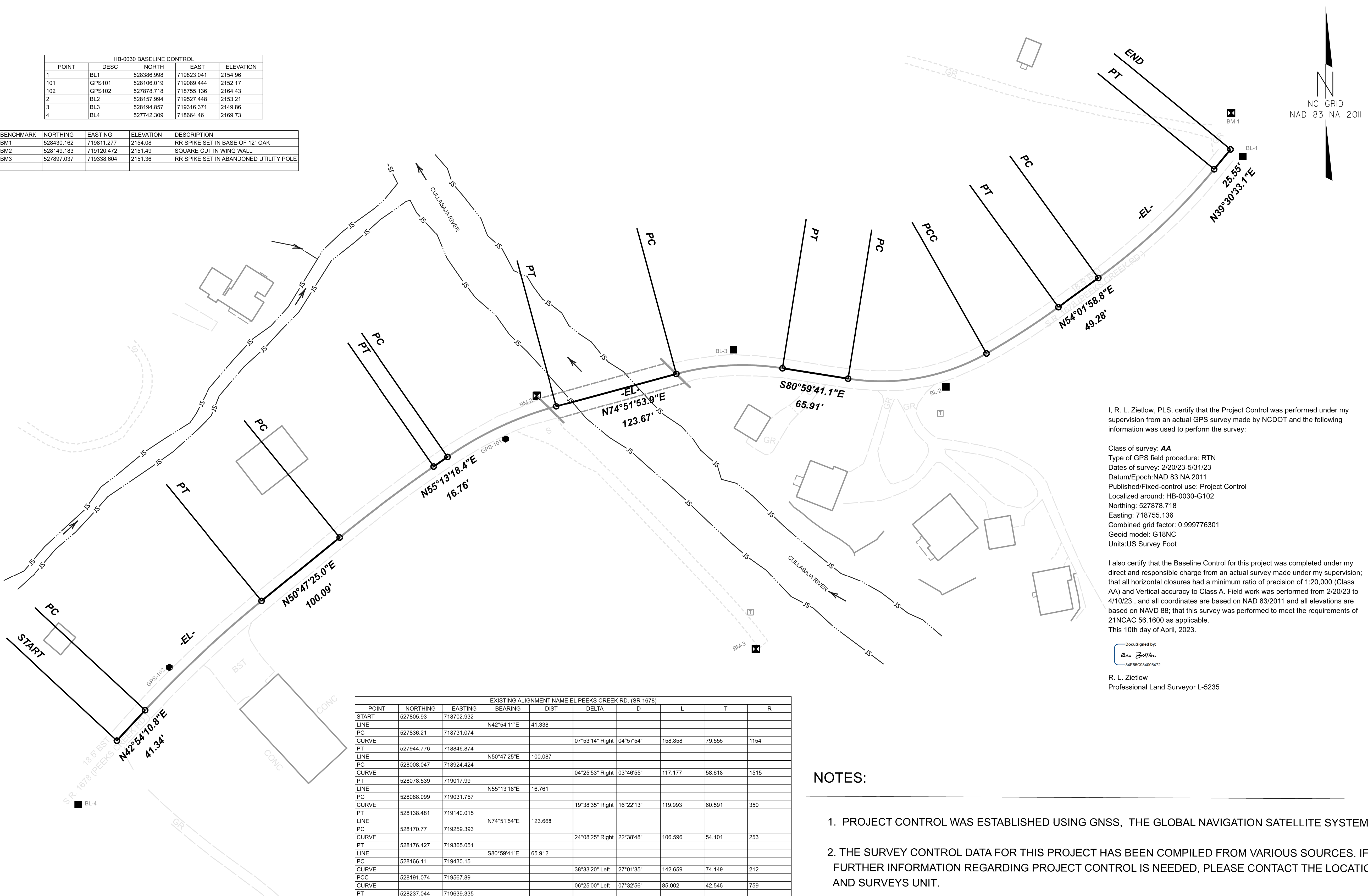


SURVEY CONTROL SHEET
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

HB-0030 BASELINE CONTROL				
POINT	DESC	NORTH	EAST	ELEVATION
1	BL1	528386.998	719823.041	2154.96
101	GPS101	528106.019	719089.444	2152.17
102	GPS102	527878.718	718755.136	2164.43
2	BL2	528157.994	719527.448	2153.21
3	BL3	528194.857	719316.371	2149.86
4	BL4	527742.309	718664.46	2169.73

