

REVISIONS

SURVEY CONTROL SHEET
W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.
HE-0001B

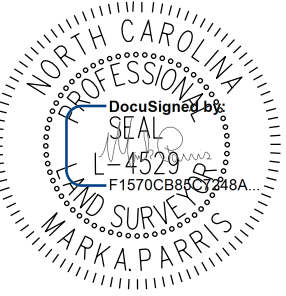
SHEET NO.
RW02C-4

Location and Surveys



NO FIRM LICENSE # C-0005
1115 FAYTON AVENUE
ASHEVILLE, NC 28601
828-353-0706

PROJECT SURVEYOR



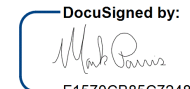
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Mark A. Parris, PLS, certify that the Project Control was verified 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: Static
Dates of survey: April 2014
Datum/Epoch:NAD 83/NA 2011
Published/Fixed-control use: N/A
Localized around: I4400C-20
Northing:628284.1370
Easting:949025.9930
Combined grid factor:0.99978203
Geoid model:Geoid12A
Units:US Survey Feet

I also certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from 3/24/21 to 3/30/21 , 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 3rd day of November, 2023.


F151NC286017248A

Professional Land Surveyor L-4529

BL	POINT	DESC.	NORTH	EAST	ELEVATION
50	BL 1-50	" I - 4700"	658410.8925	937191.4614	2040.55
1		HE - 1	658617.3322	936665.5207	2102.06
2		HE - 2	658568.6484	936437.7591	2102.15
3		HE - 3	658372.1214	936306.7791	2098.36
4		HE - 4	658302.3859	936016.7287	2044.98
5		HE - 5	658050.3396	935901.4603	2047.87
6		HE - 6	657813.6738	935674.9922	2055.56
7		HE - 7	657553.1388	935589.2624	2068.49
8		HE - 8	657387.2714	935390.9793	2075.12
9		HE - 9	657113.5022	935284.1125	2091.89
10		HE - 10	656852.1772	935263.9507	2107.19
11		HE - 11	656875.0531	935008.8780	2126.09
12		HE - 12	657029.8390	934755.2681	2186.57
13		HE - 13	656995.6639	934472.7879	2186.30
14		HE - 14	657099.9083	933918.8737	2177.78

BM1 ELEVATION = 2104.48
N 658600 E 936523
R/R SPIKE SET IN BASE OF 18" RED OAK

BM2 ELEVATION = 2178.99
N 657086 E 933895
R/R SPIKE SET IN BASE OF 12" RED OAK

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.