

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

I, Jeffrey S. Coats, 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: NOV 2017
Datum/Epoch: NAD83/2011
Published/Fixed-control use: N/A
Localized around: NCGS "BREEZE"
Northing: 455401.4875
Easting: 2024426.7025
Combined grid factor: 0.99988000
Geoid model: 12b
Units: US Survey Foot

PROJECT REFERENCE NO.	SHEET NO.
U-4709	RW02C-4
Location and Surveys	
3220 GLEN ROYAL RD. RALEIGH, NC 27617 TEL. (919) 788-0224 FAX (919) 788-0232 CORPORATE LICENSE # P-0189	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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 May 2022 to July 2022, 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 July 2023.

DocuSigned by:

Professional Land Surveyor L-3994

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	445032.603	2011239.926	S 86°37'35.1" E	1567.01					
LINE									
PC	444940.391	2012804.216	S 87°22'32.4" E	308.60	01°29'54.6"(LT)	00°29'08.0"	308.61	154.31	11799.86
CURVE									
PCC	444926.261	2013112.495	N 89°10'18.7" E	137.18	05°24'23.0"(LT)	03°56'22.5"	137.23	68.67	1454.36
CURVE									
PCC	444928.243	2013249.663	N 79°47'47.3" E	329.59	13°20'39.8"(LT)	04°02'22.9"	330.33	165.92	1418.32
CURVE									
PCC	444986.628	2013574.037	N 68°31'26.7" E	240.24	09°12'01.5"(LT)	03°49'31.8"	240.50	120.51	1497.73
CURVE									
PCC	445074.584	2013797.601	N 59°02'07.0" E	230.07	09°46'37.8"(LT)	04°14'40.3"	230.35	115.45	1349.87
CURVE									
PCC	445192.956	2013994.880	N 47°27'53.4" E	343.14	13°21'49.3"(LT)	03°53'08.6"	343.92	172.74	1474.52
CURVE									
PCC	445424.932	2014247.726	N 39°17'20.2" E	191.83	02°59'17.1"(LT)	01°33'27.1"	191.85	95.95	3678.61
CURVE									
PT	445573.398	2014369.196	N 37°47'41.6" E	649.39					
LINE									
POT	446086.555	2014767.169							

EY POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	442722.772	2009730.930	N 45°53'18.5" E	3183.05					
LINE									
PC	444938.355	2012016.315	N 27°27'48.9" E	77.45	42°26'30.3"(LT)	47°37'46.1"	89.11	46.71	120.29
CURVE									
PT	445007.075	2012052.032	N 03°26'48.2" E	450.96					
LINE									
PC	445457.223	2012079.144	N 10°49'16.3" E	164.73	14°44'56.2"(RT)	08°55'42.6"	165.19	83.05	641.72
CURVE									
PCC	445619.027	2012110.072	N 28°43'26.2" E	185.07	21°03'23.7"(RT)	11°18'49.4"	186.12	94.12	506.43
CURVE									
PCC	445781.324	2012199.015	N 41°50'46.6" E	49.86	05°11'17.0"(RT)	10°24'07.2"	49.88	24.95	550.82
CURVE									
PCC	445818.465	2012232.277	N 50°42'52.5" E	124.01	12°32'54.8"(RT)	10°05'54.3"	124.26	62.38	567.37
CURVE									
PT	445896.989	2012328.265	N 56°59'19.9" E	75.40					
LINE									
PC	445938.066	2012391.491	N 53°23'26.5" E	93.70	07°11'46.7"(LT)	07°40'31.4"	93.76	46.94	746.49
CURVE									
PCC	445993.943	2012466.704	N 41°07'10.3" E	126.58	17°20'45.8"(LT)	13°39'06.8"	127.06	64.02	419.69
CURVE									
PCC	446089.297	2012549.943	N 27°09'46.8" E	122.76	10°34'01.1"(LT)	08°35'44.6"	122.93	61.64	666.56
CURVE									
PCC	446198.517	2012605.986	N 16°28'20.3" E	96.26	10°48'52.1"(LT)	11°13'05.8"	96.40	48.34	510.74
CURVE									
PCC	446290.823	2012633.280	N 08°09'33.1" E	76.43	05°48'42.2"(LT)	07°36'03.8"	76.46	38.26	753.79
CURVE									
LINE	446366.476	2012644.126	N 05°15'12.0" E	368.96					
LINE									
PC	446733.886	2012677.908	N 26°54'14.8" E	258.64	43°18'05.6"(RT)	16°20'46.5"	264.90	139.14	350.51
CURVE									
PT	446964.535	2012794.944	N 48°33'17.6" E	382.04					
LINE									
POT	447217.408	2013081.317							

EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	444964.375	2012397.343	S 03°37'13.8" W	125.09					
LINE									
PC	444839.539	2012389.444	S 09°50'24.5" W	108.34	12°26'21.3"(RT)	11°27'33.0"	108.55	54.49	500.00
CURVE									
PT	444732.793	2012370.929	S 16°03'35.1" W	641.93					
LINE									
PC	444115.917	2012193.346	S 38°33'27.3" W	65.12	44°59'44.3"(RT)	67°20'07.8"	66.82	35.24	85.09
CURVE									
PCC	444064.995	2012152.758	S 53°25'42.8" W	89.95	15°15'13.1"(LT)	16°54'28.8"	90.22	45.38	338.87
CURVE									
PT	444011.401	2012080.518	S 45°48'06.3" W	510.74					
LINE									
POT	443655.342	2011714.352							

EY2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	445257.147	2013283.867	S 26°32'39.4" W	122.98					
LINE									
PC	445147.130	2013228.908	S 13°32'03.2" W	184.44	26°01'12.3"(LT)	13°59'11.3"	186.04	94.65	409.65
CURVE									
PT	444967.809	2013185.743	S 00°31'27.1" W	42.11					
LINE									
POT	444925.702	2013185.358							

EY3 POINT	N	E	BEARING	DIST
POT	445199.877	2013547.434	S 12°37'36.9" W	240.61
LINE				
POT	444965.084	2013494.836		

EY3-A POINT	N	E	BEARING	DIST
POT	445329.360	2013839.619	S 75°39'19.3" E	256.12
LINE				
POT	445265.905	2014087.754		

EY4 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	444944.965	2013396.175	S 50°16'14.6" E	66.77	72°30'12.9"(LT)	101°29'22.4"	71.44	41.40	56.45
CURVE									
PT	444902.290	2013447.524	S 86°31'21.1" E	228.77					
LINE									
PC	444888.414	2013675.876	S 85°34'02.3" E	153.25	01°54'37.4"(RT)	01°14'47.5"	153.26	76.64	4596.39
CURVE									
PT	444876.569	2013828.667							

EY6 POINT	N	E	BEARING	DIST
POT	445608.721	2014120.610	S 75°31'51.9" E	237.36
LINE				
POT	445549.416	2014350.438		

EY7 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	445836.643	2014285.470	S 53°11'20.5" E	216.40					
LINE									
PC	445706.982	2014458.722	S 52°27'07.4" E	175.18	01°28'26.1"(RT)	00°50'28.8"	175.19	87.60	6810.04
CURVE									
PT	445600.223	2014597.613	S 51°42'54.4" E	7.55					
LINE									
POT	445595.544	2014603.541							

EY8 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	446013.933	2014444.227	S 52°27'35.3" E	239.77					
LINE									
PC	445867.836	2014634.348	S 51°33'15.4" E	156.87	01°48'40.0"(RT)	01°09'16.0"	156.88	78.45	4963.06
CURVE									
PT	445770.296	2014757.212	S 50°38'55.4" E	20.43					
LINE									
POT	445757.343	2014773.008							

EY9 POINT	N	E	BEARING	DIST
POT	444578.816	2011645.448	S 44°04'34.7" E	220.29
LINE				
POT	444420.554	2011798.687		

EY10 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	445450.501	2011876.281	S 76°16'20.4" E	152.09	25°51'53.6"(LT)	16°51'45.7"	153.39	78.02	339.78
CURVE									
PT	445414.410	2012024.022	S 89°12'17.2" E	52.50					
LINE									
POT	445413.682	2012076.522							

EY11 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	445795.747	2011976.119	S 58°48'01.3" E	97.39	15°01'22.4"(LT)	15°22'52.6"	97.67	49.12	372.50
CURVE									
PT	445745.297	2012059.423	S 66°18'42.4" E	96.95					
LINE									
POT	445706.345	2012148.209							

EY12 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	447230.653	2012636.184	S 57°07'54.3" E	112.59					
LINE									
PC	447169.549	2012730.752	S 59°34'07.0" E	283.11	04°52'25.5"(LT)	01°43'15.6"	283.20	141.68	3329.24
CURVE									
PCC	447026.152	2012974.859	S 65°48'18.2" E	236.93	07°35'56.9"(LT)	03°12'18.2"	237.10	118.72	1787.68
CURVE									
PT	446929.049	2013190.973							

EY12A POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	446266.977	2014513.490	S 55°50'12.7" E	50.84					
LINE									
PC	446238.427	2014555.558	S 54°07'27.8" E</						