
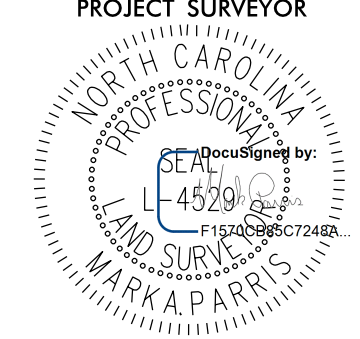


PROJECT REFERENCE NO. HB-0003	SHEET NO. RW02C-1
Location and Surveys	
	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SURVEY CONTROL SHEET

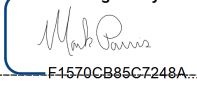
W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

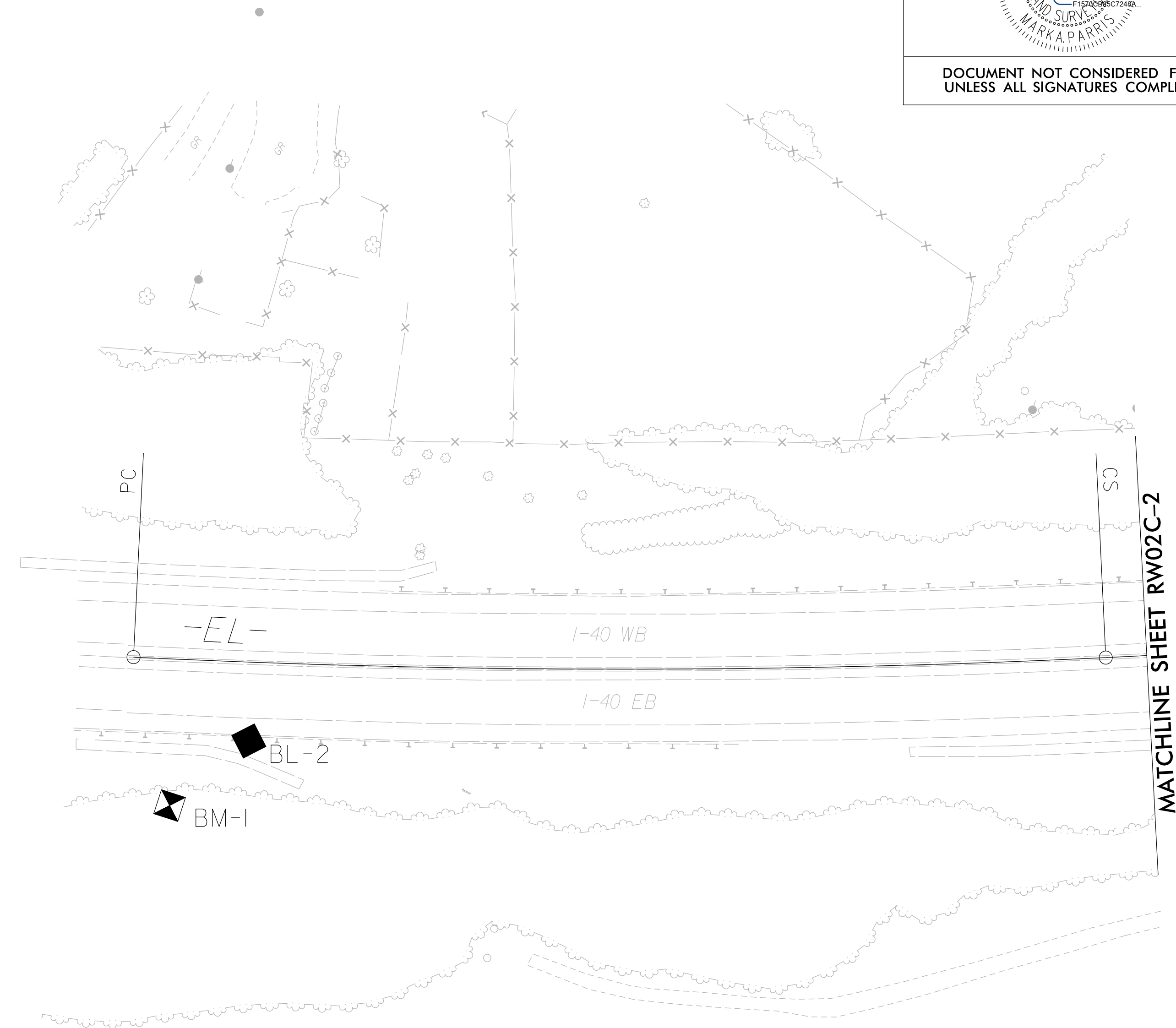
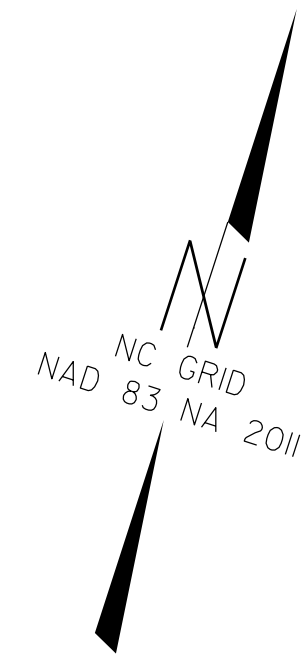
I, Mark A. Parris, PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: AA
 Type of GPS field procedure: RTN
 Dates of survey: 1/15/18 to 1/23/18
 Datum/Epoch: NAD83/NA2011
 Published/Fixed-control use: N/A
 Localized around: I-40-G108
 Northing: 679682.775
 Easting: 856703.539
 Combined grid factor: 0.999764259
 Geoid model: G12BUS
 Units: US SURVEY FT.

