SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5021	RW02C-5

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

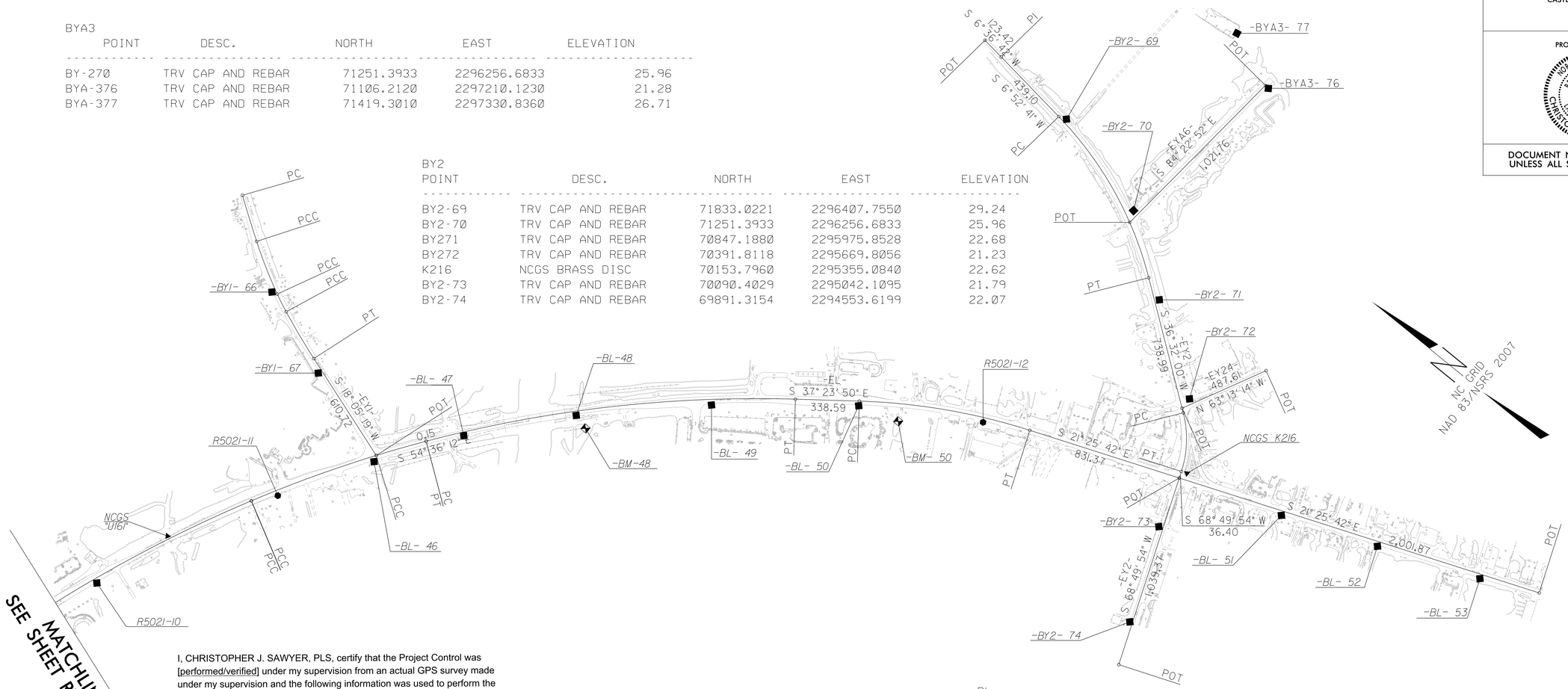
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

BYA3

POINT	DESC.	NORTH	EAST	ELEVATION
BY-270	TRV CAP AND REBAR	71251.3933	2296256.6833	25.96
BYA-376	TRV CAP AND REBAR	71106.2120	2297210.1230	21.28
BYA-377	TRV CAP AND REBAR	71419.3010	2297330.8360	26.71

BY2

POINT	DESC.	NORTH	EAST	ELEVATION
BY2-69	TRV CAP AND REBAR	71833.0221	2296407.7550	29.24
BY2-70	TRV CAP AND REBAR	71251.3933	2296256.6833	25.96
BY271	TRV CAP AND REBAR	70847.1880	2295975.8528	22.68
BY272	TRV CAP AND REBAR	70391.8118	2295669.8056	21.23
K216	NCGS BRASS DISC	70153.7960	2295355.0840	22.62
BY2-73	TRV CAP AND REBAR	70090.4029	2295042.1095	21.79
BY2-74	TRV CAP AND REBAR	69891.3154	2294553.6199	22.07



MATCHLINE SEE SHEET RW02C-4

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:
9700CB2E1D21467...

Professional Land Surveyor L-4526

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****************************************
BM48       ELEVATION = 29.77
N 72776      E 2293529
BM48_17"PINE
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****************************************
BM50       ELEVATION = 28.96
N 71514      E 2294603
BM50_12"SWEET GUM
****************************************
****************************************
U161       ELEVATION = 11.27
N 74134      E 2291688
NCGS MON
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BL

POINT	DESC.	NORTH	EAST	ELEVATION
R5021-10	GPS CAP AND REBAR	74267.0880	2291258.6230	18.37
R5021-11	GPS CAP AND REBAR	73815.6320	2292223.2340	17.78
BL-46	TRV CAP AND REBAR	73533.5740	2292684.5431	26.05
BL-47	TRV CAP AND REBAR	73251.5491	2293091.3345	29.16
BL-48	TRV CAP AND REBAR	72857.2590	2293550.7823	28.58
BL-49	TRV CAP AND REBAR	72335.9559	2294045.9146	28.98
BL-50	TRV CAP AND REBAR	71728.4464	2294535.1739	30.43
R5021-12	GPS CAP AND REBAR	71161.9620	2294883.1740	24.32
K-216	NCGS BRASS DISC	70153.7960	2295355.0840	22.62
BL-51	TRV CAP AND REBAR	69624.3556	2295498.2388	21.87
BL-52	TRV CAP AND REBAR	69126.1931	2295692.5288	21.66
BL-53	TRV CAP AND REBAR	68596.9530	2295902.2126	21.47

BY1

POINT	DESC.	NORTH	EAST	ELEVATION
BY1-66	TRV CAP AND REBAR	74520.4913	2293040.3405	25.89
BY1-67	TRV CAP AND REBAR	74059.0345	2292862.2664	25.50

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.

6/2/99

REVISIONS

27-SEP-2021 21
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