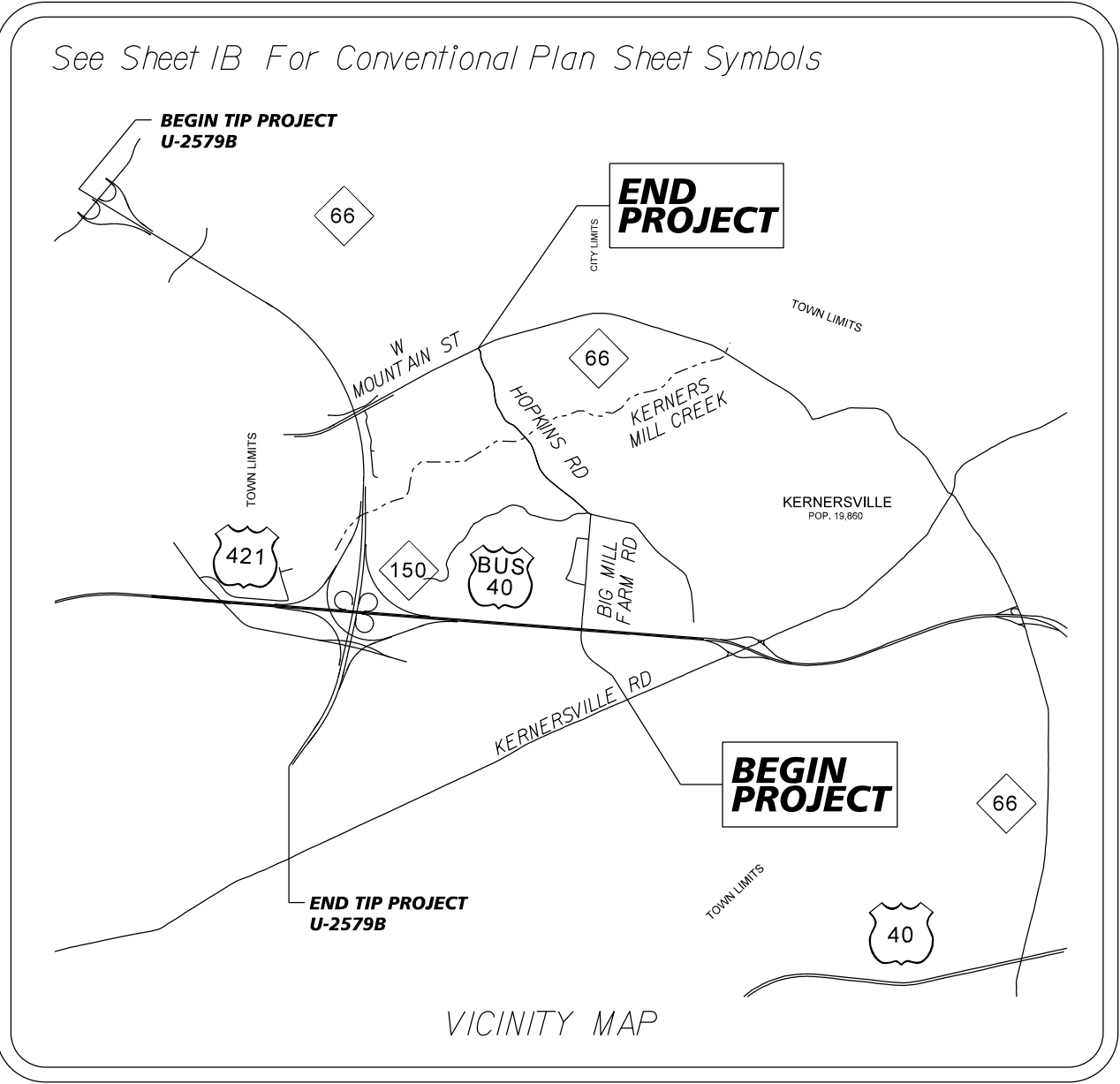


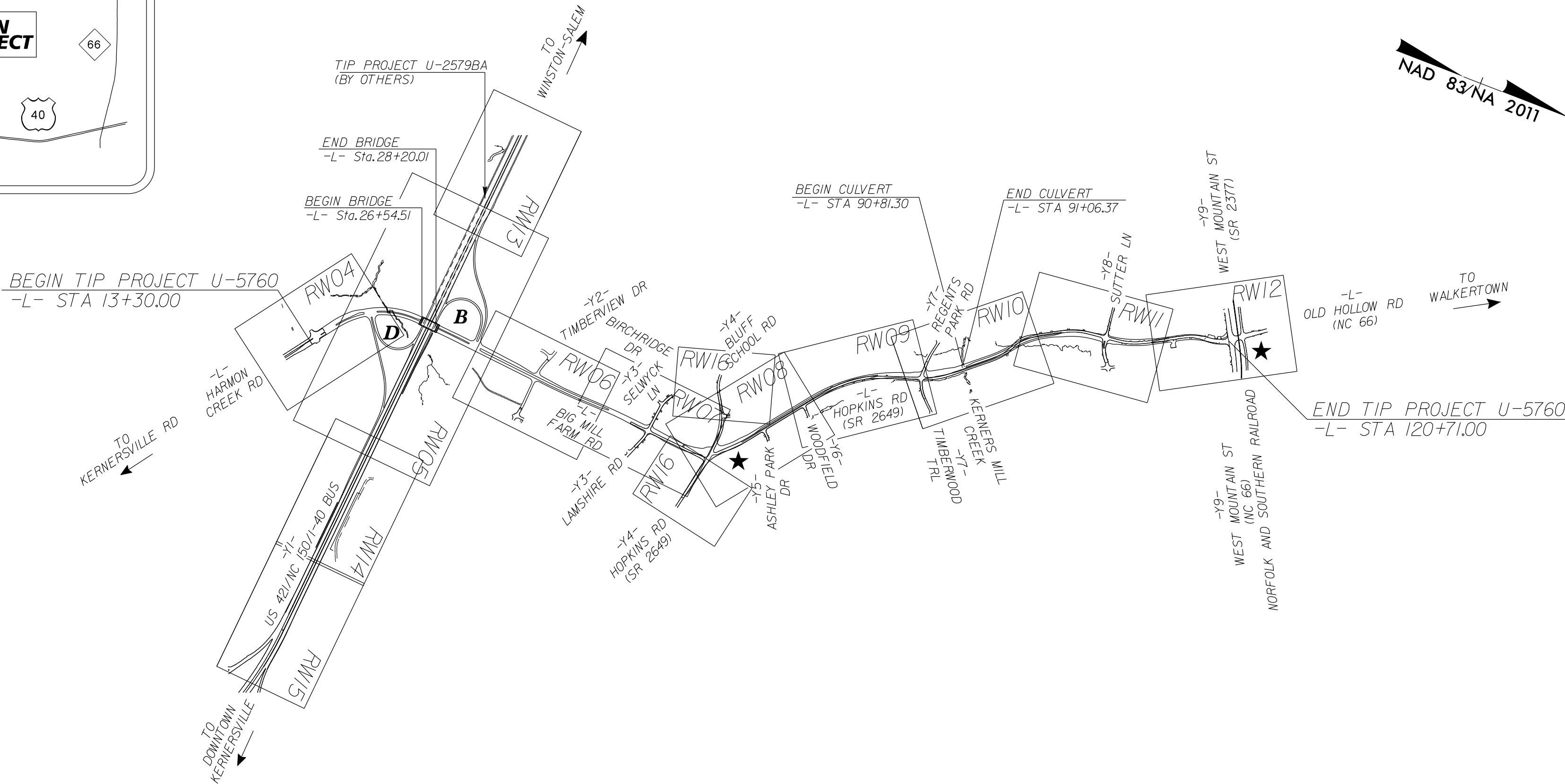
TIP PROJECT: U-5760



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

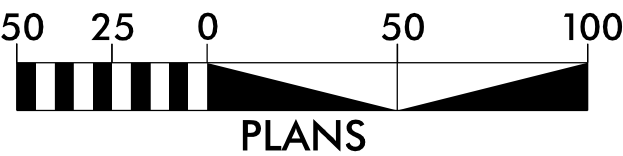
SURVEY CONTROL, EXISTING CENTERLINES,
RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

FORSYTH COUNTY



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALE



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
NCGS FOR MONUMENT "U5760-5"
WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 861426.767(ft) EASTING: 1671934.132(ft)
ELEVATION: 895.39(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
(GROUND TO GRID) IS: 0.9999474727
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"U5760-5" TO -L- STATION 10+00.00 IS
S 52°18'16" E 2,302.72(ft)
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:



801 JONES FRANKLIN ROAD, SUITE 300
RALEIGH, NC 27606
LICENSE NO.: F-0672
www.stantec.com

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
4-15-2022

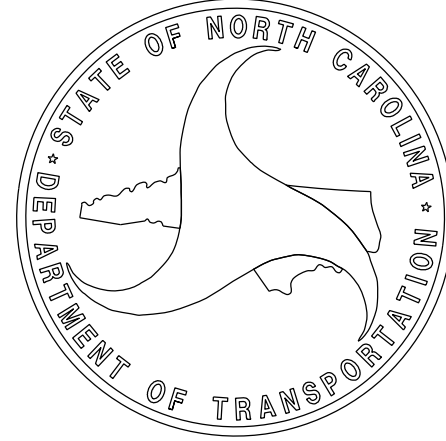
LETTING DATE:
4-15-2025

PROFESSIONAL LAND
SURVEYOR



DocuSigned by:
Tony D. Carpenter
0F33DEE11B134A02
SIGNATURE:

Date:



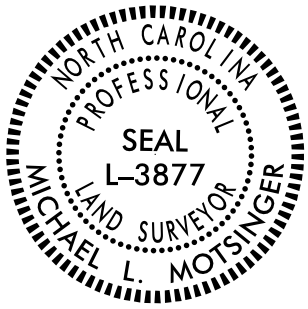
I, Michael L. Motsinger, PLS, certify that the Project Control was [performed/verified] under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
Type of GPS field procedure: RTN
Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project Control if applicable, N/A for RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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 January 2018 to February 2018, 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.

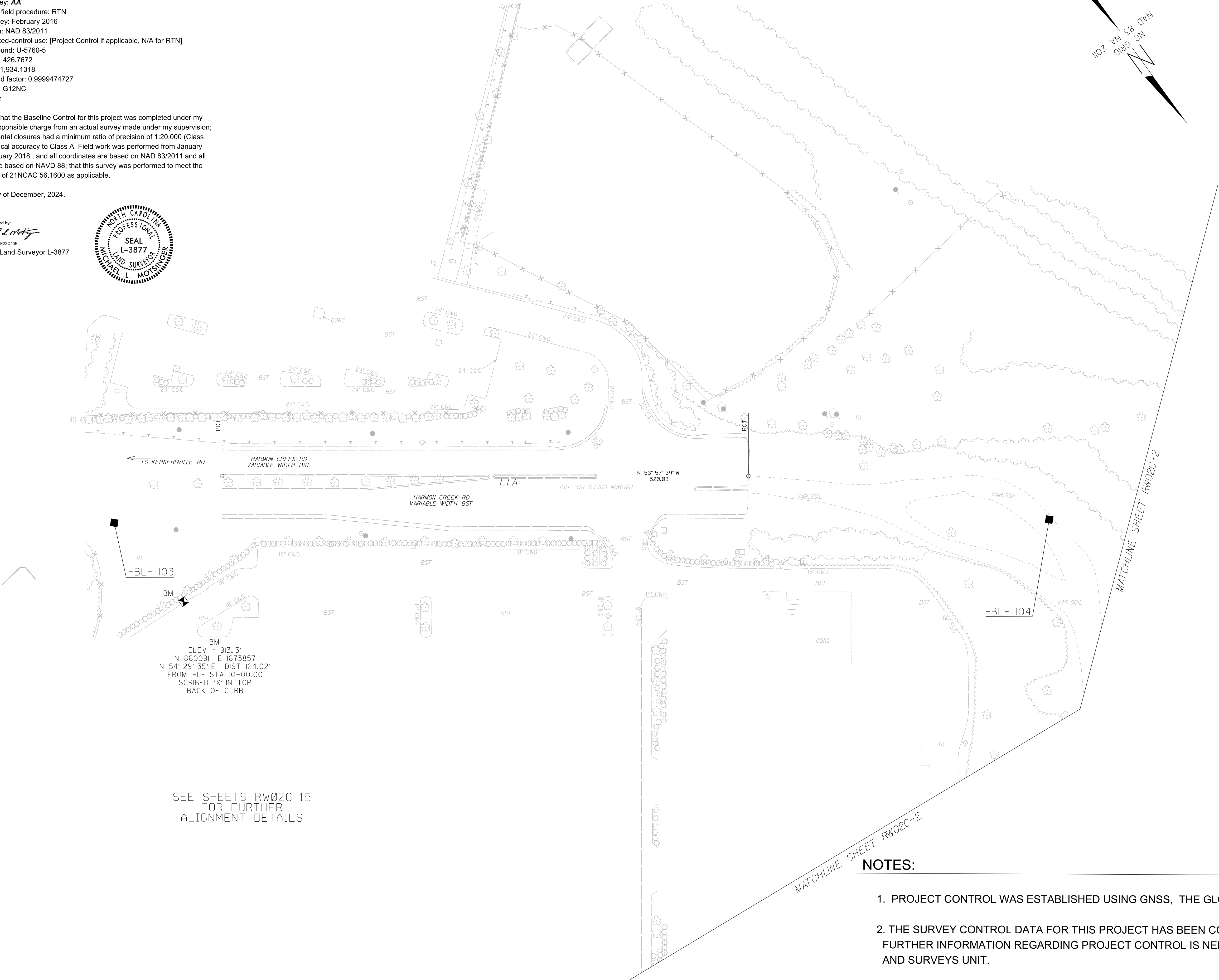
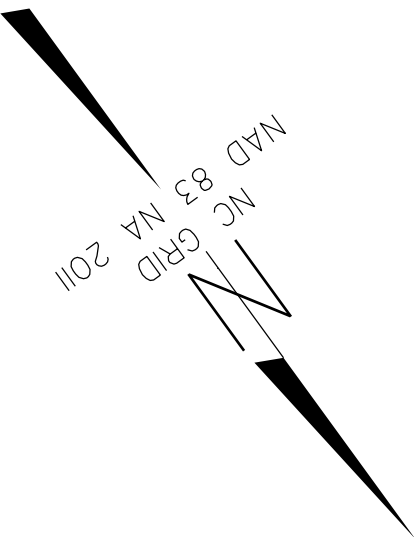
This 10th day of December, 2024.

DocuSigned by:
Michael L. Motsinger
F0B6F70E23C40E
Professional Land Surveyor L-3877



SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



SEE SHEETS RW02C-15
FOR FURTHER
ALIGNMENT DETAILS

NOTES:

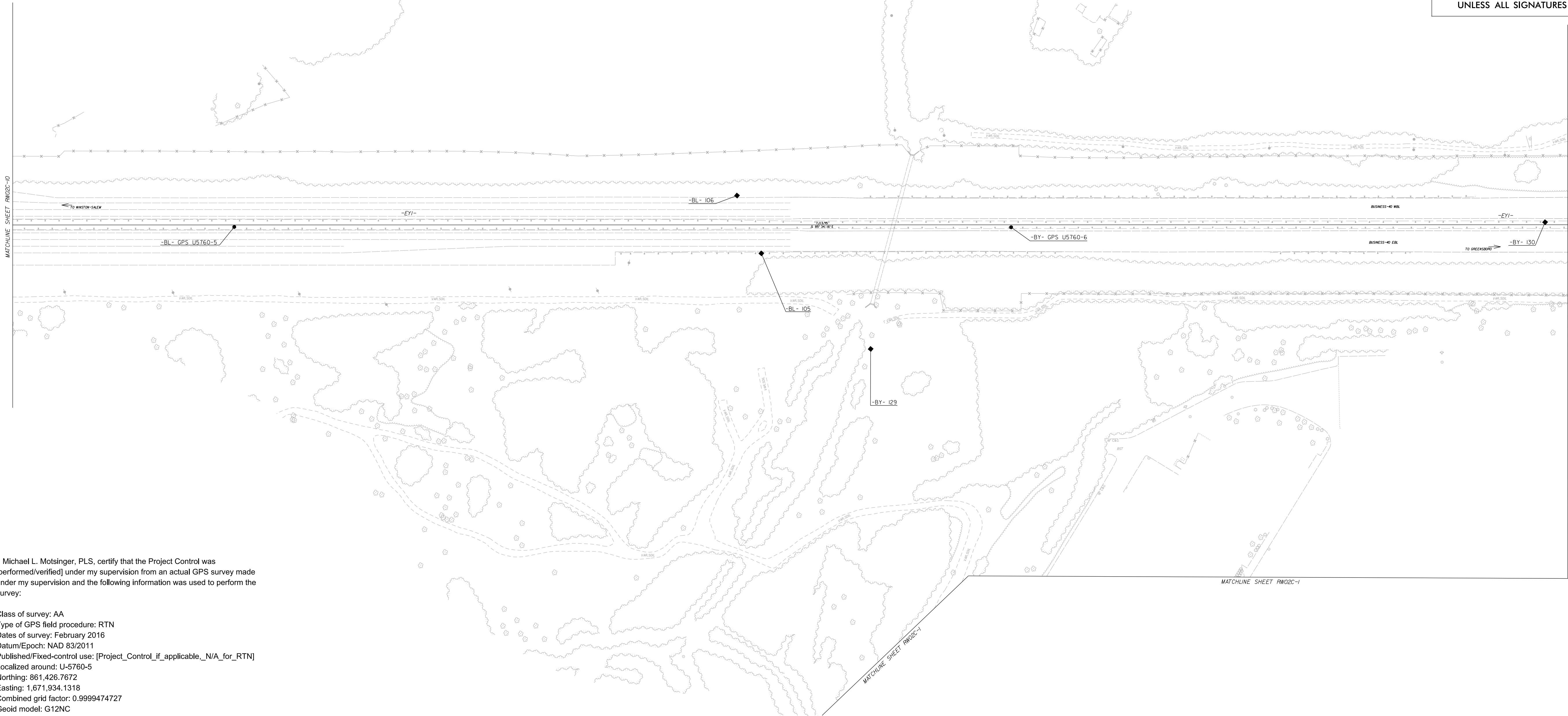
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
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PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-1
Location and Surveys	
INSERT CONSULTANT'S NAME	
PROJECT SURVEYOR NORTH CAROLINA PROFESSIONAL LAND SURVEYOR SEAL L-3877 MICHAEL L. MOTSINGER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

MATCHLINE SHEET RW02C-3



I, Michael L. Motsinger, PLS, certify that the Project Control was [performed/verified] 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: RTN
Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable_N/A_for_RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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This 10th day of December, 2024.

