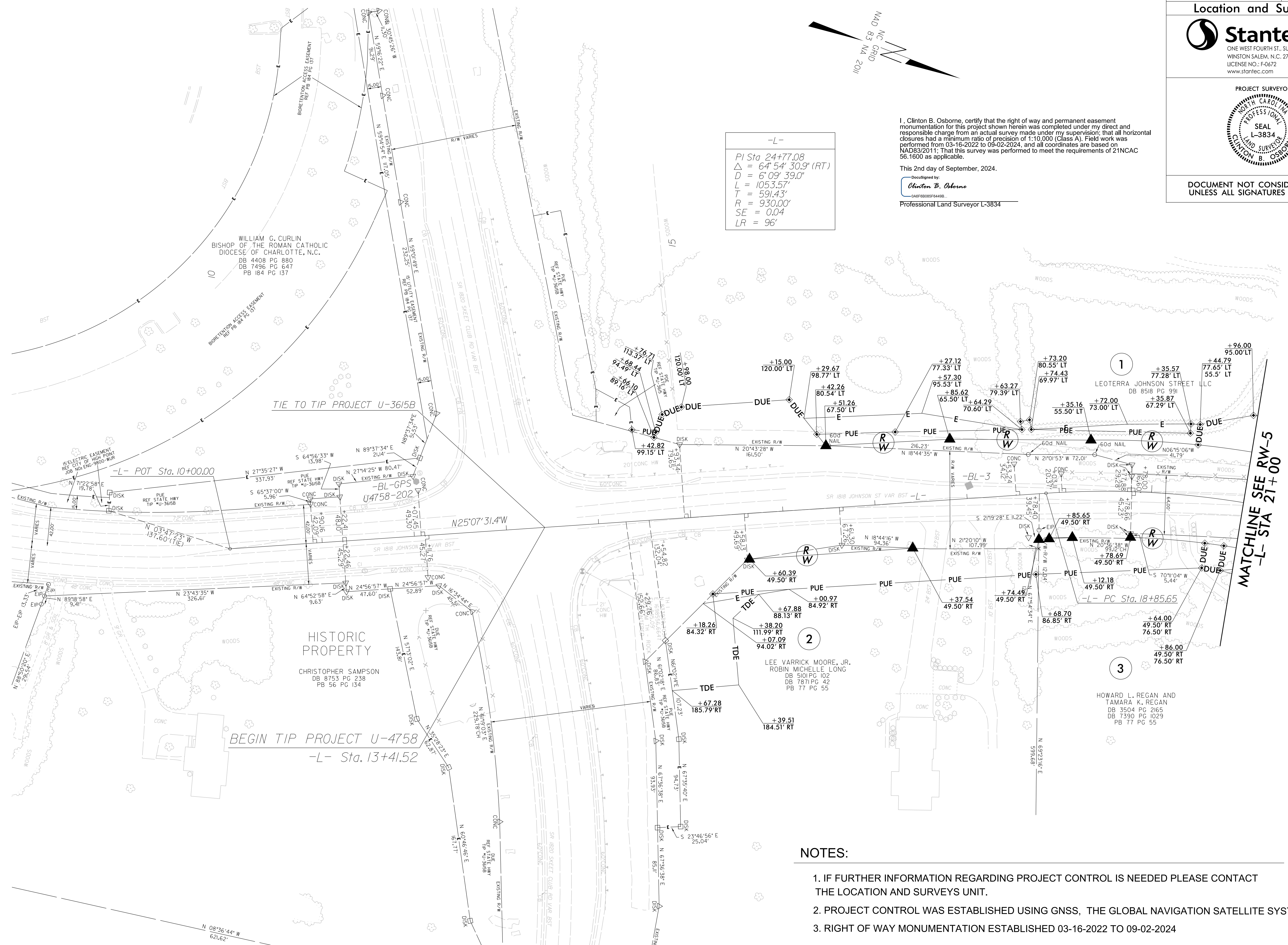


-L-

PI Sta 24+77.08
 $\Delta = 64^{\circ}54'30.9''$ (RT)
 $D = 6^{\circ}09'39.0''$
 $L = 1053.57'$
 $T = 591.43'$
 $R = 930.00'$
 $SE = 0.04$
 $LR = 96'$

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024.
 Deed Signed by:
 Clinton B. Osborne
 Professional Land Surveyor L-3834

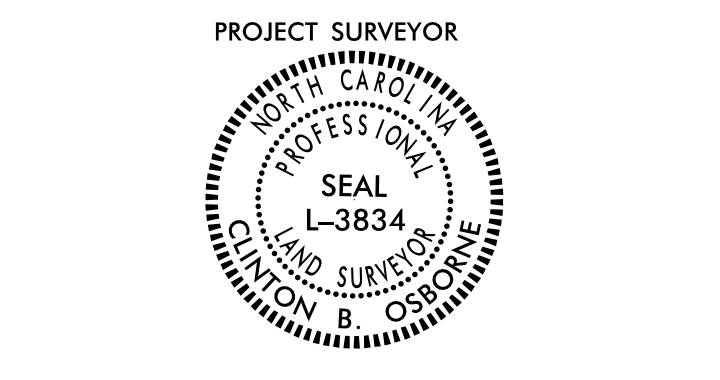


NOTES:

