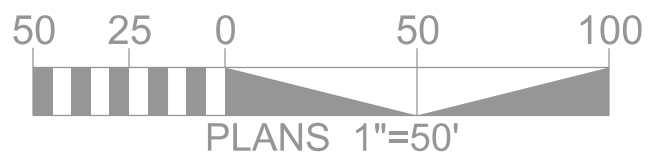
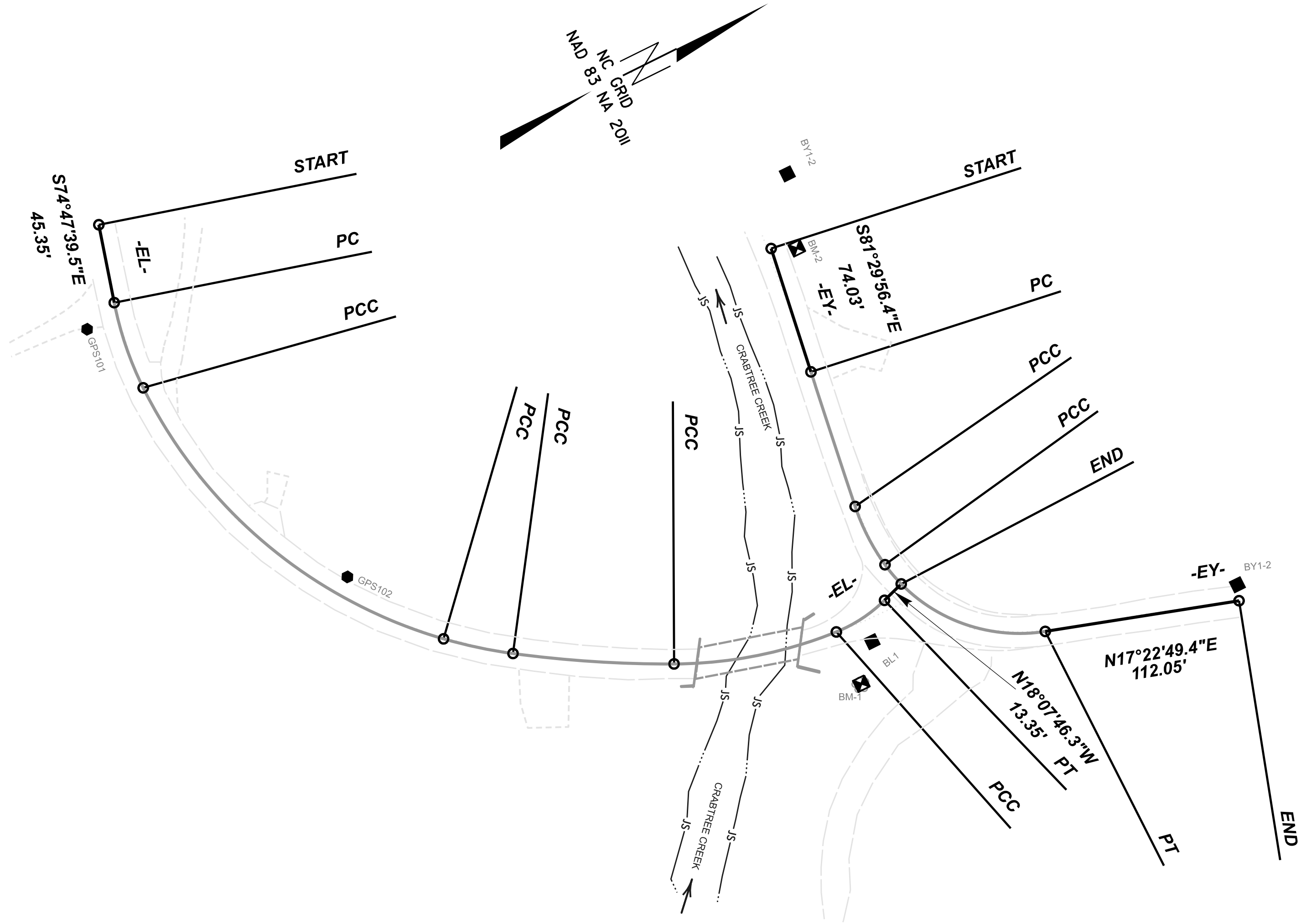


BP14R032 BASELINE POINT TABLE				
POINT	DESC	NORTH	EAST	ELEVATION
1	BL1	697579.460	829378.600	2480.83
101	GPS101	697257.080	829019.590	2502.36
102	GPS102	697327.400	829212.350	2485.28
2	BY1-2	697654.760	829117.690	2473.7
3	BY1-3	697780.750	829442.150	2490.44

BENCHMARK				
BM1	697563.240	829397.410	2480.30	BM1 IS RR SPIKE IN BASE OF 7" WALNUT
BM2	697640.800	829156.190	2475.54	BM2 IS HIGH CORNER OF WINGWALL

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



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, 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: 5/25/23-8/28/23
Datum/Epoch:NAD 83 NA 2011
Published/Fixed-control use: Project Control
Localized around: bp14r032-G102
Northing: 697327.397'
Easting: 829212.354'
Combined grid factor: 0.999771344
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 5/24/23 , 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 28th day of August, 2023.

DocuSigned by:

84E55C984005472...
R. L. Zietlow
Professional Land Surveyor L-5235

BP14R032

R/W

02C-1

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR



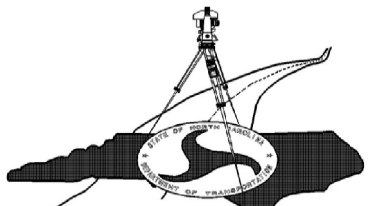
DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

TIP PROJECT: BP14R032

County: HAYWOOD

PREPARED FOR



LOCATION AND
SURVEYS UNIT

PREPARED BY

MATTERN AND CRAIG
12 BROAD ST.
ASHEVILLE NC 28801