DocuSigned by:

F0B8F670E23C40E
Professional Land Surveyor L-3877



SEE SHEETS RW02C-15
FOR FURTHER
ALIGNMENT DETAILS

NOTES:

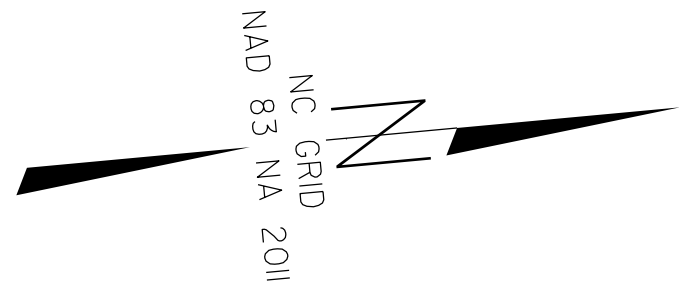
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-2
Location and Surveys	
INSERT CONSULTANT'S NAME	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

MATCHLINE SHEET RW02C-2

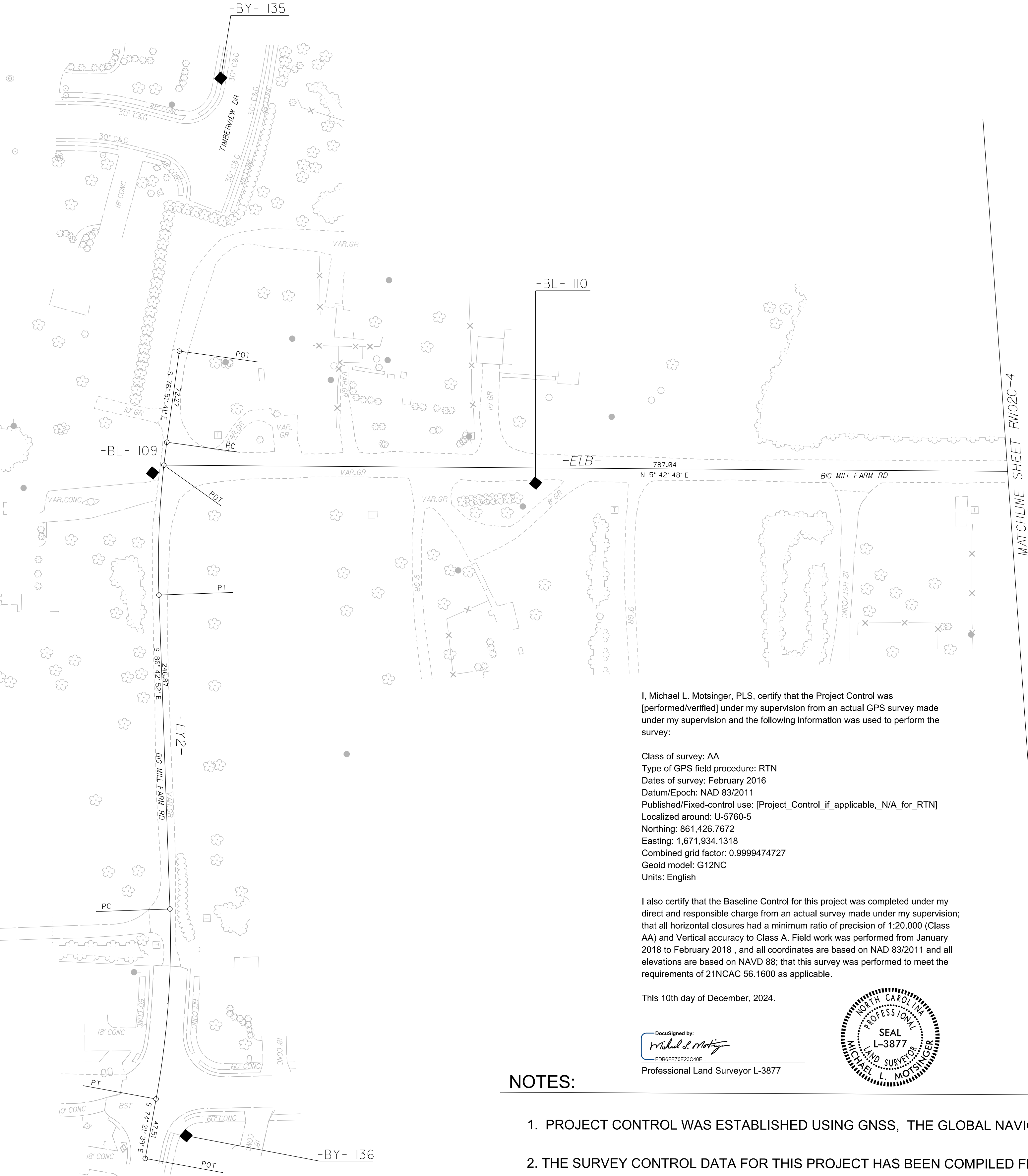
BM2
ELEV = 924.97'
N 862133 E 1672773
-L- STATION 35+00.09
145.51' LEFT
RR SPIKE SET IN
24' POPLAR TREE

SEE SHEETS RW02C-15
FOR FURTHER
ALIGNMENT DETAILS



SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



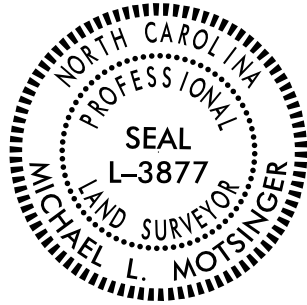
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Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable_N/A_for_RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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This 10th day of December, 2024.

DocuSigned by:
Michael L. Motsinger
Professional Land Surveyor L-3877



NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
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PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-3
Location and Surveys	
PROJECT SURVEYOR NORTH CAROLINA PROFESSIONAL LAND SURVEYOR SEAL L-3877 MICHAEL L. MOTSINGER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Michael L. Motsinger, PLS, certify that the Project Control was [performed/verified] 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: RTN
Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable_N/A_for_RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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This 10th day of December, 2024.

DocuSigned by:
Michael L. Motsinger
F0B8FE7E25C4E

Professional Land Surveyor L-3877

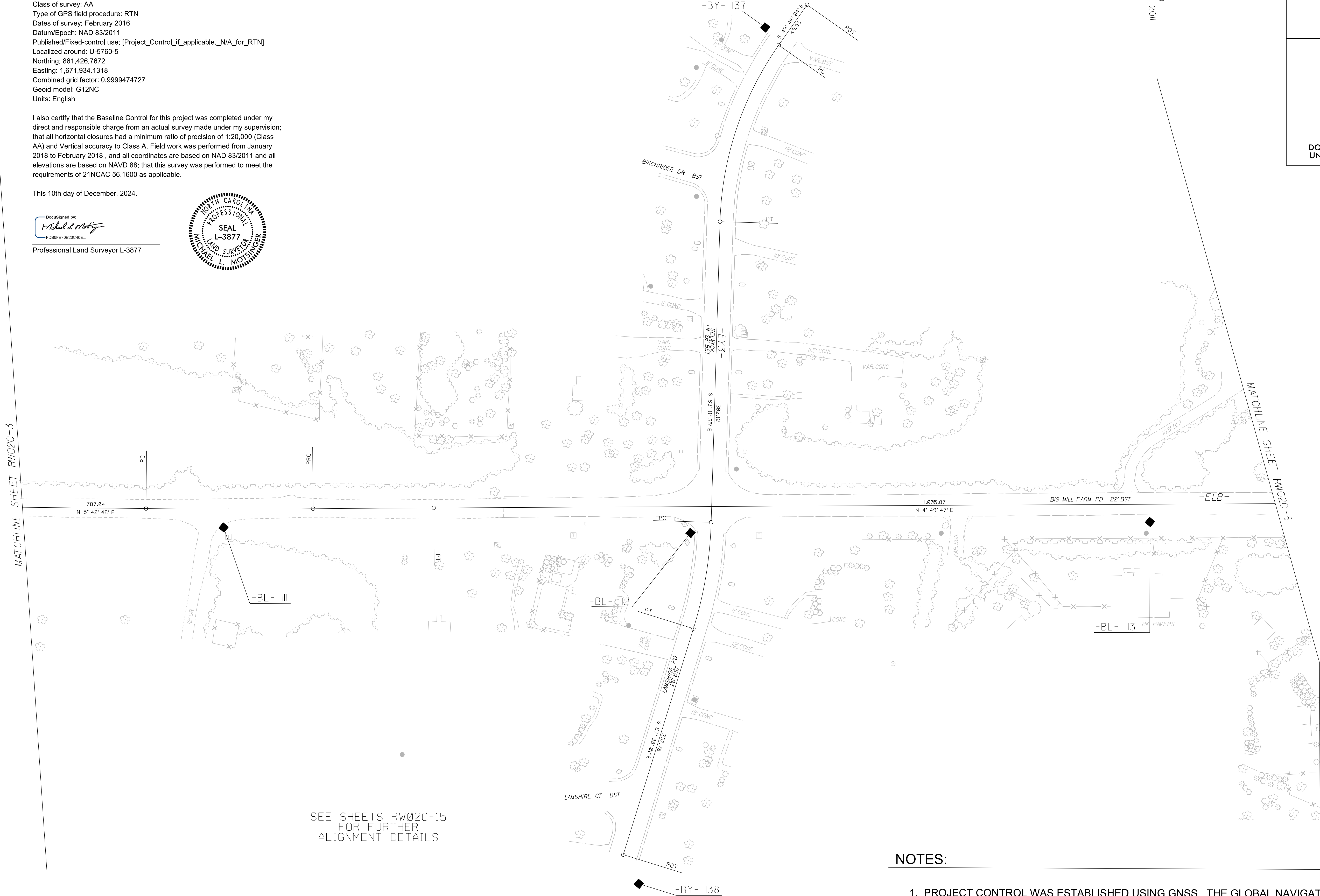


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-4
Location and Surveys	
PROJECT SURVEYOR NORTH CAROLINA PROFESSIONAL LAND SURVEYOR SEAL L-3877 MICHAEL L. MOTSINGER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



SEE SHEETS RW02C-15
FOR FURTHER
ALIGNMENT DETAILS

BM3
ELEV = 959.74'
N 863829 E 1673509
S 59° 17' 52" E DIST 112.36'
FROM -Y3- STA 18+87.00
SCRIBED 'X' IN
TOP BACK OF CURB

NOTES:

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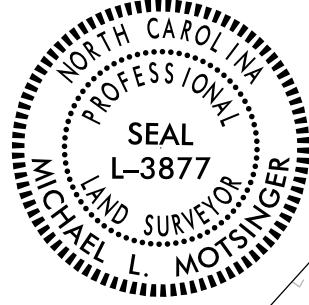
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Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable,_N/A_for_RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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This 10th day of December, 2024.

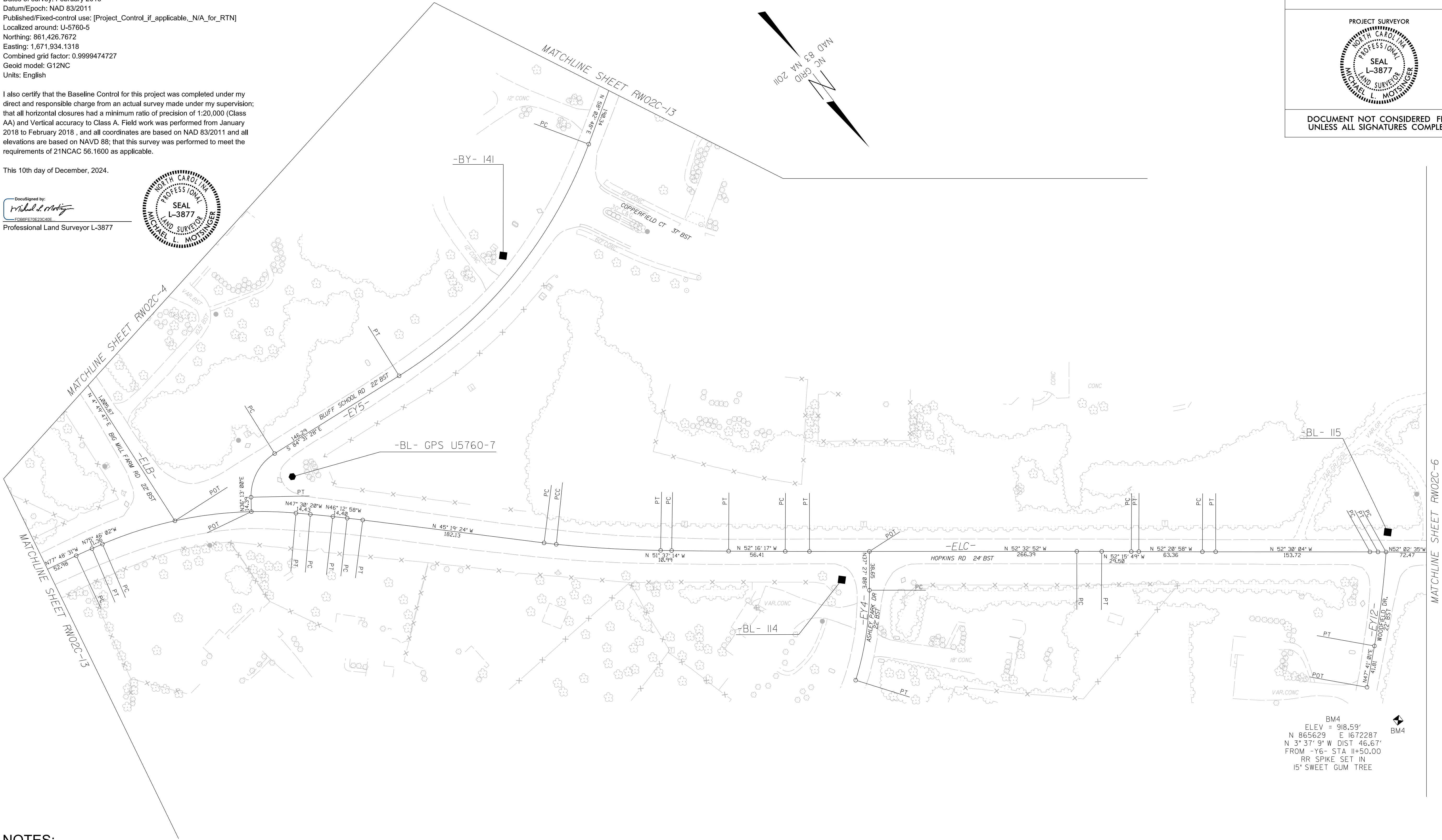
DocuSigned by:
Michael L. Motsinger
Professional Land Surveyor L-3877



SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-5
Location and Surveys	
PROJECT SURVEYOR NORTH CAROLINA PROFESSIONAL LAND SURVEYOR SEAL L-3877 MICHAEL L. MOTSINGER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



BM4
ELEV = 918.59'
N 86°56'23" E 167.2287'
N 3°37'9" W DIST 46.67'
FROM -Y6- STA 11+50.00
RR SPIKE SET IN
15' SWEET GUM TREE

NOTES:

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SEE SHEETS RW02C-15,
RW02C-16, & RW02C-17
FOR FURTHER
ALIGNMENT DETAILS

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Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable,_N/A_for_RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
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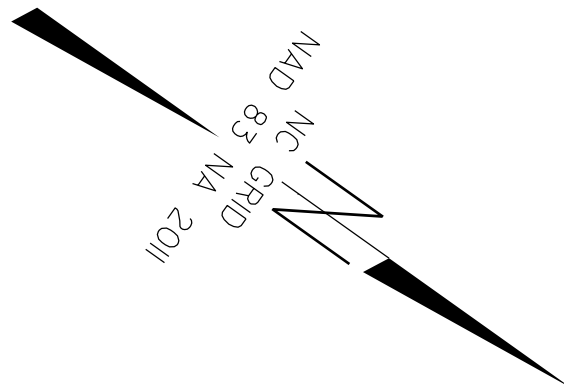
This 10th day of December, 2024.

DocuSigned by:
Michael L. Motsinger
F0B8F70E23C4DE
Professional Land Surveyor L-3877



SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-6
Location and Surveys	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



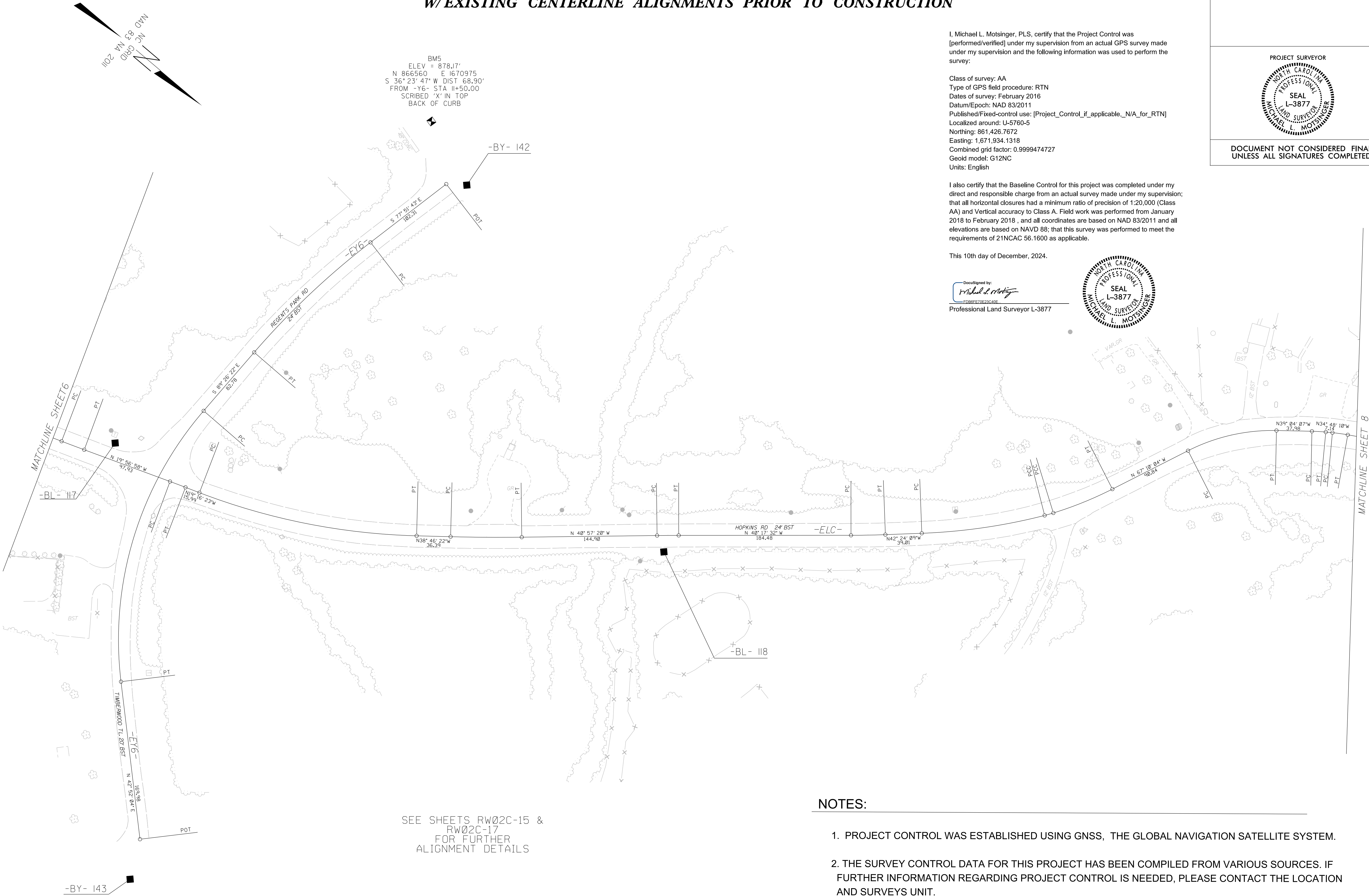
SEE SHEETS RW02C-17
FOR FURTHER
ALIGNMENT DETAILS

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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-7
Location and Surveys	
PROJECT SURVEYOR NORTH CAROLINA PROFESSIONAL LAND SURVEYOR MICHAEL L. MOTSINGER SEAL L-3877	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

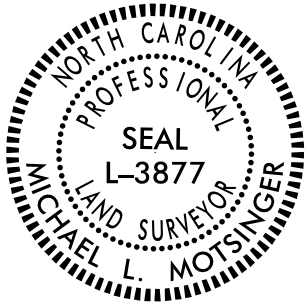
I, Michael L. Motsinger, PLS, certify that the Project Control was [performed/verified] under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: AA
Type of GPS field procedure: RTN
Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable_N/A_for_RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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This 10th day of December, 2024.