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 03-16-2022 TO 09-02-2024

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 cosborne

Location and Surveys



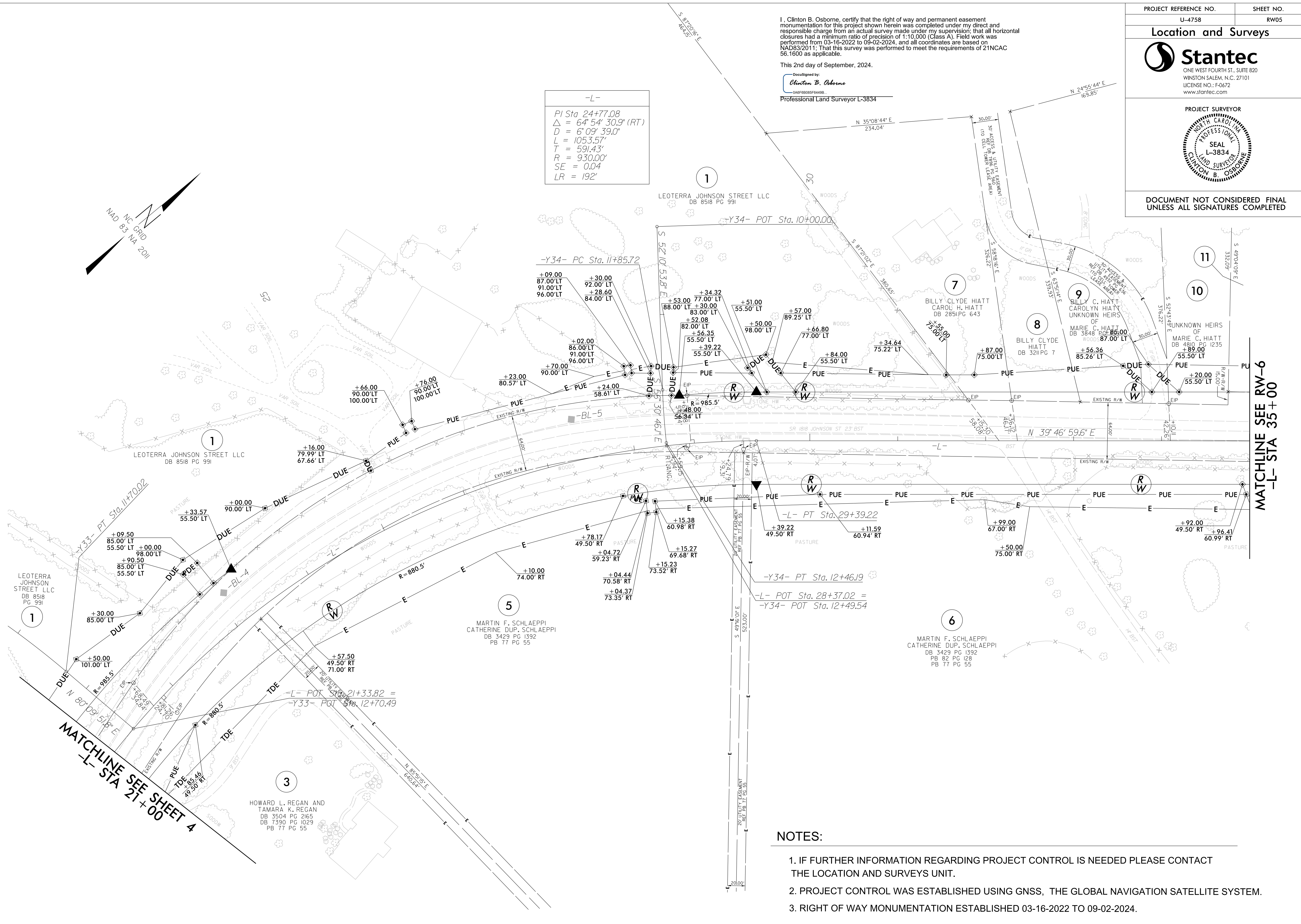
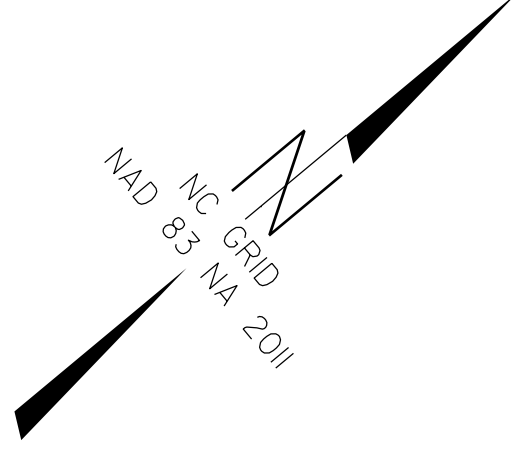
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024.

