

6/2/2023

REVISIONS

I:\8\2024
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USER:NAME

PROPOSED ALIGNMENT CONTROL SHEET

Y12 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							

Y12A 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	239.07	03°25'29.7"(RT)	01°25'56.6"	239.10	119.59	4000.00
CURVE									
PT	446098.327	2014749.273	S 52°24'43.0" E	21.36					
LINE									
POT	446085.300	2014766.195	S 52°24'43.0" E	331.94					
LINE									
POT	445882.824	2015029.230							

Y13 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	446543.220	2012438.206	N 52°18'06.6" E	100.60					
LINE									
PC	446604.739	2012517.807	N 52°56'40.6" E	33.65	01°17'08.0"(RT)	03°49'11.0"	33.66	16.83	1500.00
CURVE									
PT	446625.018	2012544.665	N 53°35'14.5" E	33.72					
LINE									
PC	446645.033	2012571.799	N 73°10'04.9" E	25.47	39°09'40.8"(RT)	150°46'42.1"	25.97	13.52	38.00
CURVE									
PT	446652.408	2012596.178	S 87°15'04.6" E	53.55					
LINE									
POT	446649.840	2012649.671							

SW1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	445509.824	2012127.697	S 02°11'56.2" E	125.16					
LINE									
PC	445384.759	2012132.399	S 00°37'26.0" W	9.85	05°38'44.4"(RT)	57°17'44.8"	9.85	4.93	100.00
CURVE									
PT	445374.910	2012132.292	S 03°26'48.2" W	189.65					
LINE									
PC	445185.605	2012120.890	S 08°00'35.4" W	55.69	09°07'34.3"(RT)	16°22'12.8"	55.75	27.93	350.00
CURVE									
PT	445130.458	2012113.130	S 12°34'22.5" W	31.18					
LINE									
PC	445100.029	2012106.343	S 07°17'53.3" W	27.58	10°32'58.4"(LT)	38°11'49.9"	27.62	13.85	150.00
CURVE									
PT	445072.673	2012102.840	S 02°01'24.1" W	5.91					
LINE									
PC	445066.765	2012102.631	S 45°31'18.8" E	51.65	95°05'25.8"(LT)	163°42'08.0"	58.09	38.26	35.00
CURVE									
PT	445030.579	2012139.482	N 86°55'58.3" E	122.56					
LINE									
PC	445037.137	2012261.868	S 85°45'41.7" E	39.99	14°36'40.1"(RT)	36°26'30.7"	40.09	20.16	157.23
CURVE									
PCC	445034.182	2012301.744	S 82°32'28.4" E	56.99	08°10'13.5"(LT)	14°19'26.2"	57.04	28.57	400.00
CURVE									
PT	445026.784	2012358.254	S 86°37'35.1" E	35.04					
LINE									
PC	445024.721	2012393.236	N 78°01'54.7" E	26.46	30°41'00.3"(LT)	114°35'29.6"	26.78	13.72	50.00
CURVE									
PCC	445030.208	2012419.119	N 78°01'54.7" E	26.46	30°41'00.3"(RT)	114°35'29.6"	26.78	13.72	50.00
CURVE									
PT	445035.694	2012445.001	S 86°37'35.1" E	44.44					
LINE									
PC	445033.079	2012489.364	S 68°11'29.3" E	31.62	36°52'11.6"(RT)	114°35'29.6"	32.18	16.67	50.00
CURVE									
PCC	445021.331	2012518.724	S 68°11'29.3" E	31.62	36°52'11.6"(LT)	114°35'29.6"	32.18	16.67	50.00
CURVE									
PT	445009.583	2012548.083	S 86°37'35.1" E	290.05					
LINE									
PC	445004.472	2012634.782	N 82°35'27.5" E	18.71	21°33'54.7"(LT)	114°35'29.6"	18.82	9.52	50.00
CURVE									
PCC	445006.885	2012653.334	N 82°35'27.5" E	18.71	21°33'54.7"(RT)	114°35'29.6"	18.82	9.52	50.00
CURVE									
PT	445009.297	2012671.886	S 86°37'35.1" E	290.05					
LINE									
PC	444992.229	2012961.438	N 78°56'57.7" E	185.33	28°50'54.3"(LT)	15°24'07.5"	187.30	95.68	372.00
CURVE									
PCC	445027.752	2013143.331	N 35°58'51.7" E	47.78	57°05'17.7"(LT)	114°35'29.6"	49.82	27.20	50.00
CURVE									
PCC	445066.419	2013171.405	N 16°14'25.0" E	95.50	17°36'24.3"(RT)	18°21'50.5"	95.88	48.32	312.00
CURVE									
PT	445158.108	2013198.113	N 25°02'37.2" E	53.64					
LINE									
PC	445206.708	2013220.821	N 20°02'24.8" E	17.44	10°00'24.8"(LT)	57°17'44.8"	17.47	8.75	100.00
CURVE									
PCC	445223.095	2013226.798	N 19°53'12.2" E	16.91	09°41'59.6"(RT)	57°17'44.8"	16.93	8.49	100.00
CURVE									
PT	445238.996	2013232.550	N 24°44'12.0" E	46.07					
LINE									
POT	445280.838	2013251.828							

PROJECT REFERENCE NO.
U-4709

SHEET NO.
RW02D-2

Location and Surveys

CHENGINEERING

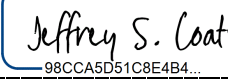
3220 GLEN ROYAL RD. RALEIGH, NC 27617
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CORPORATE LICENSE # P-0189

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Jeffrey S. Coats, PLS, certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

This 10th day of July, 2023.
DocuSigned by:

88CCASD51CB4E44
Professional Land Surveyor L-3994

NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- RIGHT OF WAY MONUMENTATION ESTABLISHED MAY 2022 TO JULY 2022.