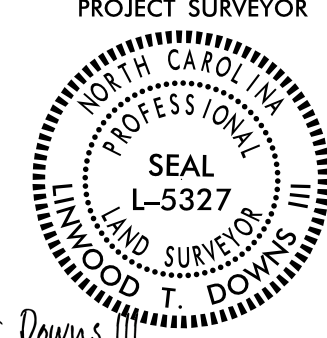


# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5809A	RW02C-13
<b>Location and Surveys</b>	
<b>Location &amp; Surveys</b> Division 1 1300 US HWY 64 West Plymouth, NC 27962	
PROJECT SURVEYOR  DocuSigned by: Linwood T. Downs III SEAL L-5327 NORTH CAROLINA PROFESSIONAL SURVEYOR LINWOOD T. DOWNS III	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	803332.102	2668160.804											
LINE			N 12°01'00.1" W	9928.76									
TS	813043.294	2666093.670											
SPIRAL			N 13°01'00.0" W	299.96						03°00'00.0"(LT)	300.00	200.03	100.03
SC	813335.550	2666026.108											
CURVE			N 33°12'28.4" W	1788.71	36°22'56.6"(LT)	02°00'00.0"	1819.12	941.41	2864.79				
CS	814832.145	2665046.469											
SPIRAL			N 53°23'56.8" W	299.96						03°00'00.0"(LT)	300.00	200.03	100.03
ST	815010.995	2664805.656											
LINE			N 54°23'56.7" W	1588.38									
TS	815935.650	2663514.155											
SPIRAL			N 53°43'56.7" W	199.99						02°00'00.0"(RT)	200.00	133.34	66.67
SC	816053.955	2663352.911											
CURVE			N 39°35'20.6" W	1270.36	25°37'12.1"(RT)	02°00'00.0"	1281.00	651.39	2864.79				
CS	817032.936	2662543.342											
SPIRAL			N 25°26'44.6" W	199.99						02°00'00.0"(RT)	200.00	133.34	66.67
ST	817213.525	2662457.416											
LINE			N 24°46'44.6" W	5856.69									
TS	822530.995	2660002.759											
SPIRAL			N 24°26'44.6" W	200.00						01°00'00.0"(RT)	200.00	133.34	66.67
SC	822713.063	2659919.993											
CURVE			N 20°52'52.8" W	579.30	05°47'43.7"(RT)	01°00'00.0"	579.55	290.02	5729.58				
CS	823254.315	2659713.512											
SPIRAL			N 17°19'00.9" W	200.00						01°00'00.0"(RT)	200.00	133.34	66.67
ST	823445.247	2659653.981											
LINE			N 16°59'00.9" W	16019.52									
POT	838766.126	2654974.716											

EY POINT	N	E	BEARING	DIST
POT	803684.286	2667698.895		
LINE			S 89°59'56.2" E	386.94
POT	803684.279	2668085.839		

EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	808033.133	2667043.712							
LINE			S 21°12'14.9" E	329.29					
PC	807726.135	2667162.814							
CURVE			S 56°57'12.7" E	44.37	71°29'55.7"(LT)	150°54'09.7"	47.38	27.33	37.97
PT	807701.942	2667200.003							
LINE			S 88°33'24.6" E	30.81					
POT	807701.166	2667230.801							

EY2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	811343.103	2666455.574							
LINE			N 73°05'13.5" E	27.21					
PC	811351.019	2666481.608							
CURVE			N 38°08'05.1" E	49.30	69°54'16.8"(LT)	133°09'24.8"	52.50	30.08	43.03
PT	811389.798	2666512.053							
LINE			N 01°10'09.5" E	318.37					
POT	811708.104	2666518.550							

EY3 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	812996.976	2666103.529							
LINE			N 88°13'54.0" E	35.97					
PC	812998.086	2666139.485							
CURVE			S 57°42'10.5" E	49.80	68°07'50.8"(RT)	128°53'06.8"	52.86	30.06	44.45
PT	812971.477	2666181.582							
LINE			S 24°27'31.4" E	298.33					
POT	812699.921	2666305.101							

EY4 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	813903.664	2665806.682							
LINE			N 71°37'14.3" E	18.76					
PC	813909.579	2665824.486							
CURVE			N 73°58'07.6" E	260.94	04°41'46.7"(RT)	01°47'57.4"	261.01	130.58	3184.36
PT	813981.640	2666075.275							
LINE			N 76°05'10.6" E	78.62					
POT	814000.545	2666151.590							

EY5 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	815395.235	2663680.394							
LINE			N 15°15'38.6" W	18.20					
PC	815412.795	2663675.603							
CURVE			N 02°42'30.3" E	205.59	35°56'17.7"(RT)	17°11'43.2"	209.00	108.07	333.21
PCC	815618.156	2663685.318							
CURVE			N 27°13'16.1" E	77.41	13°05'13.9"(RT)	16°52'11.0"	77.58	38.96	339.64
PT	815686.992	2663720.727							
LINE			N 33°45'53.0" E	81.97					
POT	815755.137	2663766.285							

### 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.

REVISIONS

26-OCT-2023 09:23  
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tdowns AT LS-330213L

I, Linwood T. Downs III, 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: May 2021  
Datum/Epoch: NAD 83/NA 2011  
Published/Fixed-control use: N/A  
Localized around: Centroid 1  
Northing: 814,558.4117  
Easting: 2,664,159.1394  
Combined grid factor: 0.999954899  
Geoid model: GEIOD 12B  
Units: US Survey Foot

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 3, 2023 to May 31, 2023, 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 23rd day of October, 2023.

DocuSigned by:  
Linwood T. Downs III  
Professional Land Surveyor L-5327