DocuSigned by:
Michael L. Motsinger
F0B6FE70E23C40E
Professional Land Surveyor L-3877



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Datum/Epoch: NAD 83/2011
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This 10th day of December, 2024.

DocuSigned by:
Michael L. Motsinger
F0B8F7E7E2C40E

Professional Land Surveyor L-3877



SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-8
Location and Surveys	
PROJECT SURVEYOR NORTH CAROLINA PROFESSIONAL LAND SURVEYOR SEAL L-3877 MICHAEL L. MOTSINGER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



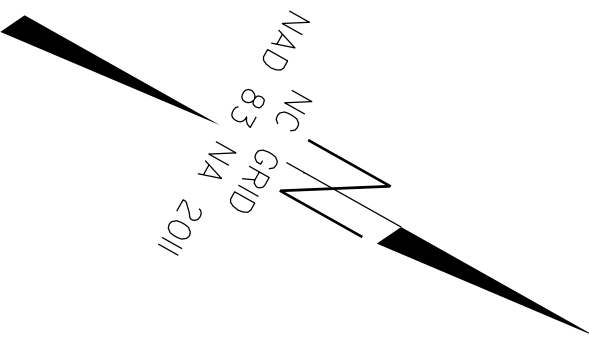
SEE SHEETS RW02C-15 &
RW02C-17
FOR FURTHER
ALIGNMENT DETAILS

NOTES:

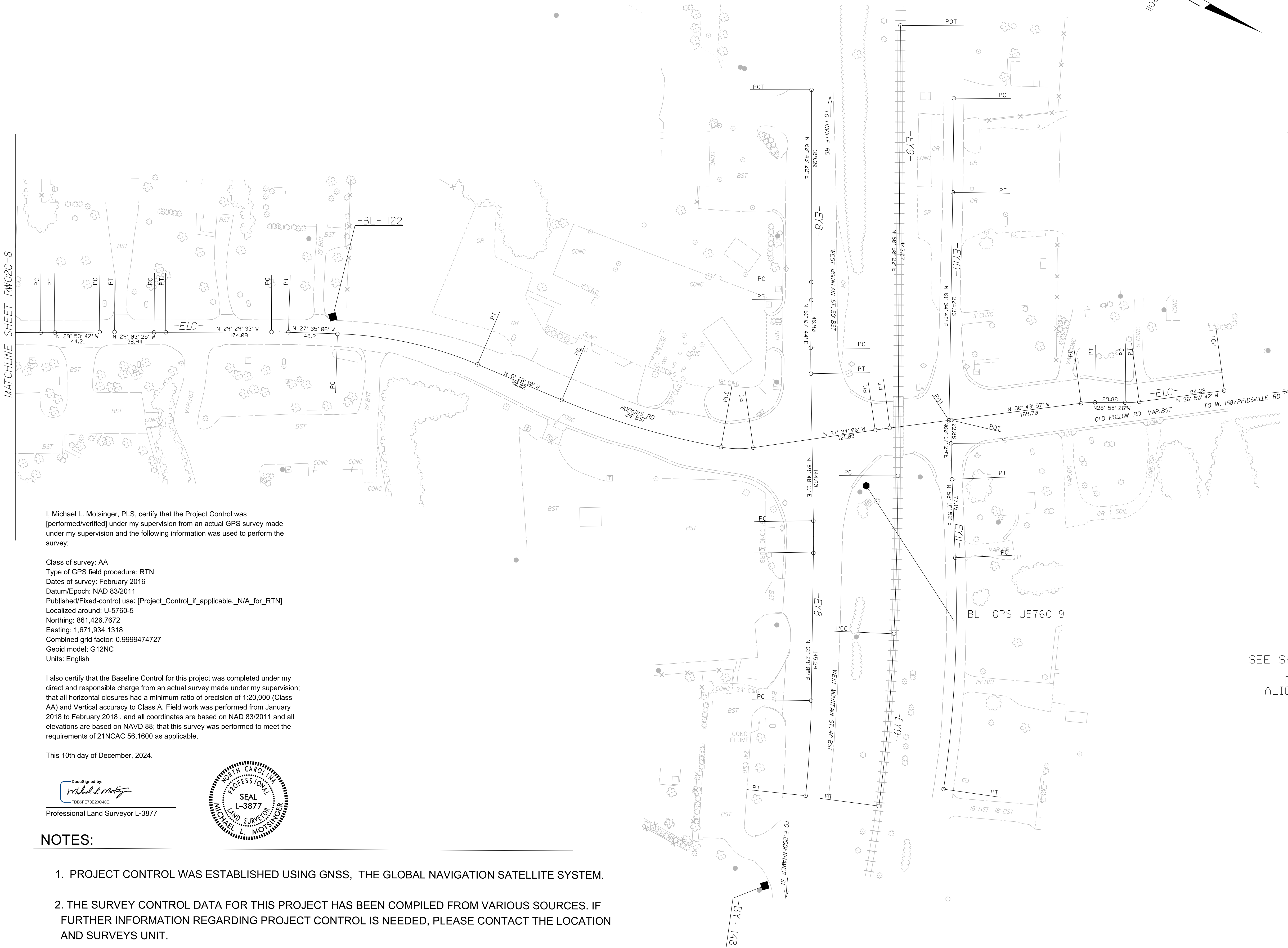
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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-9
Location and Surveys	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



I, Michael L. Motsinger, PLS, certify that the Project Control was [performed/verified] 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: RTN
Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable_N/A_for_RTN]
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Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
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This 10th day of December, 2024.

DocuSigned by:

F0B8F70E23C4DE...
Professional Land Surveyor L-3877



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SEE SHEETS RW02C-16 &
RW02C-17
FOR FURTHER
ALIGNMENT DETAILS

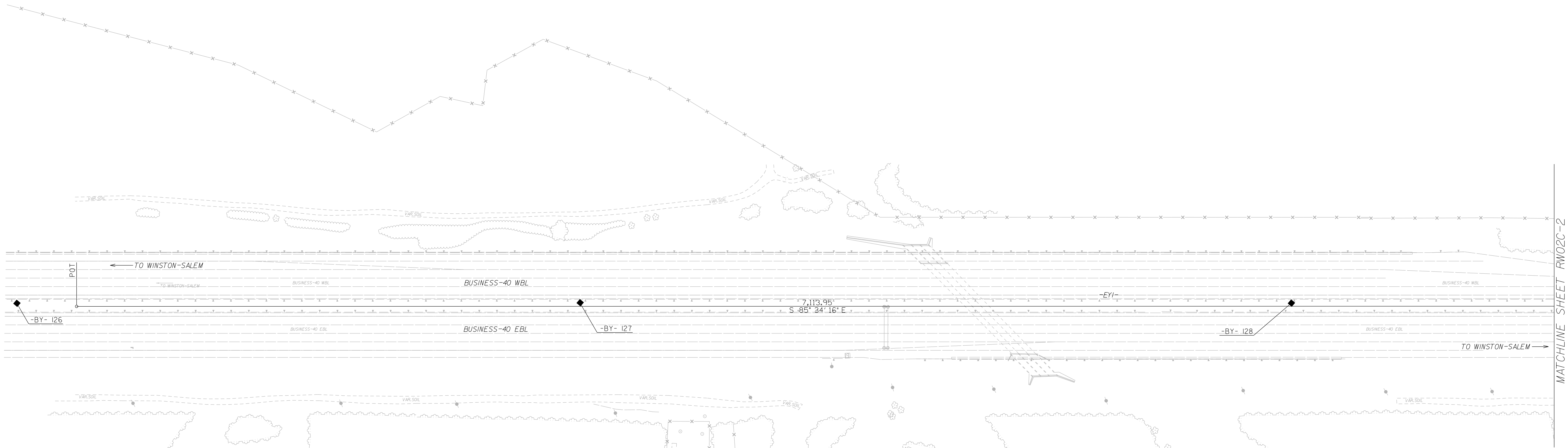
BM7
ELEV = 954.79'
N 86° 55' 26" W DIST 104.48'
FROM -L- STA 125+00.00
SCRIBED 'X' IN TOP
BACK OF CURB

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-10
Location and Surveys	
PROJECT SURVEYOR SEAL L-3877 MICHAEL L. MOTSINGER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



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Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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This 10th day of December, 2024.

DocuSigned by:

F0B8FE70E23C40E

Professional Land Surveyor L-3877



SEE SHEETS RW02C-15
FOR FURTHER
ALIGNMENT DETAILS

NOTES:

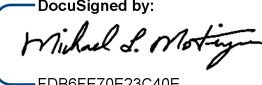
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

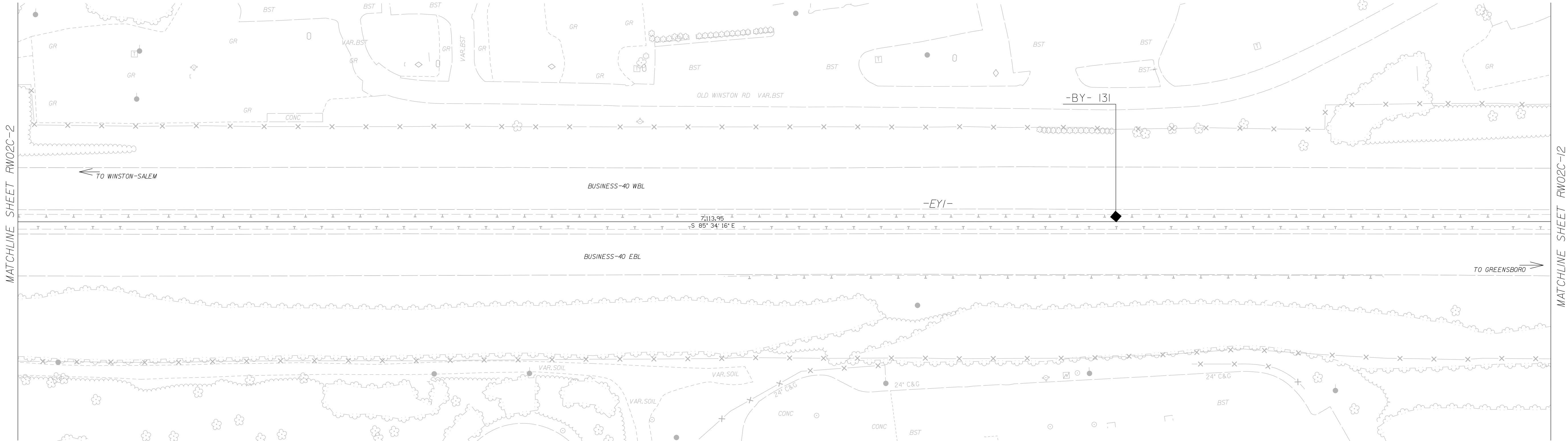
I, Michael L. Motsinger, PLS, certify that the Project Control was [performed/verified] under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: AA
Type of GPS field procedure: RTN
Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable_N/A_for_RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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 January 2018 to February 2018 , 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 10th day of December, 2024.

DocuSigned by:

F0BBFET0E23C40E
Professional Land Surveyor L-3877



SEE SHEETS RW02C-15
FOR FURTHER
ALIGNMENT DETAILS

NOTES:

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PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-11
Location and Surveys	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

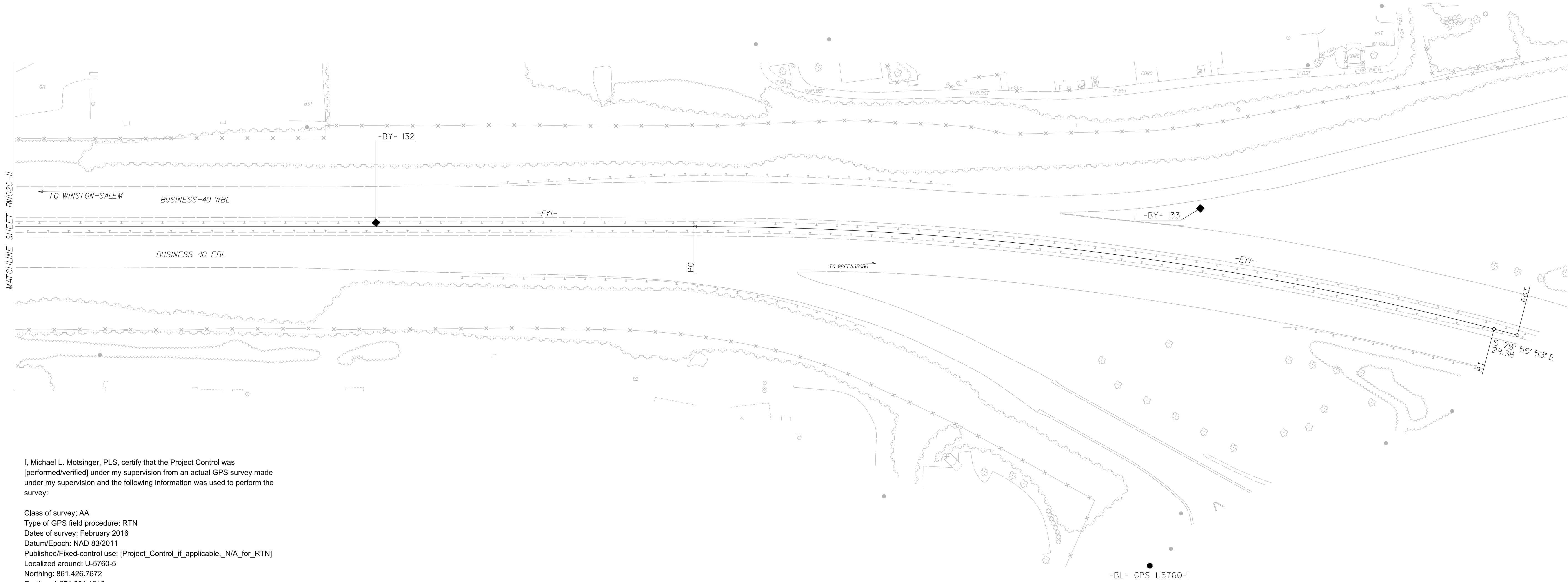


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-12
Location and Surveys	
PROJECT SURVEYOR NORTH CAROLINA PROFESSIONAL SEAL L-3877 MICHAEL L. MOTSINGER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BM8
ELEV = 966.62'
N 861472 E 1675850
-YI- STA 85+49.32
344.12' LEFT
SCRIBED 'X' IN TOP
BACK OF CURB



I, Michael L. Motsinger, PLS, certify that the Project Control was [performed/verified] 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: RTN
Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable,_N/A_for_RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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This 10th day of December, 2024.

Drawn by:

Professional Land Surveyor L-3877



SEE SHEETS RW02C-15
FOR FURTHER
ALIGNMENT DETAILS

NOTES:

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Type of GPS field procedure: RTN
Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable_N/A_for_RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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 January 2018 to February 2018 , 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 10th day of December, 2024.