DocuSigned by:
Clinton B. Osborne
0A6F6B08F6449B
Professional Land Surveyor L-3834

-L-
PI Sta 24+77.08
 $\Delta = 64^{\circ} 54' 30.9'' (RT)$
 $D = 6' 09' 39.0''$
 $L = 1053.57'$
 $T = 591.43'$
 $R = 930.00'$
 $SE = 0.04$
 $LR = 192'$


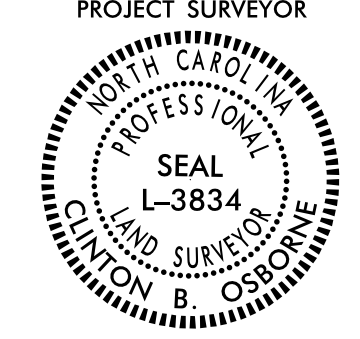


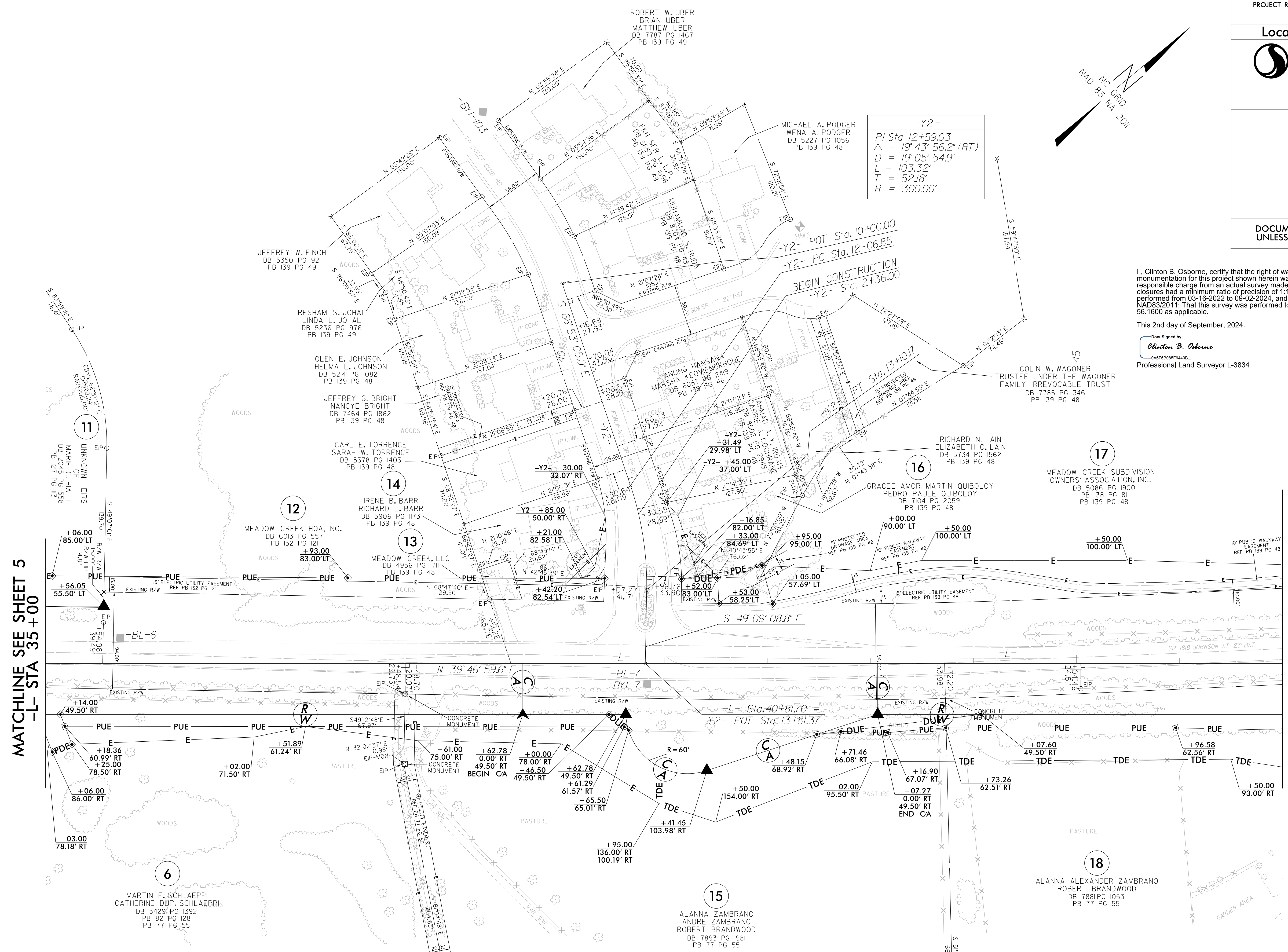
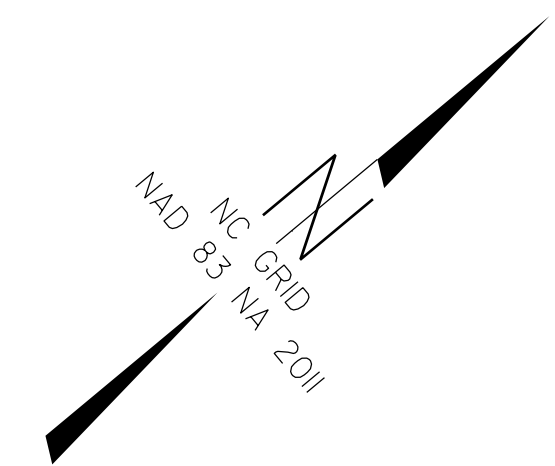
MATCHLINE SEE RW-6
-L- STA 35+00

MATCHLINE SEE SHEET 4
-L- STA 21+00

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 03-16-2022 TO 09-02-2024.

