

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	76136.320	2173664.301	N 79°28'28.0" E	937.85									
LINE													
TS	76307.641	2174586.370	N 78°45'16.3" E	249.98									
SPIRAL										02°09'35.3"(LT)	250.00	166.68	83.34
SC	76356.391	2174831.555	N 54°12'02.0" E	2603.52	46°13'41.5"(LT)	01°43'40.2"	2675.50	1415.38	3316.05				
CURVE													
CS	77879.317	2176943.187	N 29°38'47.7" E	249.98						02°09'35.3"(LT)	250.00	166.68	83.34
SPIRAL													
ST	78096.577	2177066.841	N 28°55'36.0" E	1101.39									
LINE													
POT	79060.553	2177599.570											

EY POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	77388.405	2173881.362	S 81°50'17.3" E	660.53					
LINE									
PC	77294.629	2174535.200	S 85°15'48.3" E	274.84	06°51'02.1"(LT)	02°29'28.0"	275.00	137.66	2300.00
CURVE									
PCC	77271.935	2174809.098	N 88°46'51.0" E	344.37	05°03'39.2"(LT)	01°28'08.8"	344.48	172.35	3900.00
CURVE									
PCC	77279.262	2175153.392	N 84°13'16.2" E	424.91	04°03'30.4"(LT)	00°57'17.7"	425.00	212.59	6000.00
CURVE									
PT	77322.045	2175576.144	N 82°11'31.0" E	638.34					
LINE									
PC	77408.767	2176208.563	S 72°58'29.0" E	484.49	49°40'00.0"(RT)	09°56'00.0"	500.00	266.93	576.80
CURVE									
PT	77266.911	2176671.822	S 48°08'29.0" E	93.01					
LINE									
PC	77204.845	2176741.096	S 74°20'00.5" E	1011.57	52°23'03.0"(LT)	05°00'00.0"	1047.68	563.66	1145.92
CURVE									
PT	76931.682	2177715.088	N 79°28'28.0" E	841.90					
LINE									
POT	77085.476	2178542.823							

EY2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	78285.533	2176060.370	S 07°27'12.5" E	430.00					
LINE									
PC	77859.162	2176116.150	S 20°09'00.9" E	197.81	25°23'37.0"(LT)	12°43'56.6"	199.44	101.39	450.00
CURVE									
PT	77673.458	2176184.293	S 32°50'49.4" E	130.82					
LINE									
PC	77563.550	2176255.251	S 28°41'16.6" E	36.26	08°19'05.7"(RT)	22°55'05.9"	36.30	18.18	250.00
CURVE									
PT	77531.738	2176272.659	S 24°31'43.7" E	46.04					
LINE									
POT	77489.856	2176291.771							

EY3 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	77413.991	2176274.992	N 02°24'37.0" W	44.26					
LINE									
PC	77458.211	2176273.130	N 46°30'26.0" E	54.28	88°11'38.0"(RT)	146°54'44.1"	60.03	37.79	39.00
CURVE									
PT	77495.569	2176312.507	S 89°23'45.0" E	82.62					
LINE									
PC	77494.697	2176395.124	N 65°15'08.6" E	154.14	50°42'12.9"(LT)	31°49'51.6"	159.29	85.28	180.00
CURVE									
PCC	77559.225	2176535.111	N 37°18'11.2" E	235.66	05°11'41.9"(LT)	02°12'13.3"	235.74	117.95	2600.00
CURVE									
PT	77746.678	2176677.928	N 34°42'20.2" E	89.44					
LINE									
PC	77820.205	2176728.851	N 31°23'24.4" E	366.79	06°37'51.7"(LT)	01°48'24.7"	366.99	183.70	3171.00
CURVE									
PT	78133.308	2176919.895	N 28°04'28.5" E	347.71					
LINE									
POT	78440.108	2177083.536							

PROJECT REFERENCE NO.

R-5857

SHEET NO.

RW02C-3

Location and Surveys

MCKIM & CREED

4300 EDWARDS MILL RD, SUITE 200
RALEIGH, NC 27612

NORTH CAROLINA
PROFESSIONAL
LAND SURVEYOR
SEAL
L-4234
JEFFREY D. AKER

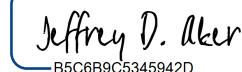
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Jeffrey D. Aker, PLS, certify that the Project Control was 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: January/February, 2019 & January/February, 2025
Datum/Epoch: NAD83(NA2011)
Published/Fixed-control use: N/A
Localized around: NCGS Monument "MULBERRY"
Northing: 87095.267
Easting: 2184832.627
Combined grid factor: 1.0001168884
Geoid model: G12B
Units: USFT

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 1/2/2019 to 2/3/2019, and 1/24/2025 to 2/11/2025, 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 25th day of April, 2025.

Signed by:

BSC68853459420

Jeffrey D. Aker
Professional Land Surveyor L-4234

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.