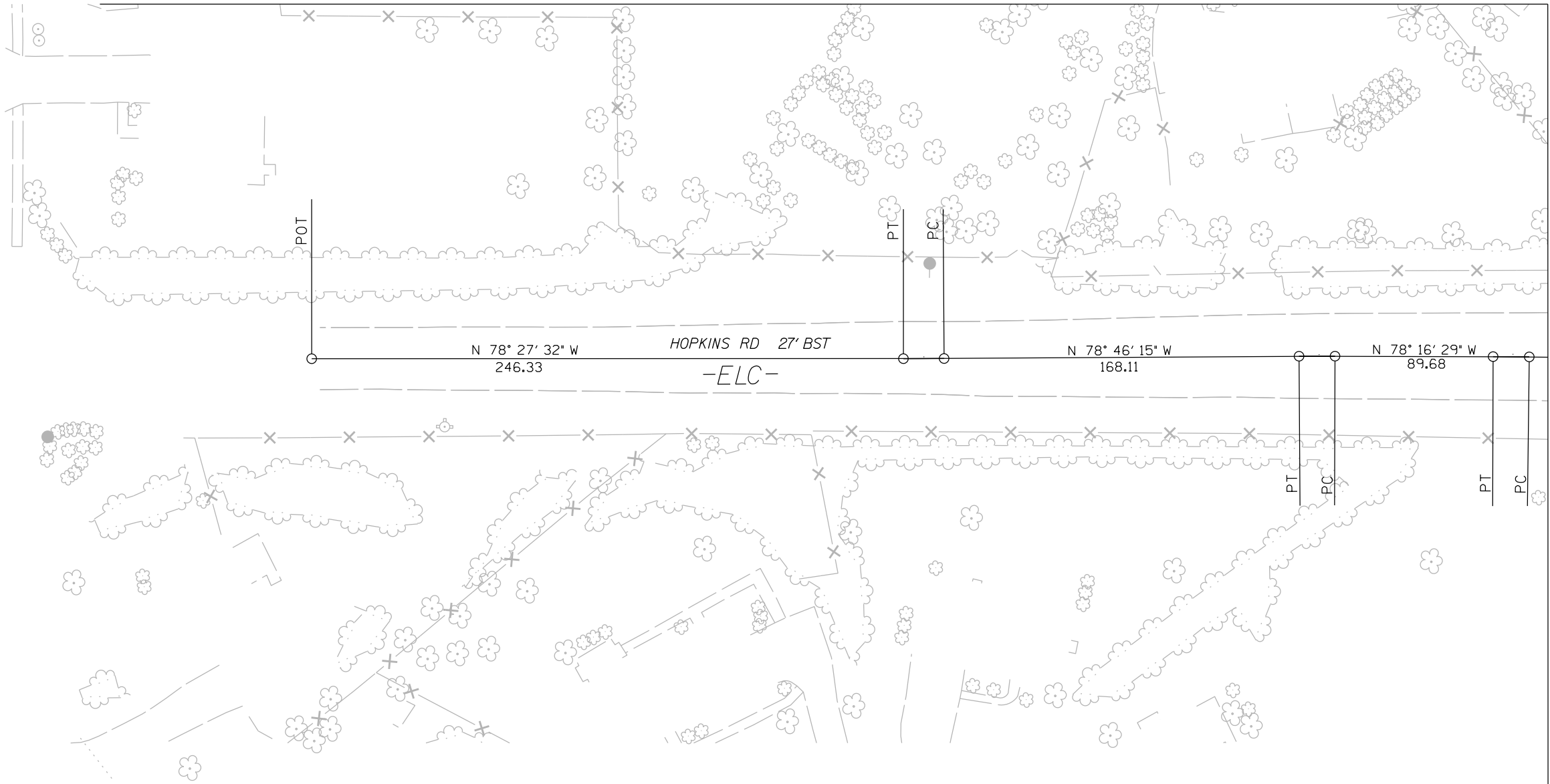
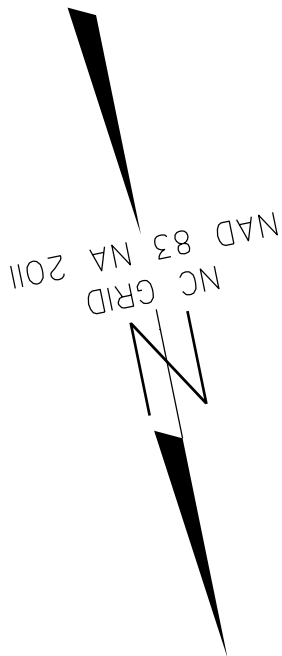
DocuSigned by:
Michael L. Molsinger
FDB8F70E23C40E

Professional Land Surveyor L-3877



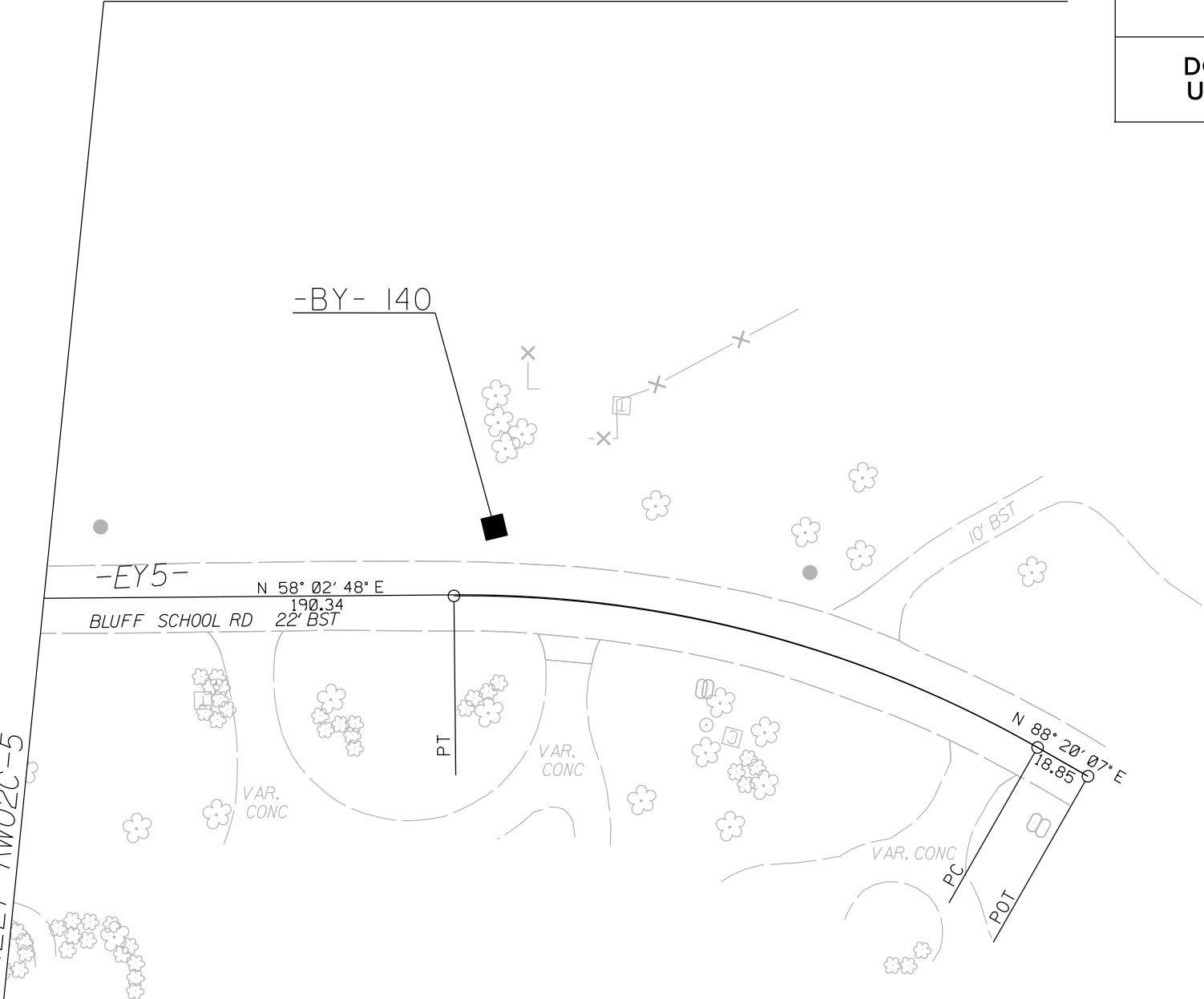
SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



MATCHLINE SHEET RW02C-5

MATCHLINE SHEET RW02C-5



-BY- 139

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SEE SHEETS RW02C-15
FOR FURTHER
ALIGNMENT DETAILS

PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-13
Location and Surveys	
PROJECT SURVEYOR NORTH CAROLINA PROFESSIONAL LAND SURVEYOR SEAL L-3877 MICHAEL L. MOLSINGER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS

SURVEY CONTROL SHEET
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BLA	POINT	DESC.	NORTH	EAST	ELEVATION
1		GPS U5760-1	860617.5754	1677072.4287	952.19
2		GPS U5760-2	860162.9109	1676055.3523	914.84
101		BL-101	859726.9640	1675238.6708	919.57
102		BL-102	859391.9711	1674471.8534	918.42
103		BL-103	859987.5555	1673866.6659	908.12
104		BL-104	860528.3921	1673117.8225	925.76
105		BL-105	861305.8313	1672876.6618	916.88
5		GPS U5760-5	861426.7672	1671934.1318	895.39

BLB	POINT	DESC.	NORTH	EAST	ELEVATION
E05			861426.7672	1671934.1318	895.39
106		BL-106	861413.0673	1672840.9617	915.46
107		BL-107	861881.1445	1672881.9638	939.85
108		BL-108	862249.8043	1672911.8728	930.91
109		BL-109	862646.7699	1672950.8384	952.16
110		BL-110	862945.6439	1672986.5911	954.81
111		BL-111	863515.3195	1673049.8351	953.78
112		BL-112	863982.1112	1673097.1690	938.70
113		BL-113	864442.8257	1673127.4041	961.96
7		GPS U5760-7	864765.9783	1673014.2277	964.24

BLC	POINT	DESC.	NORTH	EAST	ELEVATION
8		GPS U5760-8	864440.4415	1674356.6779	980.25
E07			864765.9783	1673014.2277	964.24
114		BL-114	865180.7232	1672642.0682	948.10
115		BL-115	865474.0300	1672181.5063	932.10
116		BL-116	865897.7648	1671717.6292	915.24
117		BL-117	866523.7394	1671456.3231	880.03
118		BL-118	867047.3777	1671165.5896	873.24
119		BL-119	867576.6985	1670540.6896	888.25
120		BL-120	868177.1657	1670304.0972	912.90
121		BL-121	868630.3528	1670220.7042	933.99
122		BL-122	869108.7555	1669966.5081	949.02
9		GPS U5760-9	869647.5485	1669854.0902	959.62
123		BL-123	870019.4042	1669482.6143	954.93

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
3		GPS U5760-3	861910.7362	1665739.7493	888.95
4		GPS U5760-4	861820.8544	1666857.0888	893.21
124		BY-124	861757.4962	1667744.2133	882.63
125		BY-125	861666.5763	1668836.4882	862.44
126		BY-126	861633.0018	1669375.0944	853.13
127		BY-127	861572.3624	1670167.2324	851.01
128		BY-128	861494.2163	1671167.4173	872.93
E0A5			861426.7672	1671934.1318	895.39
6		GPS U5760-6	861317.9669	1673328.7140	923.43
130		BY-130	861252.6609	1674288.0162	935.95
131		BY-131	861172.1639	1675328.3603	949.98
132		BY-132	861107.6463	1676163.5217	953.63
133		BY-133	861047.2121	1677167.5119	945.26
134		BY-134	861103.8960	1677945.2843	953.45
E01			860617.5754	1677072.4287	952.19

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
135		BY-135	862728.7409	1672646.9293	953.32
E0109			862646.7699	1672950.8384	952.16
136		BY-136	862624.9670	1673471.8847	952.74

BY3	POINT	DESC.	NORTH	EAST	ELEVATION
137		BY-137	864102.2187	1672598.0742	929.59
E0112			863982.1112	1673097.1690	938.70
138		BY-138	863898.9007	1673443.6285	955.99

BY5	POINT	DESC.	NORTH	EAST	ELEVATION
139		BY-139	864524.5851	1672046.4414	957.83
140		BY-140	864556.3500	1672416.9909	956.81
141		BY-141	864718.9983	1672713.3960	954.32
E0A7			864765.9783	1673014.2277	964.24

BY6	POINT	DESC.	NORTH	EAST	ELEVATION
142		BY-142	866632.5191	1671002.2127	875.83
E0117			866523.7394	1671456.3231	880.03
143		BY-143	866837.8057	1671802.4769	912.83

BY7	POINT	DESC.	NORTH	EAST	ELEVATION
144		BY-144	868270.3249	1669951.0779	927.69
145		BY-145	868288.2181	1670119.0831	922.24
E0120			868177.1657	1670304.0972	912.90
146		BY-146	868332.5716	1670360.9596	918.91
147		BY-147	868476.3237	1670621.5851	906.82

BY8	POINT	DESC.	NORTH	EAST	ELEVATION
10		GPS U5760-10	869107.4736	1669042.8224	949.79
E09			869647.5485	1669854.0902	959.62
148		BY-148	869753.4009	1670245.9539	961.77

BM1 ELEVATION = 913.43
N 860091 E 1673857
SCRIBED "X" IN TOP BACK OF CURB

BM2 ELEVATION = 924.97
N 862133 E 1672773
RAILROAD SPIKE SET IN 24" POPLAR TREE

BM3 ELEVATION = 959.74
N 863829 E 1673509
SCRIBED "X" IN TOP BACK OF CURB

BM4 ELEVATION = 918.59
N 865629 E 1672287
RAILROAD SPIKE SET IN 15" SWEET GUM TREE

BM5 ELEVATION = 878.11
N 866560 E 1670975
SCRIBED "X" IN TOP BACK OF CURB

BM6 ELEVATION = 906.17
N 868475 E 1670646
SCRIBED "X" IN TOP BACK OF CURB

BM7 ELEVATION = 954.72
N 869999 E 1669558
SCRIBED "X" IN TOP BACK OF CURB

BM8 ELEVATION = 966.62
N 861472 E 1675850
SCRIBED "X" IN TOP BACK OF CURB

PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-14
Location and Surveys	
INSERT CONSULTANT'S NAME	
PROJECT SURVEYOR MICHAEL L. MOTSINGER NORTH CAROLINA PROFESSIONAL LAND SURVEYOR SEAL L-3877	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Michael L. Motsinger, PLS, certify that the Project Control was [performed/verified] 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: RTN
Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable_N/A_for_RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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 January 2018 to February 2018 , 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 10th day of December, 2024.

DocuSigned by:
Professional Land Surveyor L-3877



NOTES:

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REVISIONS

SURVEY CONTROL SHEET
W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

ELA				
POINT	N	E	BEARING	DIST
POT	860012.800	1673753.310		
LINE			N 53°57'38.6" W	520.03
POT	860318.752	1673332.810		

ELB									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	862656.202	1672945.601							
LINE			N 05°42'48.3" E	787.04					
PC	863439.329	1673023.953	N 05°10'44.0" E	167.93	01°04'08.6"(LT)	00°38'11.8"	167.93	83.97	9000.00
CURVE									
PCC	863606.569	1673039.111	N 04°44'13.4" E	121.34	00°11'07.4"(RT)	00°09'10.0"	121.34	60.67	37500.00
CURVE									
PT	863727.496	1673049.131	N 04°49'47.1" E	1005.87					
LINE									
POT	864729.798	1673133.821							

EY1									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	861622.106	1669458.676							
LINE			S 85°34'16.1" E	7113.95					
PC	861072.757	1676551.384	S 78°15'34.6" E	982.48	14°37'22.9"(RT)	01°29'03.6"	985.15	495.27	3860.00
CURVE									
PT	860072.845	1677513.308	S 70°56'53.2" E	29.38					
LINE									
POT	860863.256	1677541.074							

EY2									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	862676.530	1672857.476							
LINE			S 76°51'40.9" E	72.27					
PC	862660.102	1672927.856	S 81°47'16.6" E	120.23	09°51'11.4"(LT)	08°11'06.4"	120.38	60.34	700.00
CURVE									
PT	862642.928	1673046.854	S 86°42'52.3" E	246.87					
LINE									
PC	862628.780	1673293.315	S 80°32'15.5" E	149.71	12°21'13.7"(RT)	08°14'09.1"	150.00	75.29	695.69
CURVE									
PT	862604.168	1673440.987	S 74°21'38.7" E	47.51					
LINE									
POT	862591.360	1673486.738							

EY3									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	864146.101	1672579.179							
LINE			S 49°46'04.4" E	49.53					
PC	864114.109	1672616.993	S 66°28'49.5" E	186.92	33°25'30.2"(LT)	17°37'46.1"	189.60	97.58	325.00
CURVE									
PT	864039.516	1672788.385	S 83°11'34.6" E	302.12					
LINE									
PC	864003.707	1673088.378	S 75°24'47.6" E	108.29	15°33'33.9"(RT)	14°19'26.2"	108.63	54.65	400.00
CURVE									
PT	863976.434	1673193.179	S 67°38'00.7" E	237.78					
LINE									
POT	863885.951	1673413.071							

EY4									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	865175.051	1672603.145							
LINE			N 37°27'07.7" E	38.65					
PC	865205.735	1672626.650	N 46°09'01.6" E	90.74	17°23'47.7"(RT)	19°05'54.9"	91.09	45.90	300.00
CURVE									
PT	865268.596	1672692.087							

EY5									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	864524.702	1672210.211							
LINE			N 88°20'07.4" E	18.85					
PC	864525.250	1672229.050	N 73°11'27.7" E	195.94	30°17'19.3"(LT)	15°16'43.9"	198.24	101.49	375.00
CURVE									
PT	864501.912	1672416.618	N 58°02'48.1" E	190.34					
LINE									
PC	864682.644	1672578.116	N 76°45'40.0" E	298.39	37°25'43.8"(RT)	12°19'18.0"	303.76	157.52	465.00
CURVE									
PT	864750.979	1672868.577	S 84°31'28.1" E	146.29					
LINE									
PC	864737.020	1673014.201	N 65°50'45.9" E	49.44	59°15'32.1"(LT)	114°35'29.6"	51.71	28.44	50.00
CURVE									
PT	864757.250	1673059.311	N 36°12'59.8" E	14.39					
LINE									
POT	864768.859	1673067.813							

EY6									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	866615.026	1671015.614							
LINE			S 77°51'43.4" E	102.31					
PC	866593.514	1671115.633	S 83°39'02.7" E	171.46	11°34'38.6"(LT)	06°44'26.4"	171.75	86.17	850.00
CURVE									
PT	866574.553	1671286.043	S 89°26'22.0" E	82.78					
LINE									
PC	866573.743	1671368.816	N 66°42'51.0" E	303.21	47°41'34.0"(LT)	15°16'43.9"	312.15	165.76	375.00
CURVE									
PT	866693.609	1671647.332	N 42°52'04.0" E	169.98					
LINE									
POT	866818.189	1671762.968							

EY7A				
POINT	N	E	BEARING	DIST
POT	868255.481	1669961.288		
LINE			N 82°24'29.6" E	350.78
POT	868301.825	1670308.997		

EY7B									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	868293.410	1670309.864							
LINE			N 81°13'23.7" E	67.77					
PC	868303.751	1670376.844	N 73°05'24.2" E	59.80	16°15'59.1"(LT)	27°06'38.6"	60.00	30.20	211.34
CURVE									
PT	868321.145	1670434.057	N 64°57'24.6" E	28.13					
LINE									
PC	868333.053	1670459.544	N 56°48'57.5" E	89.37	16°16'54.1"(LT)	18°09'28.8"	89.67	45.14	315.54
CURVE									
PCC	868301.965	1670534.335	N 57°21'39.9" E	159.39	17°22'18.8"(RT)	10°51'26.8"	160.00	80.62	527.71
CURVE									
PT	868467.930	1670668.554							

PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW02C-15
Location and Surveys	
INSERT CONSULTANT'S NAME	
PROJECT SURVEYOR  MICHAEL L. MOTSINGER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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This 10th day of December, 2024.