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 1/05/22 to 1/12/22, 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 28th day of March, 2022.

DocuSigned by:

 Professional Land Surveyor L-4529



BL-1

BL-2

BM-1

**SEE SHEETS RW02C-5
 FOR FURTHER
 ALIGNMENT DETAILS**


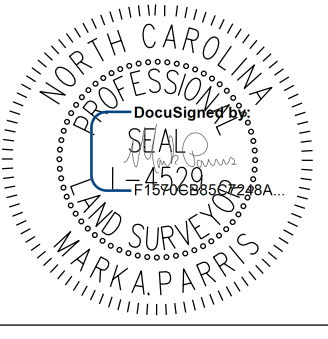
NOTES:

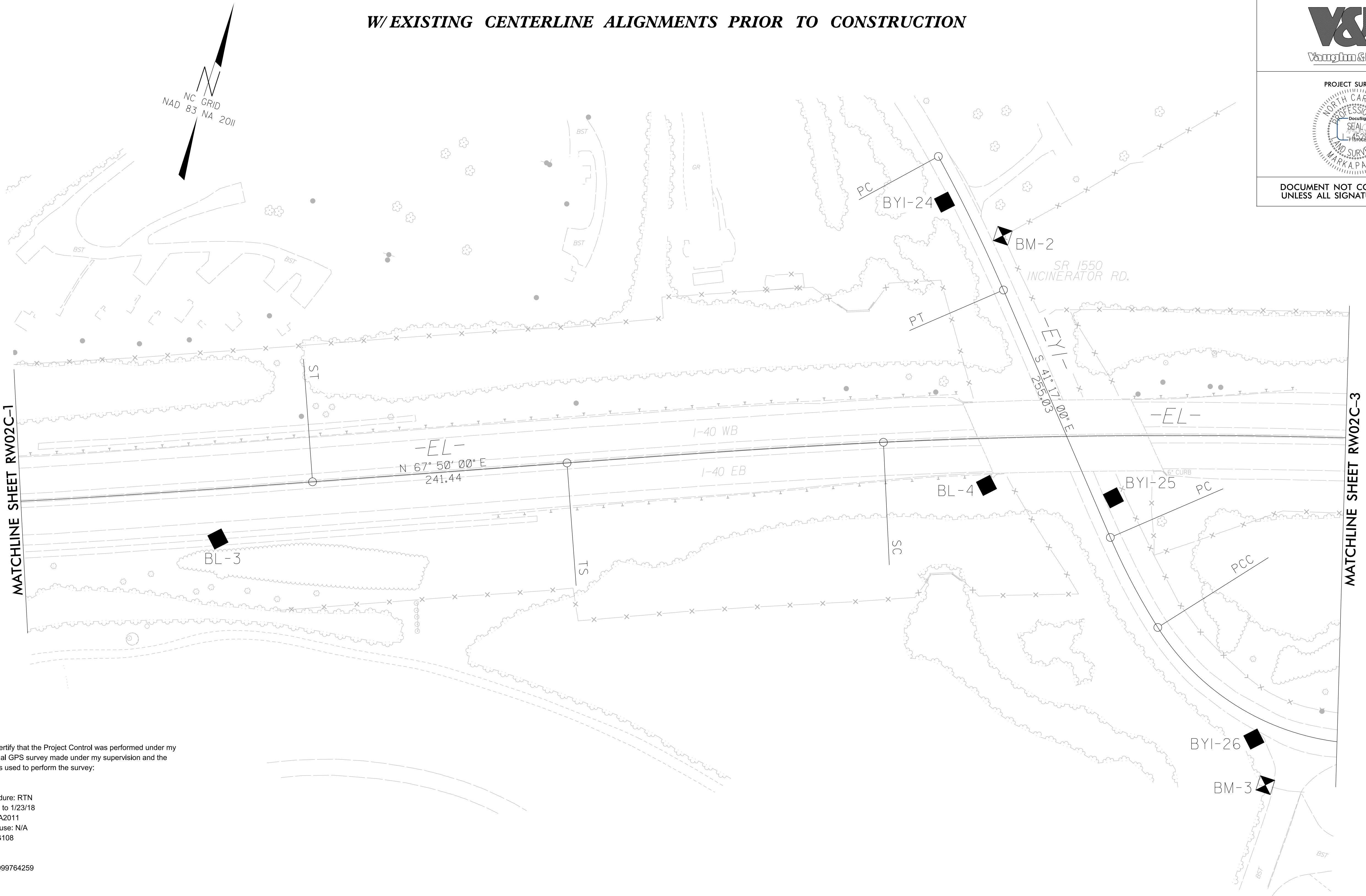
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

