PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-5536	RW02D-1

Location and Surveys

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-3877 LAND SURVEYOR MICHAEL L. MOTSINGER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Michael L. Motsinger, 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 7th day of November, 2024.

DocuSigned by:
FDB6FE70E23C40E...

Professional Land Surveyor L-3877

NORTH CAROLINA PROFESSIONAL SEAL L-3877 LAND SURVEYOR MICHAEL L. MOTSINGER

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POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	856570.734	1577679.752							
LINE			N 62°27'35.1" E	403.42					
PC	856757.263	1578037.457							
CURVE			N 81°24'10.3" E	346.05	37°53'10.4"(RT)	10°44'58.8"	352.44	182.93	533.00
PT	856808.993	1578379.624							
LINE			S 79°39'14.5" E	79.94					
PC	856794.637	1578458.260							
CURVE			N 88°00'57.9" E	227.63	24°39'35.2"(LT)	10°44'58.8"	229.40	116.50	533.00
PT	856802.518	1578685.757							
LINE			N 75°41'10.3" E	572.02					
PC	856943.940	1579240.020							
CURVE			N 69°50'35.2" E	278.94	11°41'10.3"(LT)	04°10'55.8"	279.43	140.20	1370.00
PT	857040.062	1579501.880							
LINE			N 64°00'00.0" E	1715.91					
PC	857792.268	1581044.131							
CURVE			N 56°18'41.9" E	366.57	15°22'36.2"(LT)	04°10'55.8"	367.67	184.95	1370.00
PT	857995.595	1581349.142							
LINE			N 48°37'23.8" E	641.97					
PC	858419.941	1581830.863							
CURVE			N 59°19'20.3" E	197.90	21°23'53.0"(RT)	10°44'58.8"	199.06	100.70	533.00
PT	858520.913	1582001.069							
LINE			N 70°01'16.9" E	198.61					
PC	858588.770	1582187.723							
CURVE			S 80°39'45.0" E	521.94	58°37'56.4"(RT)	10°44'58.8"	545.43	299.30	533.00
PCC	858504.085	1582702.751							
CURVE			S 63°30'40.4" E	224.63	24°19'47.3"(LT)	10°44'58.8"	226.33	114.90	533.00
PT	858403.893	1582903.803							
LINE			S 75°40'34.0" E	216.34					
PC	858350.369	1583113.422							
CURVE			N 89°13'42.1" E	390.64	30°11'27.7"(LT)	07°38'22.0"	395.20	202.30	750.00
PT	858355.630	1583504.030							
LINE			N 74°07'58.2" E	238.01					
POT	858420.705	1583732.975							

Y1A

POINT	N	E	BEARING	DIST
POT	857111.817	1580344.139		
LINE			N 62°19'43.0" E	644.06
POT	857410.920	1580914.538		

Y1B

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	858258.954	1582048.224							
CURVE			N 84°42'53.6" E	106.22	34°19'16.4"(LT)	31°49'51.6"	107.82	55.58	180.00
PT	858268.738	1582153.991							
LINE			N 67°33'15.4" E	242.56					
PC	858361.350	1582378.178							
CURVE			N 72°25'05.8" E	90.39	09°43'40.9"(RT)	10°44'58.8"	90.50	45.36	533.00
PCC	858388.653	1582464.343							
CURVE			N 63°01'51.8" E	262.42	28°30'08.8"(LT)	10°44'58.8"	265.15	135.38	533.00
PT	858507.663	1582698.227							

Y2

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	856712.222	1577951.088							
LINE			N 38°06'37.6" W	102.94					
PC	856793.215	1577887.557							
CURVE			N 29°06'26.8" W	140.84	18°00'21.5"(RT)	12°43'56.6"	141.42	71.30	450.00
PCC	856916.266	1577819.047							
CURVE			N 19°58'46.3" W	13.52	00°14'59.4"(RT)	01°50'53.7"	13.52	6.76	3100.00
PT	856928.971	1577814.428							
LINE			N 19°51'16.6" W	334.03					
POT	857243.144	1577700.981							