DocuSigned by:

F0B8FE70E23C40E
Professional Land Surveyor L-3877



NOTES:

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REVISIONS

SURVEY CONTROL SHEET
W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EY8									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	869409.737	1669541.010							
LINE			N 60°43'22.0" E	189.20					
PC	869502.260	1669706.038							
CURVE			N 60°55'32.9" E	17.72	00°24'21.8"(RT)	02°17'30.6"	17.72	8.86	2500.00
PT	869510.870	1669721.523	N 61°07'43.8" E	46.90					
LINE									
PC	869533.513	1669762.591							
CURVE			N 60°23'57.3" E	25.47	01°27'32.8"(LT)	05°43'46.5"	25.47	12.73	1000.00
PT	869546.092	1669784.733	N 59°40'10.9" E	144.60					
LINE									
PC	869619.113	1669909.542							
CURVE			N 60°34'38.0" E	31.68	01°48'54.1"(RT)	05°43'46.5"	31.68	15.84	1000.00
PT	869634.675	1669937.133	N 61°29'05.0" E	145.29					
LINE									
PC	869704.037	1670064.800							
CURVE			N 64°02'31.7" E	93.70	05°06'53.4"(RT)	05°27'24.3"	93.73	46.90	1050.00
PT	869745.051	1670149.051							

EY9									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	869455.026	1669442.972							
LINE			N 60°58'21.9" E	443.07					
PC	869670.013	1669830.384							
CURVE			N 62°05'11.4" E	155.39	02°13'39.1"(RT)	01°26'00.2"	155.40	77.71	3997.25
PT	869742.758	1669967.698	N 65°38'24.0" E	170.04	04°52'46.2"(RT)	02°52'07.4"	170.09	85.10	1997.25
LINE									
PC	869812.895	1670122.601							
CURVE									
PT									

EY10									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	869535.913	1669479.508							
LINE			N 61°21'40.0" E	92.68	00°26'16.4"(RT)	00°28'20.8"	92.68	46.34	12127.34
PC	869580.336	1669560.853							
CURVE			N 61°34'48.0" E	224.33					
PT	869687.099	1669758.144							
LINE									
PC									
CURVE									
PT									

EY11									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	869688.648	1669756.929							
LINE			N 60°17'29.4" E	22.88					
PC	869699.987	1669776.803							
CURVE			N 59°16'40.7" E	35.38	02°01'37.3"(LT)	05°43'46.5"	35.38	17.69	1000.00
PT	869718.060	1669807.214	N 58°15'52.1" E	77.15					
LINE									
PC	869758.640	1669872.828							
CURVE			N 63°32'18.6" E	227.96	10°32'53.0"(RT)	04°37'14.3"	228.28	114.46	1240.00
PT	869860.218	1670076.905							

EY12									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	865488.685	1672194.889							
LINE			N 44°30'02.2" E	94.39	06°21'56.6"(RT)	06°44'26.4"	94.44	47.27	850.00
PC	865556.007	1672261.048							
CURVE			N 47°41'00.5" E	41.81					
PT	865584.157	1672291.967							
LINE									
PC									
CURVE									
PT									

EY15									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	866615.026	1671015.614							
LINE			S 77°51'43.4" E	102.31					
PC	866593.514	1671115.633							
CURVE			S 83°39'02.7" E	171.46	11°34'38.6"(LT)	06°44'26.4"	171.75	86.17	850.00
PT	866574.553	1671286.043	S 89°26'22.0" E	82.78					
LINE									
PC	866573.743	1671368.816							
CURVE			N 66°42'51.0" E	303.21	47°41'34.0"(LT)	15°16'43.9"	312.15	165.76	375.00
PT	866693.609	1671647.332	N 42°52'04.0" E	169.98					
LINE									
PC	866818.189	1671762.968							
CURVE									
PT									

PROJECT REFERENCE NO.

U-5760

SHEET NO.

RW02C-16

Location and Surveys

INSERT CONSULTANT'S NAME

PROJECT SURVEYOR

NORTH CAROLINA

PROFESSIONAL

LAND SURVEYOR

SEAL

L-3877

MICHAEL L. MOTSINGER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

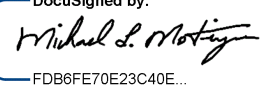
I, Michael L. Motsinger, PLS, certify that the Project Control was [performed/verified] under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: AA
Type of GPS field procedure: RTN
Dates of survey: February 2016
Datum/Epoch: NAD 83/2011
Published/Fixed-control use: [Project_Control_if_applicable_N/A_for_RTN]
Localized around: U-5760-5
Northing: 861,426.7672
Easting: 1,671,934.1318
Combined grid factor: 0.9999474727
Geoid model: G12NC
Units: English

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 January 2018 to February 2018 , 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 10th day of December, 2024.

DocuSigned by:



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Professional Land Surveyor L-3877

NORTH CAROLINA

PROFESSIONAL

LAND SURVEYOR

SEAL

L-3877

MICHAEL L. MOTSINGER

- 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.

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

ELC POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	864594.932	1673735.775							
PC	864644.215	1673494.431	N 78°27'31.8" W	246.33					
CURVE			S 78°37'43.4" E	15.84	00°21'47.3"(RT)	02°17'30.6"	15.84	7.92	2500.00
P	864641.091	1673509.964	N 78°46'15.2" W	168.11					
PC	864673.828	1673345.070	S 78°32'33.9" E	14.01	00°32'06.4"(LT)	03°49'11.0"	14.01	7.00	1500.00
CURVE	864671.045	1673358.800	N 78°16'29.0" W	89.68					
PT	864689.269	1673270.995	S 78°00'22.3" E	14.08	00°32'16.8"(LT)	03°49'11.0"	14.08	7.04	1500.00
PC	864686.342	1673284.772	N 77°48'31.3" W	52.98					
CURVE	864697.530	1673232.989	N 76°45'07.8" W	17.19	01°58'12.1"(RT)	11°27'33.0"	17.19	8.60	500.00
PT	864701.469	1673216.256	N 75°46'01.8" W	11.36					
PC	864704.263	1673205.243	N 61°38'11.0" W	195.31	28°15'41.6"(RT)	14°19'26.2"	197.30	100.70	400.00
CURVE	864797.047	1673033.381	N 47°30'20.1" W	14.43					
PT	864806.793	1673022.743	N 46°51'38.9" W	22.51	01°17'22.6"(RT)	05°43'46.5"	22.51	11.25	1000.00
PC	864822.183	1673006.320	N 46°12'57.6" W	14.40					
CURVE	864832.149	1672995.921	N 45°46'11.0" W	15.58	00°53'33.3"(RT)	05°43'46.5"	15.58	7.79	1000.00
PC	864843.016	1672984.759	N 45°19'24.3" W	182.13					
CURVE	864971.073	1672855.248	N 46°01'25.1" W	12.22	01°24'01.5"(LT)	11°27'33.0"	12.22	6.11	500.00
PT	864979.558	1672846.454	N 49°10'19.9" W	104.17	04°53'48.2"(LT)	04°41'57.8"	104.20	52.13	1219.22
PC	865047.661	1672767.633	N 51°37'14.0" W	10.99					
CURVE	865054.485	1672759.017	N 51°56'45.5" W	56.80	00°39'03.0"(LT)	01°08'45.3"	56.80	28.40	5000.00
PT	865089.494	1672714.294	N 52°16'17.0" W	56.41					
PC	865124.015	1672669.675	N 52°24'34.6" W	24.13	00°16'35.3"(LT)	01°08'45.3"	24.13	12.06	5000.00
CURVE	865138.733	1672650.557	N 52°32'52.3" W	266.39					
PT	865300.725	1672439.080	N 52°24'20.4" W	24.02	00°17'03.8"(RT)	01°08'45.3"	24.02	12.41	5000.00
PC	865315.865	1672419.417	N 50°15'48.5" W	29.50					
CURVE	865333.918	1672396.089	N 52°18'23.4" W	7.51	00°05'09.6"(LT)	01°08'45.3"	7.51	3.75	5000.00
PT	865338.507	1672390.150	N 52°20'58.2" W	63.36					
PC	865377.211	1672339.983	N 52°25'31.0" W	13.23	00°09'05.6"(LT)	01°08'45.3"	13.23	6.61	5000.00
CURVE	865385.276	1672329.501	N 52°30'03.8" W	153.72					
PT	865478.855	1672207.542	N 52°16'19.4" W	7.99	00°27'28.8"(RT)	05°43'46.5"	7.99	4.00	1000.00
PC	865483.746	1672201.220	N 52°05'15.7" W	7.79	00°05'21.3"(LT)	01°08'45.3"	7.79	3.89	5000.00
CURVE	865528.323	1672144.076	N 52°02'35.0" W	72.47					
PT	865533.109	1672137.931	N 52°07'56.3" W	99.58					
PC	865594.233	1672059.322	N 51°54'47.9" W	19.11	00°26'16.9"(RT)	02°17'30.6"	19.11	9.56	2500.00
CURVE	865606.023	1672044.278	N 51°41'39.4" W	44.02					
PT	865633.008	1672009.104	N 50°08'11.7" W	129.41	03°06'55.4"(RT)	02°24'25.6"	129.42	64.73	2380.28
PC	865716.754	1671909.773	N 47°54'44.5" W	13.96	01°19'59.1"(RT)	09°32'57.5"	13.96	6.98	600.00
CURVE	865726.110	1671899.413	N 41°56'39.2" W	232.95	10°36'11.5"(RT)	04°32'42.8"	233.28	116.98	1260.57
PC	865899.377	1671743.708	N 39°47'53.3" W	17.69	01°41'20.3"(RT)	09°32'57.5"	17.69	8.84	600.00
CURVE	865913.722	1671733.363	N 32°18'04.3" W	113.84	05°18'17.7"(RT)	04°39'29.5"	113.88	56.98	1230.00
PT	866009.948	1671672.529	N 26°04'50.7" W	90.04	07°08'09.4"(RT)	07°55'14.0"	90.09	45.11	723.38
PC	866090.816	1671632.946	N 22°30'46.0" W	29.66					
CURVE	866118.214	1671621.590	N 21°23'42.6" W	39.01	02°14'06.7"(RT)	05°43'46.5"	39.01	19.51	1000.00
PT	866154.535	1671607.360	N 20°16'39.3" W	45.94					
PC	866197.627	1671591.438	N 19°57'37.4" W	27.68	00°38'03.8"(RT)	02°17'30.6"	27.68	13.84	2500.00
CURVE	866223.644	1671581.989	N 19°38'35.5" W	75.06					
PT	866294.335	1671556.757	N 19°29'57.1" W	12.57	00°17'16.9"(RT)	02°17'30.6"	12.57	6.28	2500.00
PC	866306.102	1671552.562	N 19°21'18.6" W	102.83					
CURVE	866478.680	1671491.968	N 19°39'08.5" W	25.93	00°35'39.7"(LT)	02°17'30.6"	25.93	12.97	2500.00
PT	866503.104	1671483.246	N 19°56'58.3" W	97.93					
PC	866595.159	1671449.832	N 19°36'40.6" W	17.71	00°40'35.4"(RT)	03°49'11.0"	17.71	8.86	1500.00
CURVE	866611.842	1671443.888	N 19°16'23.0" W	15.99					
PT	866626.939	1671438.609	N 29°01'22.3" W	237.09	19°29'58.7"(LT)	08°11'06.4"	238.23	120.28	700.00
PC	866834.252	1671323.585	N 38°46'21.7" W	36.39					
CURVE	866862.627	1671300.794	N 39°51'51.1" W	76.20	02°10'58.8"(LT)	02°51'53.2"	76.20	38.11	2000.00
PT	866921.113	1671251.954	N 40°57'20.5" W	144.90					
PC	867030.547	1671156.973	N 40°37'26.1" W	23.16	00°39'48.8"(RT)	02°51'53.2"	23.16	11.58	2000.00
CURVE	867048.127	1671141.892	N 40°17'31.7" W	184.48					
PT	867188.841	1671022.591	N 41°20'50.2" W	36.83	02°06'37.1"(LT)	05°43'46.5"	36.83	18.42	1000.00
PC	867216.490	1670998.261	N 42°24'08.7" W	39.01					
CURVE	867245.298	1670971.953							

ELC POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
CURVE	867333.347	1670872.347	N 48°31'26.9" W	132.94	12°14'36.3"(LT)	09°11'31.0"	133.20	66.85	623.33
PT	867338.751	1670864.325	N 56°01'52.9" W	9.67	02°46'15.7"(LT)	28°38'52.4"	9.67	4.84	200.00
PC	867370.459	1670803.951	N 62°17'32.2" W	68.19	09°45'02.9"(LT)	14°16'52.6"	68.28	34.22	401.19
CURVE	867405.708	1670720.231	N 67°10'03.6" W	90.84					
PT	867463.986	1670642.559	N 53°07'05.4" W	97.10	28°05'56.6"(RT)	28°38'52.4"	98.08	50.05	200.00
PC	867493.471	1670618.624	N 39°04'07.1" W	37.98					
CURVE	867505.370	1670609.679	N 36°56'08.8" W	14.89	04°15'56.6"(RT)	28°38'52.4"	14.89	7.45	200.00
PT	867511.235	1670605.602	N 34°48'10.5" W	7.14					
PC	867525.246	1670596.702	N 32°25'28.9" W	16.60	04°45'23.2"(RT)	28°38'52.4"	16.60	8.31	200.00
CURVE	867582.407	1670563.638	N 30°02'47.3" W	66.03					
PT	867590.456	1670559.032	N 29°46'50.8" W	9.27	00°31'52.9"(RT)	05°43'46.5"	9.27	4.64	1000.00
PC	867828.701	1670424.156	N 29°30'54.4" W	273.77					
CURVE	867859.657	1670407.060	N 28°45'49.7" W	21.89					
PT	867872.332	1670400.677	N 26°43'49.9" W	14.19	04°03'59.7"(RT)	28°38'52.4"	14.20	7.10	200.00
PC	867921.717	1670377.965	N 24°41'50.1" W	54.36					
CURVE	867928.509	1670374.993	N 23°38'06.9" W	7.41	02°07'26.4"(RT)	28°38'52.4"	7.41	3.71	200.00
PT	868084.058	1670333.704	N 14°51'57.3" W	160.94	15°24'52.7"(RT)	09°32'57.5"	161.42	81.20	600.00
PC	868179.229	1670321.750	N 07°09'31.0" W	95.92					
CURVE	868190.303	1670320.485	N 06°31'12.0" W	11.15	01°16'38.0"(RT)	11°27'33.0"	11.15	5.57	500.00
PT	868379.586	1670300.995	N 05°52'53.0" W	190.20					
PC	868390.062	1670299.794	N 06°29'24.4" W	10.62	01°13'02.8"(LT)	11°27'33.0"	10.62	5.31	500.00
CURVE	868434.608	1670294.246	N 07°05'55.8" W	44.89					
PT	868522.578	1670278.614	N 10°04'35.4" W	89.35	05°57'19.2"(LT)	06°39'44.3"	89.39	44.73	860.00
PC	868535.734	1670275.563	N 13°03'15.0" W	13.50					
CURVE	868549.504	1670271.849	N 15°05'51.1" W	14.26	04°05'12.2"(LT)	28°38'52.4"	14.27	7.14	200.00
PT	868579.848	1670262.490	N 17°08'27.2" W	31.75					
PC	868587.779	1670259.861	N 18°20'16.1" W	8.36	02°23'37.8"(LT)	28°38'52.4"	8.36	4.18	200.00
CURVE	868607.888	1670252.551	N 19°58'35.5" W	21.40					
PT	868629.740	1670243.620	N 22°13'53.3" W	23.61	04°30'35.5"(LT)	19°05'54.9"	23.61	11.81	300.00
PC	868664.450	1670227.012	N 24°29'11.0" W	38.14					
CURVE	868765.026	1670177.023	N 26°47'33.4" W	112.67	04°36'44.7"(LT)	04°05'33.2"	112.70	56.38	1400.00
PT	868865.793	1670120.940	N 29°05'55.7" W	115.32					
PC	868877.889	1670114.097	N 29°29'49.1" W	13.90	00°47'46.7"(LT)	05°43'46.5"	13.90	6.95	1000.00
CURVE	868916.214	1670092.063	N 29°53'42.4" W	44.21					
PT	868928.951	1670084.864	N 29°28'33.5" W	14.63	00°50'17.8"(RT)	05°43'46.5"	14.63	7.32	1000.00
PC	868962.986	1670065.954	N 29°03'24.6" W	38.94					
CURVE	868972.934	1670060.377	N 29°16'28.7" W	11.40	00°26'08.2"(LT)	03°49'11.0"	11.40	5.70	1500.00
PT	869063.534	1670009.134	N 29°29'32.8" W	104.09					
PC	869078.155	1670001.182	N 28°32'19.6" W	16.64	01°54'26.4"(RT)	11°27'33.0"	16.64	8.32	500.00
CURVE	869120.882	1669978.860	N 27°35'06.4" W	48.21					
PT	869255.784	1669937.546	N 17°01'38.1" W	141.09	21°06'56.6"(RT)	14°52'55.3"	141.89	71.76	385.00
PC	869345.227	1669927.404	N 06°28'09.8" W	90.02					
CURVE	869504.484	1669890.979	N 12°52'57.5" W	163.37	12°49'35.3"(LT)	07°50'05.3"	163.71	82.20	731.30
PT	869532.410	1669875.860	N 28°25'55.6" W	31.76	18°16'20.9"(LT)	57°17'44.8"	31.89	16.08	100.00
PC	869628.380	1669802.037	N 37°34'06.1" W	121.08					
CURVE	869640.008	1669793.227	N 37°09'01.5" W	14.59	00°50'09.1"(RT)	05°43'46.5"	14.59	7.29	1000.