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW06
Location and Surveys	
 Stantec ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR	
 CLINTON B. OSBORNE PROFESSIONAL LAND SURVEYOR SEAL L-3834	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	




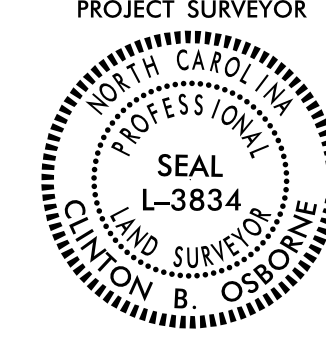
I, Clinton B. Osborne, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024.
 DocuSigned by:
Clinton B. Osborne
 046FF6005F8448R
 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 03-16-2022 TO 09-02-2024.

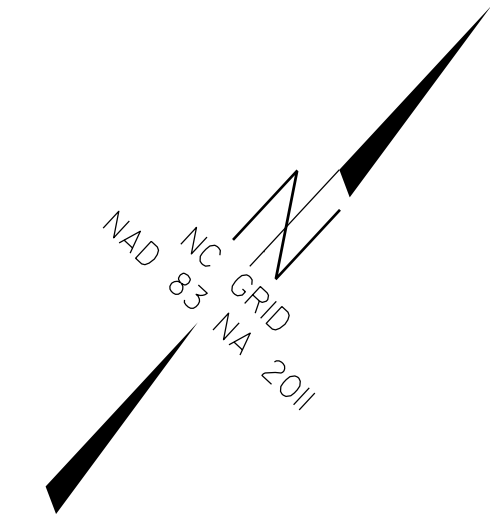
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PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW07
Location and Surveys	
 ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR  CLINTON B. OSBORNE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

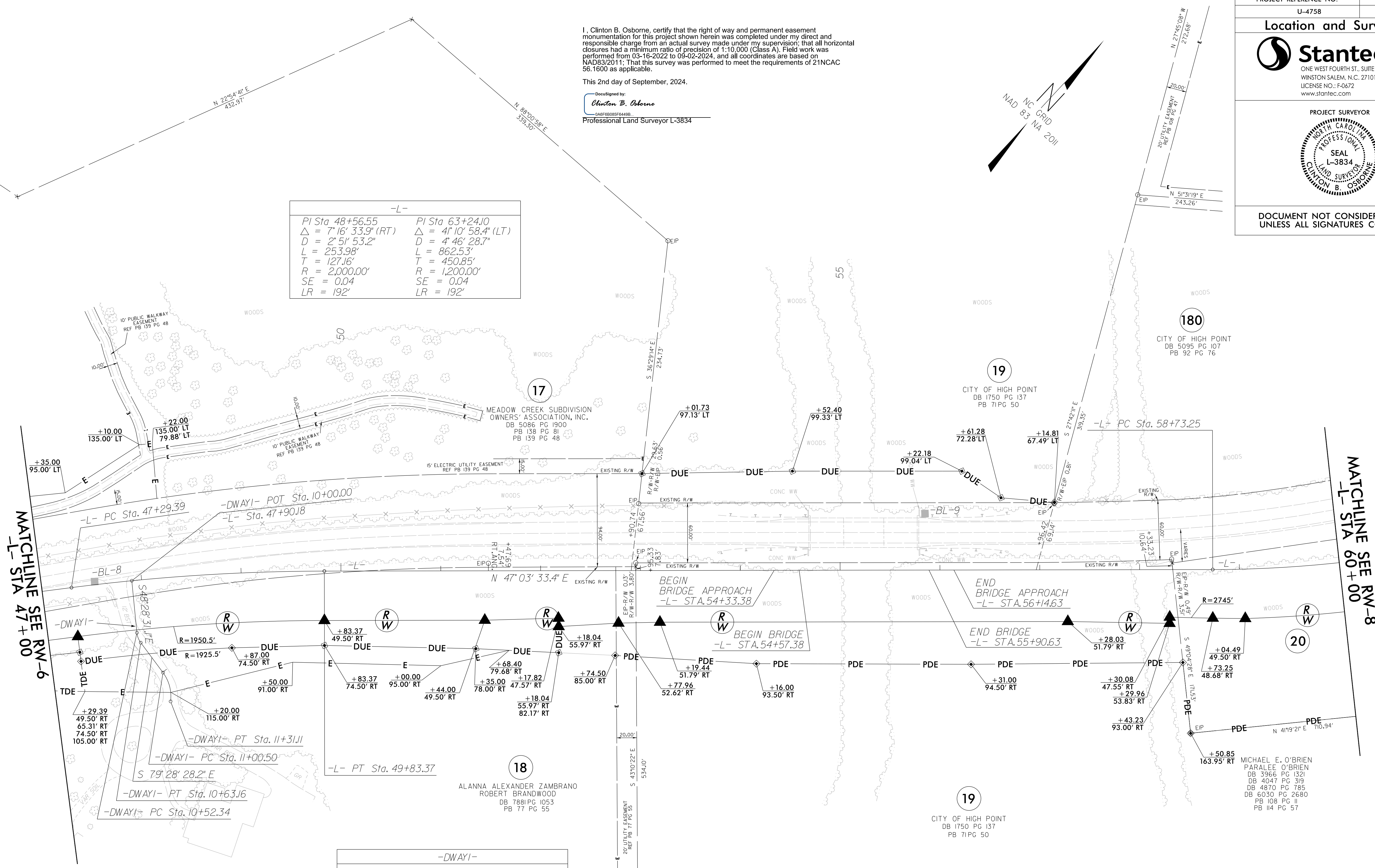
This 2nd day of September, 2024.

