SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5021	RW02C-7

Location and Surveys

LOCATION & SURVEYS
DIVISION 3
5310 BARBADOS BLVD. #102
CASTLE HAYNE, NC 28429
(910) 341-2280

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4526 LAND SURVEYOR CHRISTOPHER J. SAWYER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	83317.187	2258805.945							
LINE			S 74°31'00.0" E	4255.93					
POT	82181.031	2262907.423							
LINE			S 74°17'49.6" E	764.79					
POT	81974.041	2263643.673							
LINE			S 74°17'49.6" E	670.07					
POT	81792.686	2264288.738							
LINE			S 74°30'32.0" E	19661.05					
POT	76541.437	2283235.542							
LINE			S 74°33'17.9" E	3762.27					
POT	75539.493	2286861.942							
LINE			S 74°30'54.8" E	2035.60					
POT	74996.023	2288823.657							
LINE			S 74°30'54.8" E	1071.97					
POT	74709.825	2289856.720							
LINE			S 74°43'04.1" E	795.15					
PC	74500.244	2290623.755							
CURVE			S 68°17'38.2" E	1602.81	12°30'23.6"(RT)	00°46'43.5"	1606.00	806.20	7357.50
PCC	73907.452	2292112.919							
CURVE			S 62°01'53.2" E	1.14	00°01'06.4"(RT)	01°36'43.5"	1.14	0.57	3554.17
PCC	73906.915	2292113.930							
CURVE			S 59°05'19.7" E	703.68	05°51'59.7"(RT)	00°50'00.0"	703.99	352.30	6875.50
PC	73545.428	2292717.663							
CURVE			S 55°00'34.8" E	274.99	02°17'30.3"(RT)	00°50'00.0"	275.01	137.52	6875.50
PT	73387.736	2292942.951							
LINE			S 54°36'12.5" E	0.15					
PC	73387.650	2292943.073							
CURVE			S 45°37'50.0" E	1969.21	16°28'00.0"(RT)	00°50'00.0"	1976.00	994.86	6875.50
PT	72010.617	2294350.753							
LINE			S 37°23'49.8" E	338.59					
PC	71741.630	2294556.388							
CURVE			S 29°24'45.9" E	916.77	15°58'08.2"(RT)	01°44'10.4"	919.75	462.87	3300.00
PT	70943.026	2295006.613							
LINE			S 21°25'41.8" E	831.37					
POT	70169.126	2295310.341							
LINE			S 21°25'41.8" E	2001.87					
POT	68305.631	2296041.698							

I, CHRISTOPHER J. SAWYER, PLS, certify that the Project Control was [performed/verified] 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: NC-VRS-RTN
Dates of survey: NOVEMEBER 2009 TO SEPTEMBER 2021
Datum/Epoch:NAD 83/NSRS 2007
Published/Fixed-control use: [Project_Control_N/A_for_RTN]
Localized around: SOUTHPORT EAST BASE RESET 1981
Northing:74895.9850
Easting:2288816.3700
Combined grid factor:1.00012636797
Geoid model:G09NC
Units:US SURVEY FEET

I also certify that the Baseline Control for this project was not 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 NOVEMBER 2009 to SEPTEMBER 2021 , and all coordinates are based on NAD 83/2007 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 24TH day of SEPTEMBER, 2021.

DocuSigned by:
9F00C8D21021457...

Professional Land Surveyor L-4526

EY

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
TS	84570.412	2263356.924											
SPIRAL			S 42°27'20.4" E	249.36						13°45'00.0"(RT)	250.00	167.17	83.79
SC	84386.433	2263525.248											
CURVE			S 22°24'06.7" E	196.72	21°46'11.3"(RT)	11°00'00.0"	197.91	100.16	520.87				
CS	84204.560	2263600.217											
SPIRAL			S 04°10'56.9" E	199.67						11°00'00.0"(RT)	200.00	133.59	66.90
ST	84005.419	2263614.780											
LINE			S 00°31'01.0" E	249.19									
PC	83756.240	2263617.028											
CURVE			S 00°54'15.5" E	154.94	00°46'29.0"(LT)	00°30'00.0"	154.94	77.47	11459.16				
PT	83601.317	2263619.474											
LINE			S 01°17'30.0" E	887.23									
PC	82714.310	2263639.474											
CURVE			S 01°13'34.4" E	52.36	00°07'51.3"(RT)	00°15'00.0"	52.36	26.18	22918.31				
PT	82661.960	2263640.594											
LINE			S 01°09'38.7" E	616.35									
PC	82045.739	2263653.080											
CURVE			S 04°57'35.3" W	42.65	12°14'28.1"(RT)	28°38'52.4"	42.73	21.45	200.00				
PT	82003.250	2263649.393											
LINE			S 11°04'49.3" W	29.76									
POT	81974.041	2263643.673											
LINE			S 11°04'49.3" W	26.64									
PC	81947.897	2263638.553											
CURVE			S 19°01'40.5" W	497.76	15°53'42.3"(RT)	03°10'59.2"	499.36	251.29	1800.00				
PT	81477.336	2263476.269											
LINE			S 26°58'31.7" W	285.58									
PC	81222.830	2263346.729											
CURVE			S 18°08'38.2" W	675.53	17°39'46.9"(LT)	02°36'15.7"	678.21	341.82	2200.00				
PT	80580.889	2263136.365											
LINE			S 09°18'44.7" W	484.98									
PC	80102.296	2263057.886											
CURVE			S 15°23'36.3" W	614.42	12°09'43.1"(RT)	01°58'32.6"	615.57	308.95	2900.00				
PT	79509.920	2262894.792											
LINE			S 21°28'27.8" W	1789.70									
PC	77844.454	2262239.607											

EY12

POINT	N	E	BEARING	DIST
POT	80191.969	2270064.217		
LINE			S 15°29'28.0" W	200.00
POT	79999.234	2270010.799		

EY13

POINT	N	E	BEARING	DIST
POT	79991.169	2270788.715		
LINE			S 15°29'28.0" W	200.00
POT	79798.434	2270735.298		

EY3

POINT	N	E	BEARING	DIST
POT	78833.362	2276538.047		
LINE			S 15°29'28.0" W	419.84
POT	78428.777	2276425.913		
LINE			S 15°29'28.0" W	504.91
POT	77942.209	2276291.057		

EY7

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	77208.783	2280827.720							
LINE			S 15°28'14.0" W	387.64					
PC	76835.190	2280724.320							
CURVE			S 00°09'44.0" E	215.58	31°15'57.8"(LT)	14°19'26.2"	218.28	111.93	400.00
PT	76619.611	2280724.931							
LINE			S 15°47'42.0" E	578.95					
POT	76062.521	2280882.519							

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

6/2/99

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