REVISIONS

PROPOSED ALIGNMENT CONTROL SHEET

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	860018.7325	1673756.2042
PC	16+61.93	860408.1721	1673220.9588
PT	26+05.74	861228.5910	1672842.5371
PC	30+04.08	861625.7322	1672873.3554
PT	31+11.67	861732.9347	1672882.4784
PC	41+45.06	862761.9193	1672977.7730
PRC	46+75.22	863291.1437	1673007.2453
PT	51+84.16	863799.2334	1673034.7916
PC	57+57.16	864369.9469	1673085.9541
PT	64+72.56	864997.7110	1672810.3551
PC	73+67.56	865542.2146	1672100.0452
PT	84+09.69	866374.2100	1671496.8686
PC	84+91.99	866451.8603	1671469.5919
PT	90+76.66	866956.2796	1671180.4316
PC	93+65.50	867176.5929	1670993.6444
PRC	96+84.97	867398.1008	1670764.1677
PT	100+44.05	867668.9321	1670531.8420
PC	102+04.13	867808.2421	1670452.9757
PT	105+88.12	868171.5666	1670337.4739
PC	107+27.19	868309.9332	1670323.5262
PT	112+21.38	868777.7906	1670175.5255
PC	115+53.05	869066.0856	1670012.9471
PRC	118+22.02	869320.4116	1669928.0455
PT	121+83.97	869651.7769	1669792.4038
POT	125+05.00	869908.6868	1669599.8950

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	861713.2794	1668296.4099
PC	92+80.61	861072.6270	1676552.1994
PT	102+65.19	860872.7588	1677513.5579
POT	102+94.00	860863.3552	1677540.7881

Y1RPB			
TYPE	STATION	NORTH	EAST
TS	10+00.00	861509.9734	1671575.5092
SC	12+00.00	861503.2845	1671775.2426
CS	16+04.39	861629.4544	1672154.4123
SRS	18+04.39	861754.4828	1672310.3163
SC	20+04.39	861874.4291	1672469.7932
PT	22+26.28	861927.6491	1672682.8366
POT	24+43.86	861926.5437	1672900.4086

Y1RPD			
TYPE	STATION	NORTH	EAST
TS	10+00.00	861211.2819	1674106.2289
SC	12+00.00	861217.9707	1673906.4955
CS	15+18.87	861135.1239	1673601.0015
ST	17+18.87	861028.4416	1673432.0133
POT	22+93.56	860700.5991	1672960.0188

Y2			
TYPE	STATION	NORTH	EAST
PC	10+00.00	862751.9665	1672628.6489
PRC	11+14.21	862712.4597	1672735.5481
PT	13+46.90	862651.6561	1672958.5099
PC	16+69.11	862630.9671	1673280.0571
PT	18+38.16	862602.6508	1673446.4074
POT	18+80.00	862591.3713	1673486.6996

Y3			
TYPE	STATION	NORTH	EAST
POT	10+00.00	864146.1019	1672579.1794
PC	10+49.52	864114.1144	1672616.9866
PT	12+39.13	864039.5163	1672788.3845
PC	15+41.25	864003.7067	1673088.3781
PT	16+49.88	863976.4338	1673193.1794
POT	18+87.00	863886.2018	1673412.4626

Y7			
TYPE	STATION	NORTH	EAST
POT	10+00.00	866615.0257	1671015.6141
PC	11+02.31	866593.5143	1671115.6326
PT	12+74.06	866574.5525	1671286.0429
PC	13+56.84	866573.7427	1671368.8158
PT	16+68.98	866693.6089	1671647.3316
POT	18+35.00	866815.2855	1671760.2731

Y8			
TYPE	STATION	NORTH	EAST
POT	10+00.00	868255.4812	1669961.2882
PC	12+62.04	868290.1001	1670221.0294
PRC	13+94.92	868304.5576	1670353.1129
PRC	15+94.94	868381.6930	1670534.0259
PT	17+55.00	868467.7921	1670668.2469

Y4			
TYPE	STATION	NORTH	EAST
POT	10+00.00	864524.7024	1672210.2112
PC	10+18.85	864525.2499	1672229.0503
PT	12+17.09	864581.9118	1672416.6175
PC	12+49.69	864599.1673	1672444.2823
PT	19+52.64	864720.7527	1673119.6141
POT	25+80.00	864595.2352	1673734.2915

Y5			
TYPE	STATION	NORTH	EAST
POT	10+00.00	865163.3958	1672594.2178
PC	10+53.33	865205.7353	1672626.6499
PT	11+50.00	865271.7651	1672696.6776

PROJECT REFERENCE NO.

U-5760

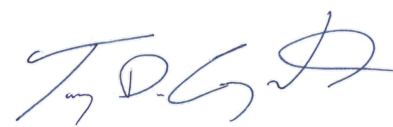
SHEET NO.

RW02D-1

Location and Surveys

 **Stantec**

801 JONES FRANKLIN ROAD, SUITE 300
RALEIGH, NC 27606
PHONE NO: 704.972
www.stantec.com



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

NOTES:

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

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	16+61.93	-95.00	860331.3538	1673165.0665
L	17+55.00	-95.00	860395.7933	1673085.2588
L	41+10.00	45.00	862722.8617	1673019.3485
L	41+45.06	45.00	862757.7696	1673022.5813
L	46+75.22	45.00	863290.2925	1673052.2373
L	49+15.46	45.00	863528.8735	1673060.7234
L	46+75.22	-45.00	863291.9949	1672962.2534
L	47+33.72	-45.00	863350.8454	1672963.6053
L	43+52.00	-45.00	862971.0894	1672948.9921
L	41+45.06	-54.99	862766.9903	1672923.0173
L	40+95.00	-57.00	862717.3316	1672916.3998
L	53+25.00	49.90	863935.0530	1673097.0712
L	54+50.00	50.03	864059.5423	1673108.3593
L	53+20.00	-50.00	863938.9932	1672997.1201
L	54+55.00	-50.00	864073.4540	1673009.1740
L	56+51.33	-45.00	864268.5532	1673031.6841
L	57+57.16	-45.00	864373.9648	1673041.1339
L	60+32.00	-45.00	864628.4274	1673014.6083
L	58+53.56	57.00	864468.8765	1673144.9756
L	57+57.16	57.00	864364.8574	1673142.7265
L	56+00.00	57.00	864208.3210	1673128.6935
L	55+50.00	50.01	864159.1449	1673117.2651
L	63+00.11	45.00	864905.4012	1672968.3701
L	65+04.94	44.17	865052.4693	1672811.5305
L	71+26.37	-45.00	865359.7664	1672264.0841
L	73+67.56	-45.00	865506.5006	1672072.6679
L	84+09.69	-45.00	866359.2960	1671454.4119
L	84+92.00	-45.00	866436.9539	1671427.1325
L	77+32.14	45.00	865821.1869	1671869.0596
L	81+63.66	45.00	866168.9305	1671634.0229
L	87+20.66	-57.00	866635.1052	1671328.1342
L	88+90.00	-57.00	866775.6414	1671245.1016
L	90+58.00	-45.00	866913.2764	1671157.7557
L	90+58.00	-108.00	866873.0985	1671109.2301
L	91+35.00	-108.00	866930.9353	1671060.3276
L	91+35.00	-45.00	866971.6765	1671108.3813
L	90+50.00	105.00	867002.3582	1671278.7132
L	90+50.00	61.52	866974.7964	1671245.0840
L	91+25.00	105.00	867061.0517	1671229.2617
L	91+25.00	60.41	867032.2147	1671195.2489
L	93+65.50	-45.00	867147.4921	1670959.3203
L	96+84.97	-45.00	867362.7701	1670736.2976
L	95+97.03	45.00	867375.5127	1670861.4503
L	100+44.05	45.00	867691.1015	1670571.0022
L	101+30.00	45.00	867765.9009	1670528.6567
L	102+04.13	57.00	867836.3234	1670502.5786
L	104+00.74	57.00	868005.2961	1670429.3427
L	105+88.12	-45.00	868167.0533	1670292.7008
L	107+85.00	-57.00	868358.8526	1670259.9732
L	111+75.00	-57.00	868710.9368	1670146.7476
L	112+75.00	-45.00	868802.4699	1670110.0189
L	115+53.05	-45.00	869044.8278	1669973.7241
L	118+22.00	-45.00	869314.3811	1669883.4514
L	119+18.26	-45.32	869402.5734	1669865.0984
L	116+72.79	42.91	869190.1554	1670003.6963
L	118+22.00	35.00	869325.0668	1669962.7345
L	119+22.00	50.00	869431.7920	1669955.9033
L	120+41.33	50.00	869551.2524	1669911.1374
L	120+22.00	-45.07	869494.0815	1669832.7496
L	96+84.97	45.00	867433.4315	1670792.0377
L	96+96.67	-45.00	867370.4259	1670726.7174
L	64+72.56	45.00	865033.4249	1672837.7324
L	19+50.00	60.00	860646.2587	1673066.3675
L	16+61.93	60.00	860456.6889	1673256.2592
L	14+65.00	60.00	860340.8274	1673415.4992
L	14+65.00	48.50	860331.5283	1673408.7333
L	14+65.00	-56.50	860246.6239	1673346.9576
L	14+65.00	-95.00	860215.4921	1673324.3064
L	33+80.00	70.00	861993.6668	1672976.9244
L	39+12.58	-88.94	862538.6343	1672867.7730
L	21+75.00	-190.00	860735.0123	1672732.5985
L	36+50.00	115.00	862258.3666	1673046.6309
L	64+72.56	-57.00	864952.4733	1672775.6772
L	64+39.64	-57.00	864933.5021	1672799.2734
L	65+72.56	-44.99	865022.8461	1672703.6217
L	89+90.00	-45.00	866861.4925	1671198.8084
L	108+24.60	48.43	868415.1054	1670357.4668
L	117+75.00	37.00	869281.4116	1669972.1242
L	18+75.00	-140.00	860460.7248	1672958.5263

RIGHT OF WAY CONTROL SHEET

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	53+80.16	150.14	861224.7039	1672651.8202
Y1	58+15.00	-141.72	861482.0505	1673107.9422
Y1	58+60.00	-200.00	861536.6725	1673157.3162
Y1	57+27.12	-133.65	861480.8042	1673019.6995
Y1	59+60.81	-165.00	861493.9777	1673255.1197
Y1	59+62.26	-142.23	861471.1665	1673254.8014
Y1	42+20.00	-123.59	861587.3710	1671516.3199

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y2	16+69.11	30.00	862601.0290	1673278.1309
Y2	18+03.94	30.00	862581.9720	1673406.4092
Y2	17+89.27	-30.00	862643.7271	1673405.2869
Y2	16+69.11	-30.00	862660.9052	1673281.9834
Y2	14+30.00	-30.00	862676.2582	1673043.3677
Y2	12+65.00	-35.00	862696.9541	1672884.6043
Y2	11+34.89	-35.00	862735.2435	1672768.8227
Y2	15+00.00	30.00	862611.8874	1673109.3708
Y2	12+88.70	38.83	862620.0151	1672894.3317
Y2	14+29.82	39.80	862606.6108	1673038.7108

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y3	15+90.00	29.79	863966.0670	1673129.2102
Y3	15+75.00	-30.20	864027.8802	1673127.7737
Y3	14+15.00	29.98	863988.9053	1672959.4626
Y3	14+25.00	-30.03	864047.2997	1672976.5040

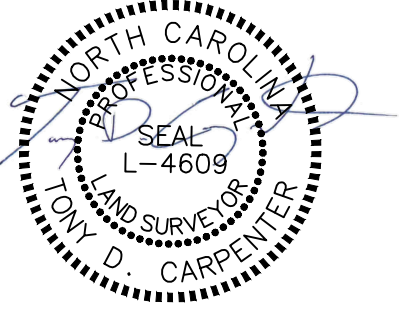
I, Tony D. Carpenter, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 25th day of January, 2023.

DocuSigned by:
Tony D. Carpenter
0F330EE1B13440.....
Professional Land Surveyor

L-4609



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 6/27/2022 TO 9/28/2022.

REVISIONS

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L-4609
Tony D. Carpenter

RIGHT OF WAY CONTROL SHEET

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y4	17+75.00	30.00	864709.4340	1672942.9467
Y4	12+49.69	30.00	864573.7130	1672460.1592
Y4	19+26.28	-54.12	864778.9723	1673103.0328
Y4	20+11.14	-44.17	864752.3212	1673185.7742
Y4	21+09.98	-40.60	864729.0507	1673281.8936
Y4	24+76.75	-39.50	864654.5979	1673641.0369
Y4	24+76.74	-29.50	864644.8027	1673639.0233

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y7	13+50.00	27.37	866546.4387	1671361.7118

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y8	13+00.00	29.75	868265.3196	1670262.2261
Y8	12+70.00	-30.06	868320.9513	1670225.0351
Y8	14+29.46	-38.65	868347.3024	1670379.8018

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1RPB	21+55.14	-161.91	862002.2836	1672586.9528
Y1RPB	19+64.97	-189.20	862013.1085	1672333.0679
Y1RPB	18+99.16	-171.42	861950.1861	1672276.2487
Y1RPB	18+30.70	-120.00	861862.3353	1672251.3551
Y1RPB	15+10.00	-105.00	861676.0418	1672025.8826

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1RPD	12+32.79	-181.89	861034.4548	1673891.5556
Y1RPD	12+12.32	-64.10	861153.2615	1673898.7297
Y1RPD	14+50.58	-127.60	861045.3295	1673710.9830
Y1RPD	15+93.70	-118.88	860997.0486	1673598.7042
Y1RPD	17+22.40	-95.98	860947.6048	1673483.8723
Y1RPD	19+50.00	-85.00	860826.7783	1673290.6770

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	41+10.00	66.00	862720.9251	1673040.2590
L	16+28.00	60.00	860436.7268	1673283.6951
L	16+04.00	60.00	860422.6066	1673303.1019
L	16+04.00	75.20	860434.8939	1673312.0420
L	16+28.00	77.08	860450.5406	1673293.7459
L	42+95.00	61.00	862906.9933	1673050.8926
L	45+40.00	65.00	863153.5325	1673068.3756
L	46+75.22	75.00	863289.7250	1673082.2319
L	46+99.00	-57.34	863316.1912	1672950.4122
L	46+99.00	-45.00	863315.9173	1672962.7454
L	42+95.00	45.00	862908.1376	1673034.9336
L	53+00.00	80.00	863907.4656	1673124.8151
L	51+87.02	-50.00	863806.5428	1672985.2463
L	51+88.33	-73.00	863809.9052	1672962.4555
L	52+22.00	-68.00	863842.9919	1672970.4417
L	53+20.00	-69.00	863940.6897	1672978.1960
L	55+70.00	-61.00	864188.9769	1673008.4862
L	56+03.00	-66.00	864222.2915	1673006.4526
L	56+42.00	-66.00	864261.1357	1673009.9349
L	56+60.00	-135.00	864285.2247	1672942.8177
L	56+82.00	-128.00	864306.5118	1672951.7541
L	55+07.00	77.00	864113.9067	1673140.3098
L	56+08.50	95.00	864213.3941	1673167.3007
L	56+08.50	85.00	864214.2869	1673157.3406
L	55+99.50	84.29	864205.3862	1673155.8305
L	55+99.50	95.00	864204.4300	1673166.4971
L	43+50.00	69.00	862961.8192	1673062.6323
L	44+50.00	75.00	863062.3094	1673074.3797
L	56+60.00	-45.00	864277.1888	1673032.4582
L	58+00.00	90.00	864410.0769	1673178.4535
L	59+10.00	82.00	864532.7319	1673164.5521
L	66+90.00	44.50	865165.3196	1672664.8605
L	74+18.50	-89.50	865504.3127	1672003.6212
L	76+83.50	-75.50	865704.4138	1671811.7211
L	76+83.50	-60.50	865714.5420	1671822.7854
L	76+92.00	-60.50	865721.0365	1671816.8686
L	76+92.00	-75.50	865710.9607	1671805.7565
L	77+81.00	-75.00	865781.4867	1671745.5758
L	77+81.00	-61.00	865790.3667	1671756.3992
L	77+90.00	-75.00	865788.7493	1671739.6475
L	77+90.00	-60.00	865798.2055	1671751.2914
L	79+40.00	-45.00	865930.9099	1671671.0917
L	79+66.00	-45.00	865953.0316	1671656.2310
L	79+66.00	-66.00	865941.4476	1671638.7150
L	80+20.50	-71.50	865986.1435	1671603.5902
L	80+29.50	-71.50	865994.1135	1671598.6870
L	80+29.50	-84.00	865987.5903	1671588.0241
L	80+20.50	-84.50	865979.3040	1671592.5348
L	80+29.50	-45.00	866007.9428	1671621.2923
L	81+90.00	-76.00	866138.1578	1671514.0267
L	84+09.69	-78.00	866348.3590	1671423.2770
L	85+08.00	-85.81	866437.6888	1671383.5432
L	85+22.00	-94.00	866447.2662	1671371.2940
L	85+27.50	-87.00	866454.5802	1671376.0299
L	83+45.00	71.00	866339.4974	1671585.4988
L	84+00.00	84.00	866393.3422	1671579.2061
L	89+00.00	-72.00	866775.2760	1671227.2981
L	90+27.00	-100.00	866855.6370	1671133.7085
L	90+27.00	-108.50	866850.3440	1671127.0576
L	91+95.00	-93.00	866986.4010	1671032.9678
L	96+19.00	-189.00	867212.7466	1670692.0375
L	96+40.00	-168.00	867240.8289	1670691.3682
L	94+70.00	-79.00	867199.1262	1670866.7168
L	93+65.50	-73.00	867129.3848	1670937.9632
L	94+97.00	-45.00	867241.4695	1670872.7624
L	95+67.00	-77.00	867264.9106	1670802.0037
L	96+70.00	-45.00	867353.7033	1670747.6816
L	89+65.00	65.90	866907.6689	1671302.7305
L	93+63.00	59.98	867213.4722	1671041.0091

I, Tony D. Carpenter, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 25th day of January, 2023.

DocuSigned by:
Tony D. Carpenter
0F330EE11B134A0...

Professional Land Surveyor

L-4609

- 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 6/27/2022 TO 9/28/2022.

PROJECT REFERENCE NO.

U-5760

SHEET NO.