DocuSigned by:
Clinton B. Osborne
0A8FF6B08F6440B
 Professional Land Surveyor L-3834



-L-	
PI Sta 48+56.55	PI Sta 63+24.10
$\Delta = 7^{\circ}16'33.9"$ (RT)	$\Delta = 4^{\circ}10'58.4"$ (LT)
D = 2' 51' 53.2"	D = 4' 46' 28.7"
L = 253.98'	L = 862.53'
T = 127.16'	T = 450.85'
R = 2,000.00'	R = 1,200.00'
SE = 0.04	SE = 0.04
LR = 192'	LR = 192'

-DWAY1-	
PI Sta 10+57.89	PI Sta 11+16.60
$\Delta = 30^{\circ}59'57.1"$ (LT)	$\Delta = 43^{\circ}50'29.2"$ (RT)
D = 286' 28' 44.0"	D = 143' 14' 22.0"
L = 10.82'	L = 30.61'
T = 5.55'	T = 16.10'
R = 20.00'	R = 40.00'



NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
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3. RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2022 TO 09-02-2024.

19-SEP-2024 16:16
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I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024.

Drawn by: **Clinton B. Osborne**
Professional Land Surveyor L-3834

-L-
PI Sta 82+55.54
 $\Delta = 17' 49" 37.3" (LT)$
 $D = 3' 10' 59.2"$
 $L = 560.05'$
 $T = 282.31'$
 $R = 1,800.00'$
 $SE = 0.04$
 $LR = 192'$

-Y4-
PI Sta 12+22.84
 $\Delta = 8' 22' 01.9" (RT)$
 $D = 10' 36' 37.2"$
 $L = 78.86'$
 $T = 39.50'$
 $R = 540.00'$

-DWAY3-
PI Sta 10+59.14 PI Sta 11+45.97
 $\Delta = 16' 19' 57.2" (LT)$ $\Delta = 11' 06' 35.9" (RT)$
 $D = 229' 10' 59.2"$ $D = 38' 11' 49.9"$
 $L = 7.13'$ $L = 29.09'$
 $T = 3.59'$ $T = 14.59'$
 $R = 25.00'$ $R = 150.00'$