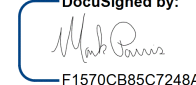
PROJECT REFERENCE NO. HB-0003	SHEET NO. RW02C-2
Location and Surveys	
	
PROJECT SURVEYOR 	
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 DocuSigned by:

 F1570CB85C7248A
 Professional Land Surveyor L-4529

**SEE SHEETS RW02C-5
 FOR FURTHER
 ALIGNMENT DETAILS**

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6/2/19

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Easting: 856703.539
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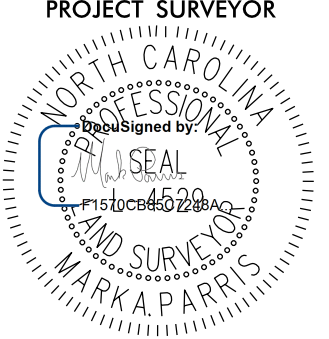
DocuSigned by:

Professional Land Surveyor L-4529

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



PROJECT REFERENCE NO. HB-0003	SHEET NO. RW02C-3
Location and Surveys	
	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS

29-MAR-2022 10:39
V:\NC\Survey\4032112-34_D14hb\CON-SUE\Survey\Date - Work\HB003 - BR239\Date-Work\HB003_1s-RW02C-3.dgn
jcjordan

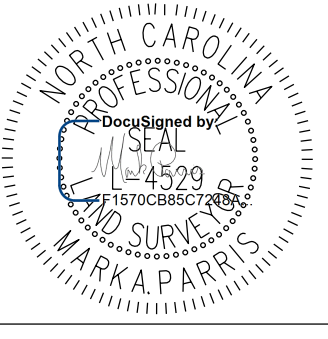
**SEE SHEETS RW02C-5
FOR FURTHER
ALIGNMENT DETAILS**

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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. HB-0003	SHEET NO. RW02C-4
Location and Surveys	
	
PROJECT SURVEYOR 	
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**SEE SHEETS RW02C-5
FOR FURTHER
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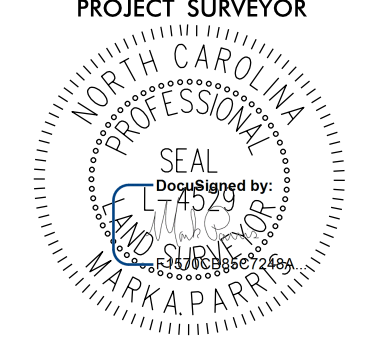
This 28th day of March, 2022.