Y3

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	856127.479	1578215.460							
LINE			N 29°13'44.8" W	390.32					
PC	856468.098	1578024.867							
CURVE			N 28°42'45.4" W	55.89	01°01'58.7"(RT)	01°50'53.7"	55.89	27.95	3100.00
PCC	856517.115	1577998.017							
CURVE			N 16°28'03.3" W	182.95	23°27'25.6"(RT)	12°43'56.6"	184.23	93.42	450.00
PT	856692.558	1577946.156							
LINE			N 04°44'20.5" W	16.44					
POT	856708.939	1577944.798							

Y4

POINT	N	E	BEARING	DIST
POT	856600.370	1579376.883		
LINE			N 26°54'02.0" W	375.77
POT	856935.481	1579206.868		

Y5

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	857028.263	1580821.873							
CURVE			N 33°40'56.4" W	169.79	06°29'20.3"(RT)	03°49'11.0"	169.88	85.03	1500.00
PT	857169.549	1580727.710							
LINE			N 30°26'16.2" W	80.36					
POT	857238.837	1580686.997							
LINE			N 31°25'00.8" W	94.00					
POT	857319.055	1580637.999							
LINE			N 31°43'54.8" W	248.53					
POT	857530.432	1580507.288							

Y6

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	857508.054	1581101.510							
LINE			N 27°19'32.2" W	413.44					
PC	857875.360	1580911.721							
CURVE			N 24°48'21.7" W	175.84	05°02'21.0"(RT)	02°51'53.2"	175.90	88.01	2000.00
PT	858034.979	1580837.947							

Y7

POINT	N	E	BEARING	DIST
POT	857940.498	1581754.693		
LINE			N 41°41'47.1" W	309.42
POT	858171.536	1581548.871		

Y8

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	857987.681	1581806.886							
LINE			N 47°53'08.6" E	212.35					
PC	858130.084	1581964.407							
CURVE			N 16°22'26.1" E	313.60	63°01'24.9"(LT)	19°05'54.9"	329.99	183.93	300.00
PT	858430.969	1582052.813							
LINE			N 15°08'16.4" W	499.04					
PC	858912.694	1581922.492							
CURVE			N 11°55'16.4" E	545.89	54°07'05.5"(RT)	09°32'57.5"	566.72	306.50	600.00
PT	859446.812	1582035.255							

Y9

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	856841.489	1579828.615							
LINE			N 27°11'36.1" W	376.50					
PC	857176.377	1579656.555							
CURVE			N 08°49'44.9" W	94.52	36°43'42.3"(RT)	38°11'49.9"	96.15	49.79	150.00
PT	857269.773	1579642.048							
LINE			N 09°32'06.2" E	44.54					
POT	857313.698	1579649.426							

Y10

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	857075.772	1580275.399							
LINE			N 36°06'39.6" W	275.06					
PC	857297.983	1580113.295							
CURVE			N 31°09'03.1" W	69.17	09°55'13.1"(RT)	14°19'26.2"	69.26	34.72	400.00
PT	857357.179	1580077.513							
LINE			N 26°11'26.5" W	255.51					
POT	857586.459	1579964.740							

RABT1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	856677.460	1577982.181							
CURVE			S 46°21'57.1" W	0.01	359°59'20.3"(LT)	110°11'03.1"	326.72	0.00	52.00
PT	856677.453	1577982.174							

RABT2

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	857571.884	1580475.832							
CURVE			N 52°51'54.2" E	0.01	359°59'20.3"(LT)	110°11'03.1"	326.72	0.00	52.00
PT	857571.890	1580475.900							

RABT3

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	857268.700	1580708.558							
CURVE			S 12°45'56.7" W	0.01	359°59'16.1"(LT)	121°54'21.3"	295.30	0.01	47.00
PT	857268.691	1580708.556							

RABT4

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	858500.239	1582068.440							
CURVE			S 34°44'39.9" W	0.01	359°59'20.3"(LT)	110°11'03.1"	326.72	0.00	52.00
PT	858500.231	1582068.434							

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

2. 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.

REVISIONS

6/2/99

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