RW03E-2

Location and Surveys

801 JONES FRANKLIN ROAD, SUITE 300
RAUBOH, NC 27055
LICENSE NO.: F06172
www.stantec.com

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

REVISIONS

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L-4609
Tony D. Carpenter

RIGHT OF WAY CONTROL SHEET

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	93+63.00	80.00	867226.4207	1671056.2817
L	93+54.00	80.00	867219.5559	1671062.1019
L	93+54.00	60.00	867206.6222	1671046.8468
L	88+92.50	85.50	866856.7081	1671362.3227
L	89+00.50	86.50	866864.2668	1671358.4588
L	89+02.00	70.33	866856.5258	1671344.1737
L	88+93.50	71.07	866849.5733	1671349.7409
L	99+00.00	-117.00	867476.8740	1670520.5942
L	98+93.50	-112.00	867474.2897	1670529.0598
L	99+27.00	-52.46	867539.5903	1670553.7475
L	95+97.03	71.00	867395.0081	1670878.6529
L	100+90.00	45.00	867731.0918	1670548.3628
L	97+90.00	77.00	867522.3476	1670739.7951
L	102+10.00	-77.00	867775.8499	1670382.8540
L	102+17.50	-79.00	867782.0004	1670377.1711
L	102+25.00	-45.25	867805.1193	1670403.0329
L	102+13.00	-62.00	867785.9547	1670394.3993
L	101+74.00	-45.00	867759.8520	1670428.6596
L	102+68.00	-46.95	867844.6053	1670381.0999
L	102+68.00	-80.00	867830.3427	1670351.2826
L	103+35.00	-71.00	867900.3707	1670330.6543
L	103+35.00	-49.06	867908.3818	1670351.0776
L	105+01.00	-92.00	868067.6411	1670260.0082
L	105+00.00	-81.50	868068.6035	1670270.5211
L	104+92.00	-81.51	868060.0715	1670272.2434
L	104+92.50	-92.50	868058.3801	1670261.3671
L	106+05.00	-79.00	868180.4402	1670257.1790
L	106+05.00	-48.43	868183.5065	1670287.5982
L	108+94.00	-72.00	868457.1334	1670225.3867
L	111+22.00	-72.00	868659.2720	1670155.1370
L	111+75.00	-77.00	868701.8142	1670128.9494
L	111+65.00	-57.00	868702.4423	1670151.0569
L	113+27.50	-96.50	868822.9861	1670039.3960
L	113+27.50	-84.61	868828.8120	1670049.7555
L	113+36.00	-85.00	868836.0319	1670045.2532
L	113+36.00	-96.50	868830.3949	1670035.2295
L	111+12.00	69.00	868708.3506	1670287.6953
L	111+12.00	44.90	868698.4990	1670265.7023
L	111+21.00	44.85	868706.9833	1670261.8048
L	111+20.99	69.00	868717.0167	1670283.7743
L	111+55.00	44.68	868738.7760	1670246.5398
L	111+55.00	59.00	868745.0956	1670259.3926
L	114+15.00	58.00	868974.9853	1670131.1716
L	114+15.00	45.00	868968.6130	1670119.8405
L	113+32.00	45.00	868896.2682	1670160.5250
L	113+32.00	59.00	868903.1307	1670172.7278
L	113+17.00	59.00	868890.0563	1670180.0804
L	113+17.00	45.00	868883.1939	1670167.8777
L	113+17.00	79.00	868899.8598	1670197.5129
L	113+32.00	79.00	868912.9342	1670190.1602

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	109+42.00	55.00	868535.7731	1670335.8834
L	109+42.00	46.57	868533.4464	1670327.7761
L	108+97.00	71.00	868494.1378	1670363.5483
L	108+88.00	71.00	868484.8745	1670365.7978
L	108+88.00	47.35	868479.3801	1670342.7961
L	108+97.00	47.21	868488.4376	1670340.4531
L	115+33.00	-89.00	869005.7812	1669945.2022
L	115+33.00	-80.00	869010.1927	1669953.0468
L	115+24.71	-80.21	869002.8661	1669956.9258
L	115+24.11	-89.00	868998.0323	1669949.5599
L	115+79.00	-45.00	869069.1163	1669960.6424
L	116+55.00	-75.00	869131.9726	1669899.5519
L	116+55.00	-45.00	869142.7904	1669927.5335
L	117+14.00	-45.00	869202.1749	1669907.3643
L	117+46.00	-45.00	869235.0237	1669898.5053
L	117+68.00	-139.00	869238.2304	1669801.3410
L	117+61.00	-142.50	869229.2912	1669799.7098
L	118+94.00	-46.39	869380.3279	1669869.7277
L	119+65.00	50.00	869475.6871	1669942.0909
L	119+65.00	60.00	869478.9757	1669951.5347
L	118+05.00	36.07	869309.2468	1669966.1372
L	118+05.00	50.00	869311.4385	1669979.8985
L	118+22.00	49.00	869326.9409	1669976.6085
L	117+42.00	40.44	869251.7479	1669982.3870
L	116+95.00	53.00	869213.0137	1670006.5698
L	116+95.00	68.00	869217.6273	1670020.8426
L	116+72.79	69.00	869198.9520	1670028.2595
L	114+95.00	45.00	869038.3429	1670080.6265
L	114+95.00	55.00	869043.2447	1670089.3427
L	115+27.00	45.00	869066.2349	1670064.9409
L	115+37.00	69.00	869086.7153	1670080.9581
L	115+37.00	45.00	869074.9511	1670060.0391
L	50+98.00	92.00	863706.2512	1673119.3346
L	51+19.00	90.00	863727.0796	1673118.9757
L	52+65.00	82.00	863872.4268	1673123.6820
L	52+65.00	74.00	863873.1411	1673115.7139
L	51+19.00	93.00	863727.6417	1673111.9983
L	50+98.00	80.00	863707.1799	1673107.3706
L	76+35.00	-60.50	865678.0252	1671857.1279
L	58+50.00	84.00	864466.1465	1673172.1206
L	58+15.00	80.00	864427.0530	1673168.7683
L	91+77.00	60.00	867071.6142	1671161.3100
L	95+32.00	-77.00	867242.1393	1670826.3215
L	98+95.00	77.00	867593.8671	1670675.4310
L	98+95.00	45.00	867573.8431	1670650.4703
L	98+60.00	95.00	867581.0078	1670709.5841
L	97+50.00	105.00	867517.8044	1670785.2239
L	97+00.00	88.00	867475.6996	1670808.0621
L	63+16.00	45.00	864918.4781	1672957.6779
L	63+16.00	77.00	864939.0092	1672982.2232
L	63+07.00	77.00	864931.3179	1672988.5744
L	63+07.00	45.00	864911.0991	1672963.7711
L	82+32.00	-83.00	866174.6472	1671488.7149
L	82+30.50	-74.27	866176.9245	1671497.2901
L	82+24.00	-84.50	866166.4308	1671490.9135
L	82+22.50	-74.53	866169.2722	1671500.5938
L	118+95.00	64.50	869407.2335	1669977.3060
L	119+00.00	45.36	869407.9120	1669957.4318
L	118+67.50	57.00	869376.4710	1669976.4189
L	118+72.00	40.56	869377.8991	1669959.3528
L	109+62.00	55.00	868555.8292	1670329.9462
L	109+62.00	46.31	868553.2919	1670321.6303
L	112+00.00	62.00	868788.4869	1670240.4120
L	83+25.00	58.07	866316.7984	1671580.6301
L	74+24.00	-79.50	865515.7021	1672005.4756
L	74+13.50	-86.50	865503.3422	1672009.5846
L	74+19.00	-78.00	865513.5670	1672010.4682
L	64+72.56	55.00	865041.3613	1672843.8163
L	64+99.81	55.00	865057.9395	1672822.1899
L	64+93.42	44.47	865045.6969	1672820.8482

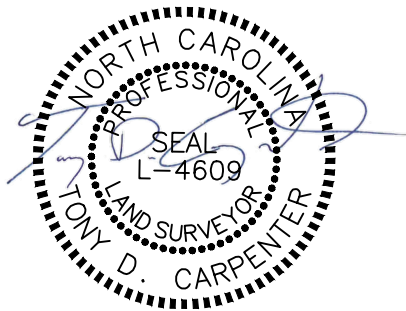
I, Tony D. Carpenter, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 25th day of January, 2023.

DocuSigned by:
Tony D. Carpenter
0F330EE11B134A0
Professional Land Surveyor

L-4609



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 6/27/2022 TO 9/28/2022.

RIGHT OF WAY CONTROL SHEET

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y3	16+25.00	29.89	863956.8831	1673160.2593
Y3	11+70.00	-42.00	864094.6342	1672734.7970
Y3	11+70.00	-30.00	864083.2840	1672730.8901
Y3	12+00.00	-40.00	864085.3401	1672759.3810
Y3	12+00.00	-29.91	864075.5373	1672756.9903
Y3	13+10.00	-30.00	864060.9004	1672862.3110
Y3	13+10.00	-44.00	864074.8060	1672863.9709
Y3	12+90.00	-44.00	864077.1766	1672844.1119
Y3	12+90.00	-29.99	864063.2657	1672842.4514
Y3	13+90.00	-30.02	864051.4390	1672941.7496
Y3	13+90.00	-48.00	864069.2957	1672943.8811
Y3	14+10.00	-30.02	864049.0737	1672961.6092
Y3	14+10.00	-48.00	864066.9252	1672963.7401
Y3	12+85.00	45.00	863989.3966	1672828.5983
Y3	12+85.00	30.01	864004.2800	1672830.3749
Y3	12+97.45	30.01	864002.8078	1672842.7362
Y3	12+97.45	45.01	863987.9130	1672840.9622
Y3	16+06.00	-30.23	864019.9215	1673160.1431
Y3	15+78.00	-63.00	864059.2894	1673137.7899
Y3	14+25.00	-56.50	864073.5874	1672979.6419

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y4	20+12.00	25.96	864683.4367	1673172.5810
Y4	15+42.00	37.00	864676.5656	1672721.2839
Y4	15+90.00	42.00	864681.5358	1672767.2343
Y4	13+40.00	30.00	864616.2726	1672536.4376
Y4	13+40.00	69.00	864581.3294	1672553.7573
Y4	24+76.76	-47.00	864661.9395	1673642.5461
Y4	19+05.00	-68.22	864796.5352	1673082.9086
Y4	17+50.00	58.00	864681.3438	1672919.2447
Y4	17+50.00	45.00	864694.3419	1672919.0185

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y5	10+61.00	40.00	865186.6337	1672662.5116
Y5	11+48.55	28.91	865247.0862	1672711.7904

ALIGN	STATION	OFFSET	NORTH	EAST
Y7	13+20.54	42.00	866532.0998	1671332.1068
Y7	13+13.00	29.00	866545.1761	1671324.6977
Y7	15+85.00	55.00	866593.5035	1671614.8023
Y7	15+85.00	42.00	866604.2428	1671607.4764
Y7	16+55.00	41.00	866654.5450	1671666.6177
Y7	16+70.00	29.62	866674.2040	1671669.7293
Y7	16+29.00	59.00	866621.2949	1671657.3454
Y7	16+20.50	58.50	866615.3072	1671649.5316
Y7	16+20.50	39.68	866629.7823	1671637.5038
Y7	16+29.00	39.68	866635.8720	1671644.6635
Y7	14+85.00	-45.00	866636.7437	1671480.0385
Y7	14+85.00	-28.81	866621.4412	1671485.3139
Y7	16+60.00	-30.44	866708.3320	1671619.3357
Y7	12+69.00	-58.94	866633.5461	1671281.9110
Y7	12+40.34	32.94	866542.6523	1671250.7078
Y7	11+55.00	53.50	866531.1374	1671159.4721
Y7	11+47.50	56.00	866529.8938	1671151.1997
Y7	11+43.50	42.77	866543.6344	1671149.1438
Y7	11+52.00	43.63	866541.3775	1671157.8285

ROW MARKER PERMANENT EASEMENT - E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y8	14+18.90	47.51	868260.6195	1670384.5543
Y8	14+35.51	49.20	868262.5477	1670403.6929
Y8	14+60.00	45.00	868273.6591	1670429.8798
Y8	14+60.00	31.91	868286.1987	1670426.1086
Y8	12+84.00	38.00	868255.2123	1670247.5377
Y8	12+75.00	38.00	868254.0936	1670238.7294
Y8	12+75.00	29.97	868262.0539	1670237.7055
Y8	12+85.19	-43.00	868335.7333	1670238.6615
Y8	15+04.00	-52.00	868379.5480	1670436.2715
Y8	15+26.00	-52.00	868387.8117	1670452.6717
Y8	16+05.00	-47.00	868424.1589	1670511.3137
Y8	16+05.00	-30.05	868411.2138	1670522.2533
Y8	15+83.00	-47.00	868410.4579	1670495.2601
Y8	15+83.00	-30.02	868397.2821	1670505.9720
Y8	15+26.00	-30.03	868368.5450	1670463.2388
Y8	15+04.00	-29.91	868359.4817	1670445.5187

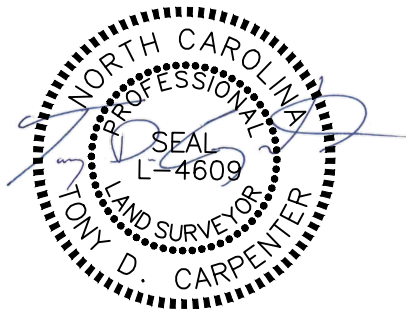
I, Tony D. Carpenter, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 25th day of January, 2023.

DocuSigned by:
Tony D Carpenter
0F33DEE11B134A0...

Professional Land Surveyor



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 6/27/2022 TO 9/28/2022.

NAD 83/NA 2011

LOWE'S HOME CENTERS, INC. #1141

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DB 2123 PG 3174
DB 2123 PG 3176
DB 2123 PG 3177
DB 2123 PG 3179
PB 43 PG 128
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(1A)
FAB DEVELOPMENT
COMPANY, INC.
DB 1974 PG 1091
DB 1974 PG 1095
DB 2126 PG 4050
PB 42 PG 72

-L- POT Sta. 10+00.00

LOWE'S HOME CENTERS, INC. #114
DB 2123 PG 3174
DB 2123 PG 3176
DB 2123 PG 3177
DB 2123 PG 3179
PB 43 PG 128

\ SLOPE EASEMEN
 PB 43 PG 128
 / DB 2070 PG 157

I, Tony D. Carpenter, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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Tony D Carpenter
0F33DEE11B134A0...

Professional Land Surveyor

L-4609



2
CENTRE PARK FORTY
ASSOCIATES, LLC
DB 2238 PG 589
PB 44 PG 32-35

2
CENTRE PARK FORTY
ASSOCIATES, LLC
DB 2238 PG 589
PB 44 PG 32-35

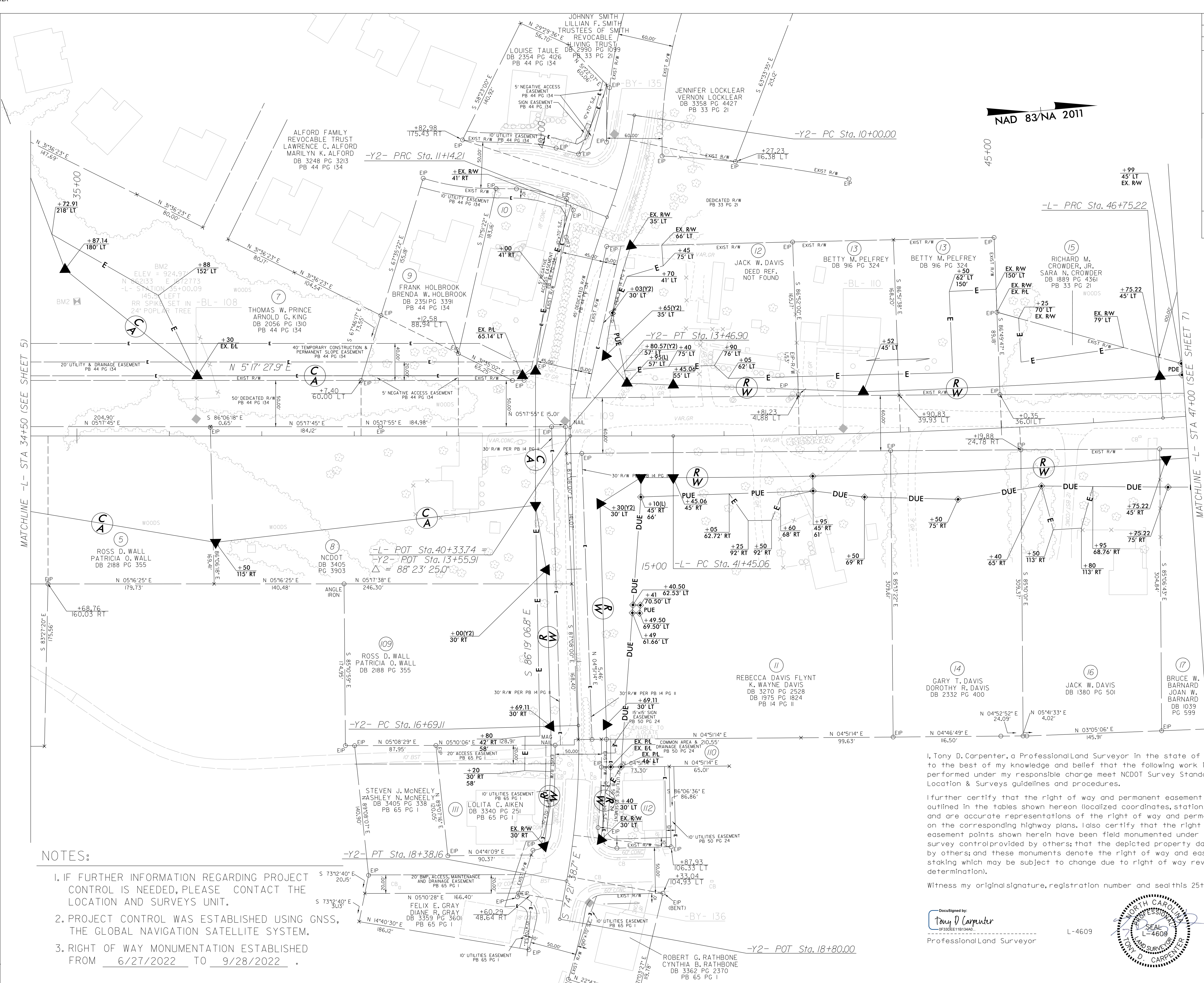
NOTES:

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

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

3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 6/27/2022 TO 9/28/2022 .

PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW04
Location and Surveys	
 Stantec 801 JONES FRANKLIN ROAD RALEIGH, NC 27606 LICENSE NO.: F40672 www.stantec.com	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW06
Location and Surveys	
 Stantec 831 JONES FRANKLIN ROAD RALEIGH, NC 27608 LICENSE NO.: F-0492 www.stantec.com	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Tony D. Carpenter, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 25th day of January, 2023.

DocuSigned by:
Tony D Carpenter
0F33DEE11B134A0...