DocuSigned by:

 Professional Land Surveyor L-4529

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. HB-0003	SHEET NO. RW02C-5
Location and Surveys	
	
PROJECT SURVEYOR	
	
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BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		BL - 1	677633.5430	846305.4090	2703.58
2		BL - 2	677802.0780	847025.3610	2694.87
3		BL - 3	678028.9450	847684.7640	2670.79
4		BL - 4	678301.0000	848361.0150	2648.59
5		BL - 5	678478.8470	849019.1240	2635.14
6		BL - 6	678629.8110	849768.9020	2617.65
7		BL - 7	678732.5010	850422.6500	2605.68

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
24		BY1 - 24	678543.8170	848240.7220	2626.10
25		BY1 - 25	678326.8050	848478.8830	2629.46
26		BY1 - 26	678150.5430	848675.5880	2632.11
27		BY1 - 27	678336.6590	849064.2670	2634.63
28		BY1 - 28	678494.3070	849331.2930	2628.00
29		BY1 - 29	678402.4240	849922.4710	2594.06
Y6		BL - 6	678629.8110	849768.9020	2617.65

.....
 BM1 ELEVATION = 2695.83
 N 677753 E 846994
 SPIKE SET IN BASE OF 20" LOCUST

 BM2 ELEVATION = 2626.87
 N 678531 E 848303
 SPIKE SET IN FENCE POST

 BM3 ELEVATION = 2631.52
 N 678112 E 848699
 SPIKE SET IN BASE OF 28" PINE

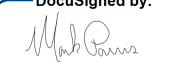
 BM4 ELEVATION = 2633.28
 N 678521 E 849268
 SPIKE SET IN PINE STUMP

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This 28th day of March, 2022.

DocuSigned by:

 F1870286522884
 Professional Land Surveyor L-4529

BL	POINT	N	E	BEARING	DIST
POT		677633.543	846305.409		
LINE				N 76°49'29.1" E	739.42
POT		677802.078	847025.361		
LINE				N 71°00'51.4" E	697.34
POT		678028.945	847684.764		
LINE				N 68°05'06.5" E	728.92
POT		678301.000	848361.015		
LINE				N 74°52'39.5" E	681.72
POT		678478.847	849019.124		
LINE				N 78°36'57.6" E	764.82
POT		678629.811	849768.902		
LINE				N 81°04'22.8" E	661.76
POT		678732.501	850422.650		

EY1	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC		678583.175	848221.923	S 43°55'15.0" E	140.62	05°16'30.0"(RT)	03°45'00.0"	140.67	70.38	1527.89
CURVE										
PT		678481.889	848319.464	S 41°17'00.0" E	255.03					
LINE										
PC		678290.247	848487.727	S 45°44'19.8" E	96.24	08°54'39.6"(LT)	09°15'00.0"	96.34	48.26	619.41
CURVE										
PCC		678223.079	848556.649	S 82°11'22.9" E	250.38	63°59'26.5"(LT)	24°15'00.0"	263.88	147.61	236.27
CURVE										
PCC		678189.055	848804.703	N 60°23'57.0" E	116.92	10°49'53.9"(LT)	09°15'00.0"	117.10	58.72	619.41
CURVE										
PT		678246.810	848906.368	N 54°59'00.0" E	210.38					
LINE										
PC		678367.529	849078.666	N 65°58'00.0" E	256.85	21°58'00.0"(RT)	08°30'00.0"	258.43	130.82	674.07
CURVE										
PT		678472.137	849313.251	N 76°57'00.0" E	4.33					
LINE										
PC		678473.114	849317.467	S 88°30'30.0" E	205.52	29°05'00.0"(RT)	14°00'00.0"	207.74	106.16	409.26
CURVE										
PT		678467.764	849522.912	S 73°58'00.0" E	86.73					
LINE										
PC		678443.810	849606.266	S 79°57'30.0" E	132.91	11°59'00.0"(LT)	09°00'00.0"	133.15	66.82	636.62
CURVE										
PT		678420.636	849737.135	S 85°57'00.0" E	56.50					
LINE										
POT		678416.646	849793.494							

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REVISIONS