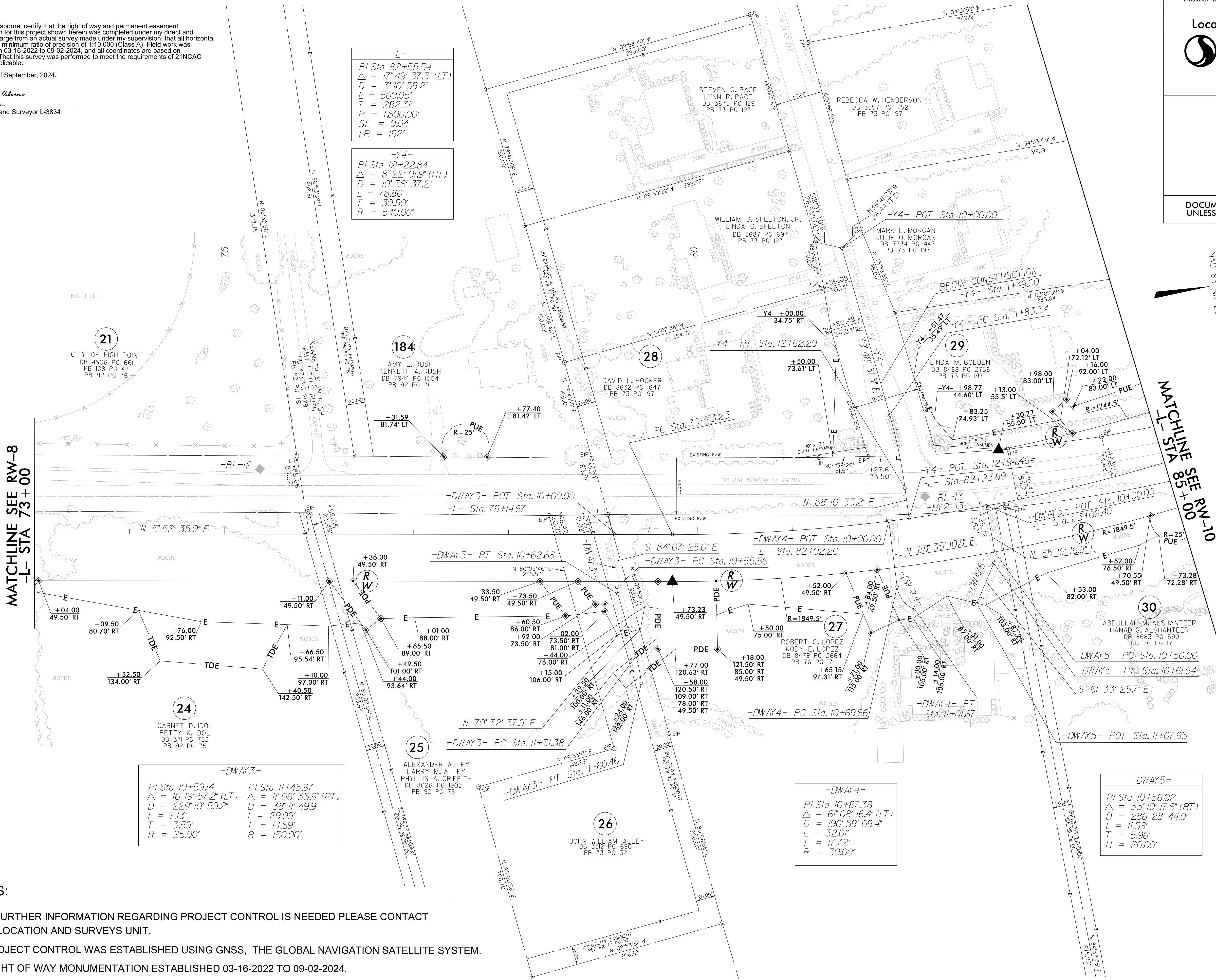
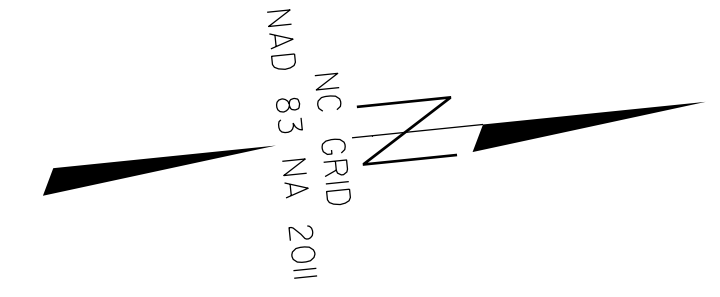
-DWAY4-
PI Sta 10+87.38
 $\Delta = 61' 08' 16.4" (LT)$
 $D = 190' 59' 09.4"$
 $L = 32.01'$
 $T = 17.72'$
 $R = 30.00'$

-DWAY5-
PI Sta 10+56.02
 $\Delta = 33' 10' 17.6" (RT)$
 $D = 286' 28' 44.0"$
 $L = 11.58'$
 $T = 5.96'$
 $R = 20.00'$


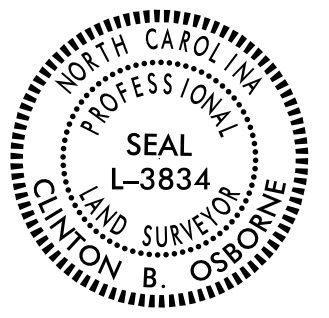
NOTES:

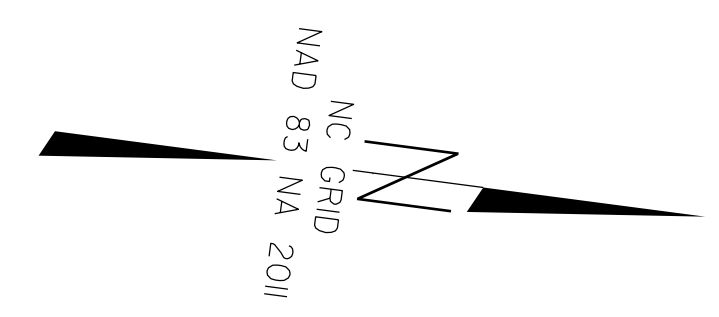
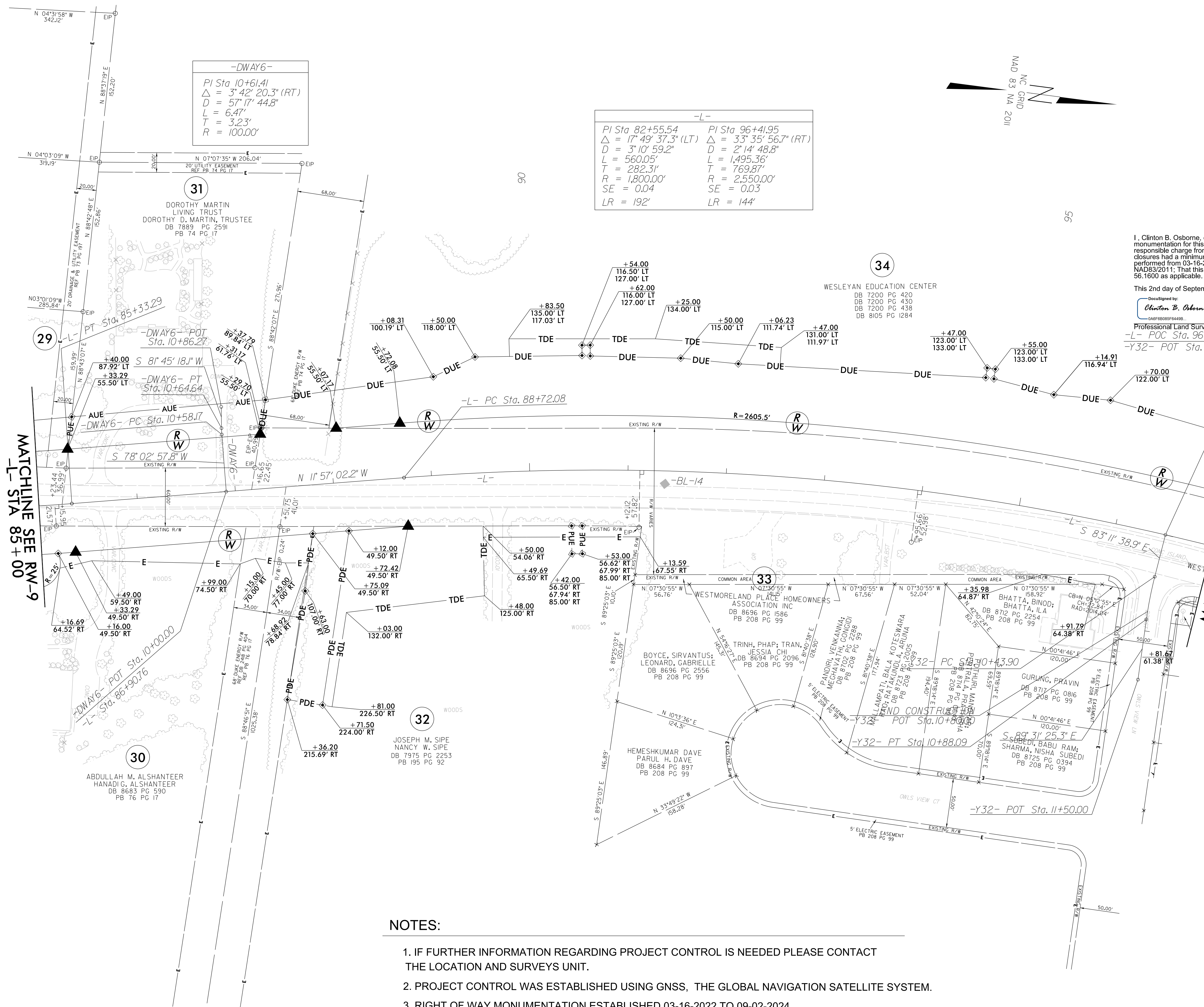
- 1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- 2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- 3. RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2022 TO 09-02-2024.

PROJECT REFERENCE NO. U-4758 SHEET NO. RW09
Location and Surveys
Stantec
ONE WEST FOURTH ST., SUITE 820
WINSTON SALEM, N.C. 27101
LICENSE NO.: F-0672
www.stantec.com
PROJECT SURVEYOR
CLINTON B. OSBORNE
SEAL L-3834
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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osborne

PROJECT REFERENCE NO.	SHEET NO.
U-4758	RW10
Location and Surveys	
 Stantec ONE WEST FOURTH ST., SUITE 820 WINSTON SALEM, N.C. 27101 LICENSE NO.: F-0672 www.stantec.com	
PROJECT SURVEYOR  CLINTON B. OSBORNE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



-DWAY6-

PI Sta 10+61.41
 $\Delta = 3^\circ 42' 20.3''$ (RT)
 $D = 57^\circ 17' 44.8''$
 $L = 6.47'$
 $T = 3.23'$
 $R = 100.00'$

-L-

PI Sta 82+55.54 $\Delta = 17^\circ 49' 37.3''$ (LT) $D = 3^\circ 10' 59.2''$ $L = 560.05'$ $T = 282.31'$ $R = 1,800.00'$ $SE = 0.04$ $LR = 192'$	PI Sta 96+41.95 $\Delta = 33^\circ 35' 56.7''$ (RT) $D = 2^\circ 14' 48.8''$ $L = 1,495.36'$ $T = 769.87'$ $R = 2,550.00'$ $SE = 0.03$ $LR = 144'$
---	---

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024.

DocuSigned by:
Clinton B. Osborne
OSBP0058564408
 Professional Land Surveyor L-3834
 -L- POC Sta. 96+51.43 =
 -Y32- POT Sta. 10+00.00

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 03-16-2022 TO 09-02-2024.