BENCHMARK	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM1	528430.162	719811.277	2154.08	RR SPIKE SET IN BASE OF 12" OAK
BM2	528149.183	719120.472	2151.49	SQUARE CUT IN WING WALL
BM3	527897.037	719338.604	2151.36	RR SPIKE SET IN ABANDONED UTILITY POLE



I, R. L. Zietlow, PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made by NCDOT and the following information was used to perform the survey:

Class of survey: **AA**
Type of GPS field procedure: RTN
Dates of survey: 2/20/23-5/31/23
Datum/Epoch: NAD 83 NA 2011
Published/Fixed-control use: Project Control
Localized around: HB-0030-G102
Northing: 527878.718
Easting: 718755.136
Combined grid factor: 0.999776301
Geoid model: G18NC
Units: US Survey Foot

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 2/20/23 to 4/10/23, 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 April, 2023.

DocuSigned by:
R. L. Zietlow
84E55C084005472...

R. L. Zietlow
Professional Land Surveyor L-5235

EXISTING ALIGNMENT NAME: EL PEEKS CREEK RD. (SR 1678)									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	527805.93	718702.932							
LINE			N42°54'11"E	41.338					
PC	527836.21	718731.074							
CURVE					07°53'14" Right	04°57'54"	158.858	79.555	1154
PT	527944.776	718846.874							
LINE			N50°47'25"E	100.087					
PC	528008.047	718924.424							
CURVE					04°25'53" Right	03°46'55"	117.177	58.618	1515
PT	528078.539	719017.99							
LINE			N55°13'18"E	16.761					
PC	528088.099	719031.757							
CURVE					19°38'35" Right	16°22'13"	119.993	60.591	350
PT	528138.481	719140.015							
LINE			N74°51'54"E	123.668					
PC	528170.77	719259.393							
CURVE					24°08'25" Right	22°38'48"	106.596	54.101	253
PT	528176.427	719365.051							
LINE			S80°59'41"E	65.912					
PC	528166.11	719430.15							
CURVE					38°33'20" Left	27°01'35"	142.659	74.149	212
PCC	528191.074	719567.89							
CURVE					06°25'00" Left	07°32'56"	85.002	42.545	759
PT	528237.044	719639.335							
LINE			N54°01'59"E	49.282					
PC	528265.989	719679.222							
CURVE					14°31'28" Left	09°10'02"	158.43	79.642	625
PT	528374.21	719794.349							
LINE			N39°30'33"E	25.55					
END	528393.922	719810.605							

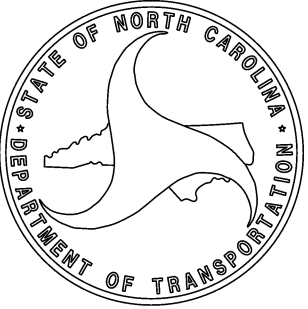
NOTES:

- 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.

HB-0030

R/W 02C-1

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR

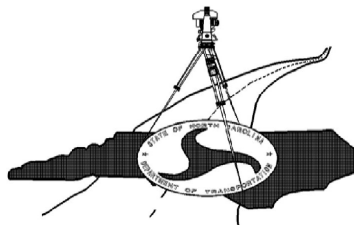


DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2018 STANDARD
SPECIFICATIONS

TIP Project: **HB-0030**
County: **MACON**

PREPARED FOR



LOCATION AND
SURVEYS UNIT

PREPARED BY

MATTEN AND CRAIG
12 BROAD ST.
ASHEVILLE NC 28801