Professional Land Surveyor

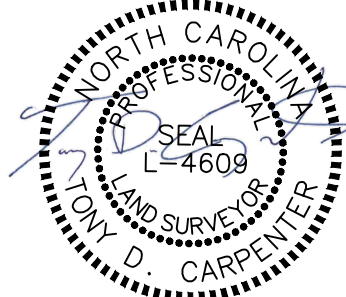
L-4609



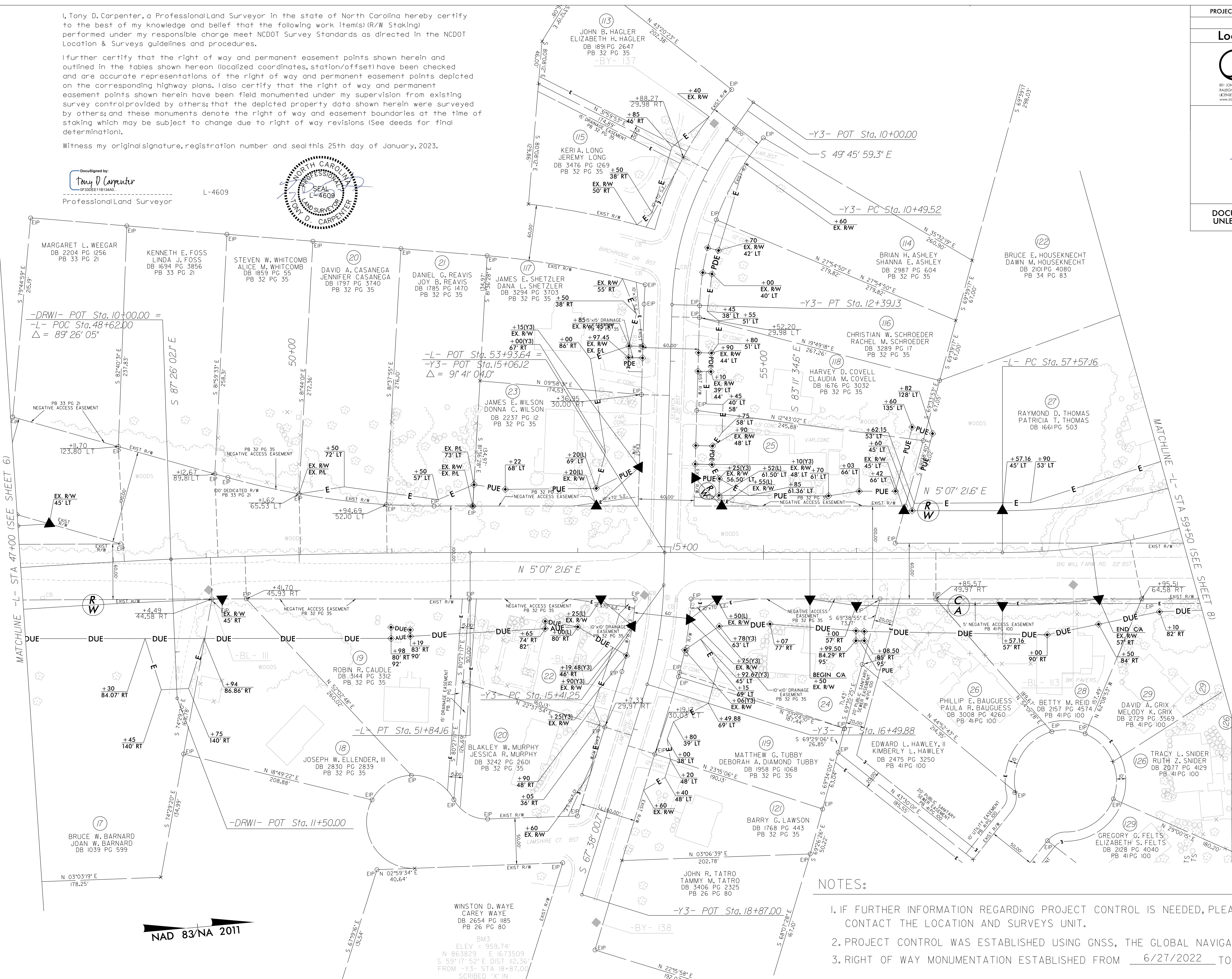
I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

DocuSigned by:
Tony D Carpenter
0F33DEE11B134A0...

Professional Land Surveyor



L-4609



NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE
CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 6/27/2022 TO 9/28/2022 .

PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW07
Location and Surveys	
 Stantec 801 JONES BRANKEN ROAD RALEIGH, NC 27608 LICENSE NO.: F-6672 www.stantec.com	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS

-L-
PI Sta 49+29.80
 $\Delta = 4^{\circ}02'19.7''$ (RT)
D = 0' 47' 36.9"
L = 508.94'
T = 254.58'
R = 7,220.00'
SE = NC
RO = NONE

-Y3-
PI Sta 61+48.44
 $\Delta = 57^{\circ}38'59.7''$ (LT)
D = 8' 03' 30.5"
L = 715.39'
T = 391.28'
R = 711.00' (DS = 45 MPH)
SE = 0.04
RO = 156'

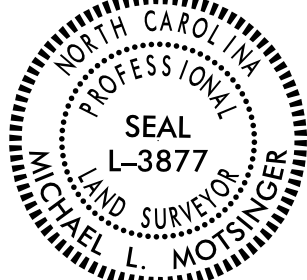
-Y3-
PI Sta 11+47.11
 $\Delta = 33^{\circ}25'35.3''$ (LT)
D = 17' 37' 46.1"
L = 189.61'
T = 97.59'
R = 325.00'
SE = 0.04
RO = 84'

-Y3-
PI Sta 15+95.90
 $\Delta = 15^{\circ}33'33.9''$ (RT)
D = 14' 19' 26.2"
L = 108.63'
T = 54.65'
R = 400.00'
SE = 0.035
RO = 84'

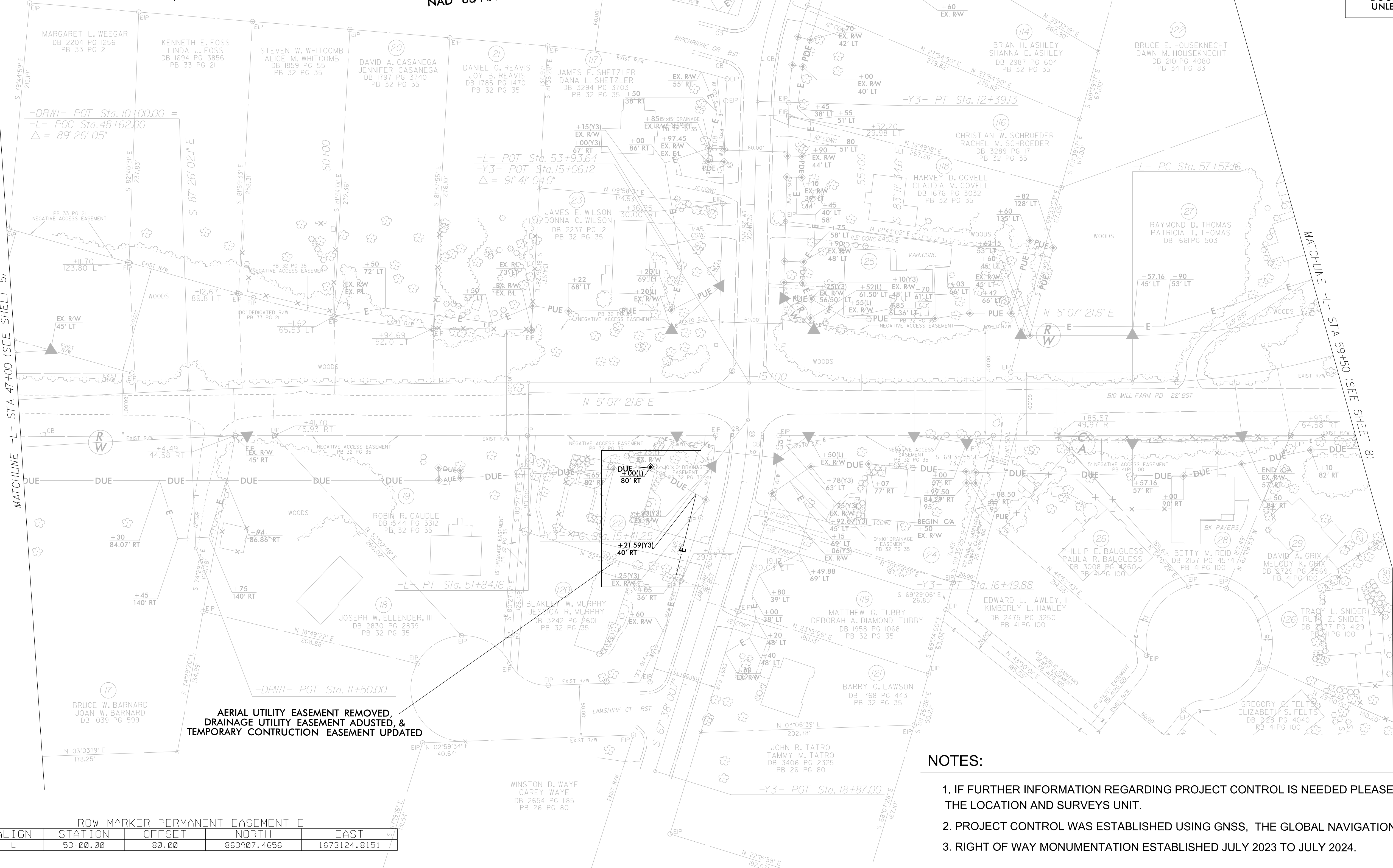
I, Michael L. Molsinger, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from July 2023 to July 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 10th day of December, 2024.

DocuSigned by:
Michael L. Molsinger
Professional Land Surveyor L-3877



NAD 83/NA 2011



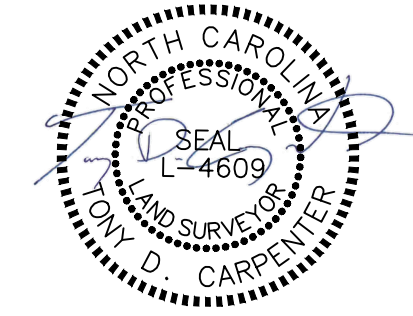


1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 6/27/2022 TO 9/28/2022 .

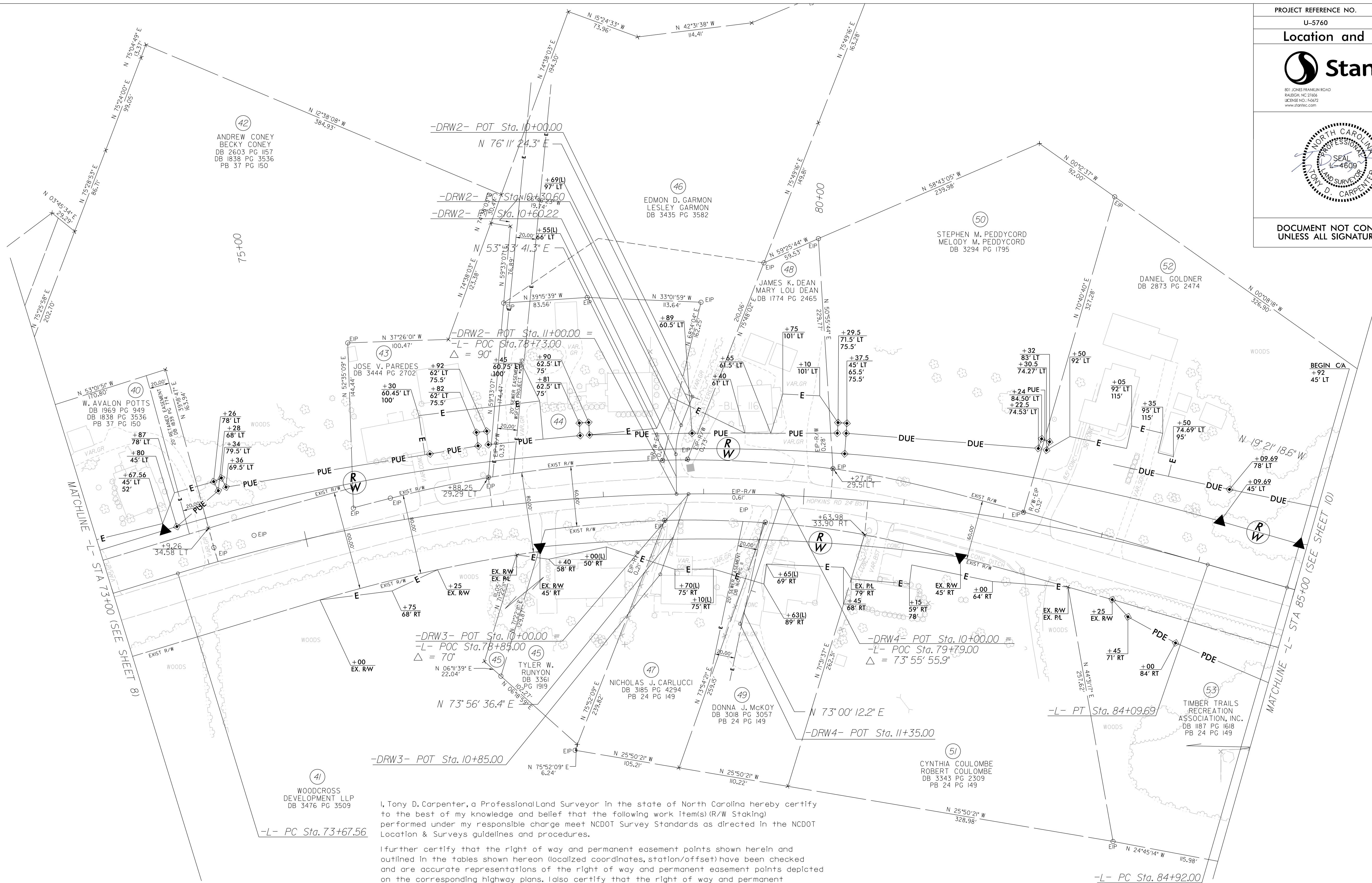
Witness my original signature, registration number and seal this 25th day of January, 2023.

Professional Land Surveyor

L-4609



PROJECT REFERENCE NO.	SHEET NO.
U-5760	RW08
Location and Surveys	
 Stantec	
857 JONES FRANKLIN ROAD RALEIGH, NC 27609 LICENSE NO. - F50472 www.stantec.com	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



NAD 83/NA 2011

I, Tony D. Carpenter, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 25th day of January, 2023.

DocuSigned by:
Tony D Carpenter
0F33DEE11B134A0...

Professional Land Surveyor

L-4609



NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE
CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 6/27/2022 TO 9/27/2022 .

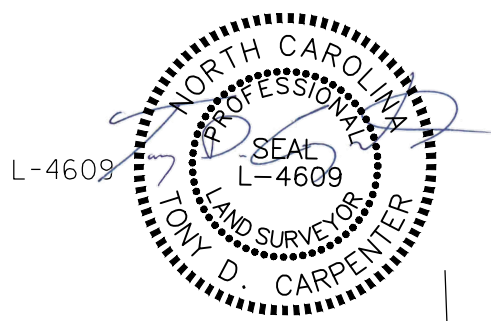
6/2/99

I, Tony D. Carpenter, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 25th day of January, 2023.

DocuSigned by:
Tony D. Carpenter
0F330EE11B134A0
Professional Land Surveyor



PROJECT REFERENCE NO.
U-5760

SHEET NO.
RW11

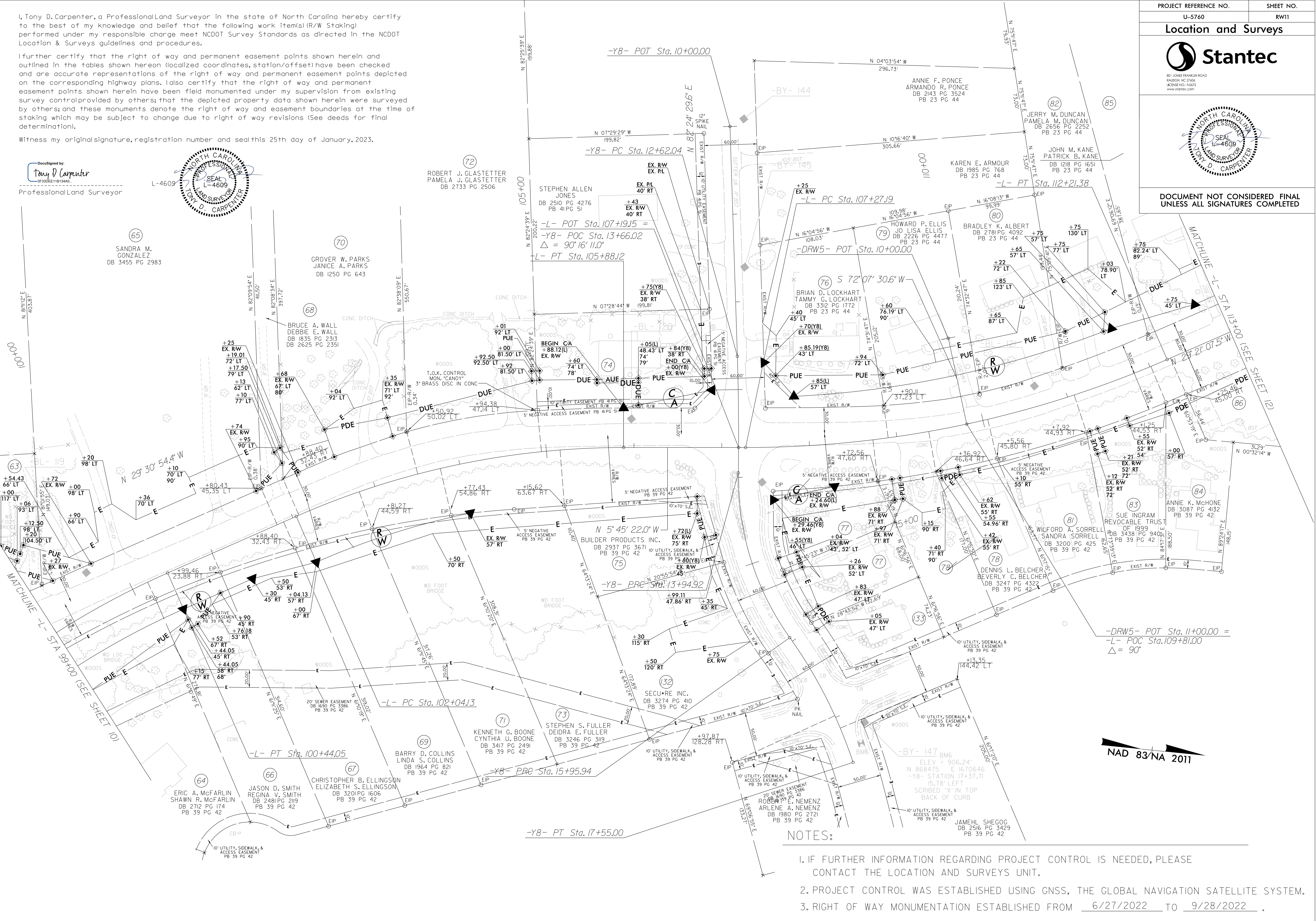
Location and Surveys

STANTEC
801 JONES FRANKLIN ROAD
RALEIGH, NC 27606
PHONE: 919.744.0272
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REVISIONS

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AT CARPENTER-T



- NOTES:
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
 - PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
 - RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 6/27/2022 TO 9/28/2022 .

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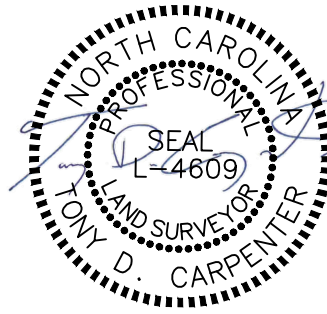
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17-DEC-2024 15:07
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tcarpenter AT CARPENTER-LTI

Witness my original signature, registration number and seal this 25th day of January, 2023.

L-4609



NAD 83/NA 2011