20-AUG-2024 16:55
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 Clinton B. Osborne

6/2/2024

Location and Surveys

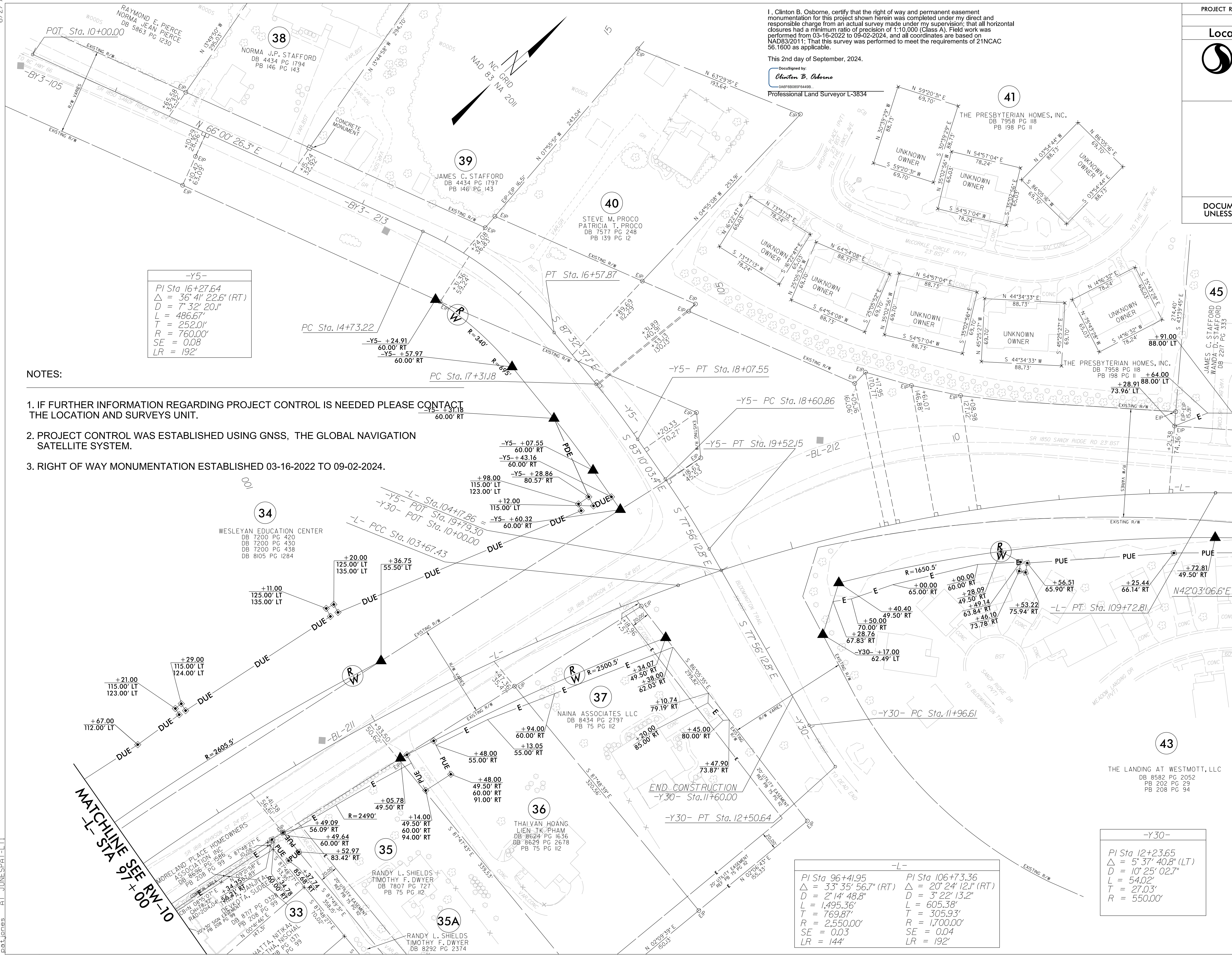


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Clinton B. Osborne, 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 03-16-2022 to 09-02-2024, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024.

DocuSigned by:
Clinton B. Osborne
 0A6F6E05F84498
 Professional Land Surveyor L-3834



-Y5-
 PI Sta. 16+27.64
 $\Delta = 36' 4" 22.6" (RT)$
 $D = 7' 32" 20.1"$
 $L = 486.67'$
 $T = 252.01'$
 $R = 760.00'$
 $SE = 0.08$
 $LR = 192'$

NOTES:

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- RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2022 TO 09-02-2024.

-L-
 PI Sta. 96+41.95
 $\Delta = 33' 35" 56.7" (RT)$
 $D = 2' 14" 48.8"$
 $L = 1,495.36'$
 $T = 769.87'$
 $R = 2,550.00'$
 $SE = 0.03$
 $LR = 144'$

-L-
 PI Sta. 106+73.36
 $\Delta = 20' 24" 12.1" (RT)$
 $D = 3' 22" 13.2"$
 $L = 605.38'$
 $T = 305.93'$
 $R = 1,700.00'$
 $SE = 0.04$
 $LR = 192'$

-Y30-
 PI Sta. 12+23.65
 $\Delta = 5' 37" 40.8" (LT)$
 $D = 10' 25" 02.7"$
 $L = 54.02'$
 $T = 27.03'$
 $R = 550.00'$

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