

PROPOSED ALIGNMENT CONTROL SHEET

Y21		N	E	BEARING	DIST	DELTA	D	L	T	R
STATION	POINT									
10+00.00	POT	851705.765	1706118.685							
	LINE			S 88°37'20.7" E	180.69					
11+80.69	PC	851701.421	1706299.319	N 81°42'19.6" E	100.81	19°20'39.3(LT)	19°05'54.9"	101.29	51.13	300.00
12+81.97	CURVE	851715.964	1706399.070							
	PT			N 72°02'00.0" E	17.59					
12+99.57	LINE									
	POT	851721.390	1706415.805							

Y23		N	E	BEARING	DIST	DELTA	D	L	T	R
STATION	POINT									
10+00.00	POT	852268.603	1706060.893							
	LINE			N 66°24'01.8" E	52.84					
10+52.84	PC	852289.758	1706109.317	N 80°19'35.9" E	361.01	27°51'08.3(RT)	07°38'22.0"	364.59	185.97	750.00
14+17.43	CURVE	852350.419	1706465.190							
	PT			S 85°44'49.9" E	160.31					
15+77.74	LINE									
	POT	852338.530	1706625.062							

Y24		N	E	BEARING	DIST	DELTA	D	L	T	R
STATION	POINT									
10+00.00	PC	852686.507	1705548.268							
	CURVE			N 75°10'05.6" E	53.51	44°56'32.2(RT)	81°51'04.0"	54.91	28.95	70.00
10+54.91	PCC	852700.205	1705599.995	S 01°51'34.3" E	69.97	01°00'08.1(RT)	01°25'56.6"	69.97	34.99	4000.00
11+24.88	CURVE	852690.297	1705669.260							
	PT			S 81°21'30.3" E	56.70					
11+81.58	LINE									
	PC	852681.778	1705725.315	S 88°52'06.8" E	130.70	15°01'13.0(LT)	11°27'33.0"	131.08	65.92	500.00
13+12.65	CURVE	852679.197	1705855.991							
	PT			N 83°37'16.7" E	7.55					
13+20.20	LINE									
	POT	852680.036	1705863.492							

Y26		N	E	BEARING	DIST	DELTA	D	L	T	R
STATION	POINT									
10+00.00	POT	843169.394	1702343.828							
	LINE			N 34°59'06.7" E	29.78					
10+29.78	PC	843193.793	1702360.903	N 04°42'59.2" E	226.83	60°32'15.2(LT)	25°27'53.2"	237.73	131.31	225.00
12+67.51	CURVE	843419.850	1702379.553							
	PT			N 25°33'08.4" W	29.61					
12+97.12	LINE	843446.563	1702366.782	N 18°58'10.7" E	223.54	13°09'55.5(RT)	05°52'35.4"	224.04	112.51	975.00
15+21.16	CURVE	843657.966	1702294.116							
	PCC			N 16°44'03.2" E	243.33	58°14'32.2(RT)	22°55'05.9"	254.13	139.27	250.00
17+75.29	CURVE	843890.990	1702364.178							
	PT			N 45°51'19.3" E	124.72					
19+00.00	LINE									
	POT	843977.852	1702453.673							

Y27		N	E	BEARING	DIST	DELTA	D	L	T	R
STATION	POINT									
10+00.00	PC	852751.232	1704735.873							
	CURVE			S 89°51'32.0" E	360.45	10°20'24.8(RT)	02°51'53.2"	360.94	180.96	2000.00
13+60.94	PCC	852750.344	1705096.324	N 87°34'36.6" E	130.54	15°28'07.7(LT)	11°48'48.8"	130.94	65.87	485.00
14+91.88	CURVE	852755.864	1705226.751							
	PT			N 79°50'32.7" E	76.96					
15+68.85	LINE									
	POT	852769.437	1705302.510							

Y29		N	E	BEARING	DIST	DELTA	D	L	T	R
STATION	POINT									
10+00.00	POT	853664.010	1704153.283							
	LINE			S 66°09'50.9" E	373.42					
13+73.42	PC	853513.104	1704494.852	S 68°07'09.7" E	116.00	03°54'37.6(LT)	03°22'13.2"	116.03	58.04	1700.00
14+89.44	CURVE	853469.873	1704602.499							
	PT			S 70°04'28.5" E	326.94					
18+16.38	LINE	853358.454	1704909.863	S 44°27'51.6" E	419.28	51°13'13.7(RT)	11°48'48.8"	433.57	232.48	485.00
22+49.95	PC	853059.220	1705203.554							
	CURVE			S 18°51'14.8" E	538.86					
27+88.81	PT	852549.274	1705377.691	S 63°24'37.4" E	680.56	89°06'45.3(LT)	11°48'48.8"	754.32	477.55	485.00
35+43.14	LINE	852244.657	1705986.273							
	PCC			N 72°02'00.0" E	78.30					
36+21.44	CURVE	852268.811	1706060.759							
	PT									

Y30		N	E	BEARING	DIST	DELTA	D	L	T	R
STATION	POINT									
10+00.00	POT	841923.672	1700941.944							
	LINE			S 77°56'12.8" E	196.61					
11+96.61	PC	841882.583	1701134.214	S 80°45'03.2" E	54.00	05°37'40.8(LT)	10°25'02.7"	54.02	27.03	550.00
12+50.64	CURVE	841873.903	1701187.515							
	PT									

Y31		N	E	BEARING	DIST
STATION	POINT				
10+00.00	POT	842724.341	1701541.280		
	LINE			S 55°07'29.0" E	232.13
12+32.13	POT	842591.609	1701731.721		

PROJECT REFERENCE NO.

U-4758

SHEET NO.

RW02D-4

Location and Surveys

 **Stantec**

ONE WEST FOURTH ST., SUITE 820
WINSTON SALEM, N.C. 27101
LICENSE NO.: F-0672
www.stantec.com

PROJECT SURVEYOR



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I, Clinton B. Osborne, 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 2nd day of September, 2024.

DocuSigned by:

CLINTON B. OSBORNE

Professional Land Surveyor L-3834

NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE PROPOSED ALIGNMENT 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.