



Survey Report Notes

Survey Title: 2017 Town of Duck Beach Profile Survey Report

Prepared Date: April 2018

Prepared For: Town of Duck, NC

Prepared By: APTIM Coastal Planning & Engineering of North Carolina, Inc.

Dates of Survey: November 30, 2017 through December 05, 2017

Survey Location: Town of Duck PI-17 through D-34

Notes:

1. The survey is neither valid nor complete without both the survey report and described survey maps. Digital data files encompassing the following have also been provided in the following formats listed.
 - *Monument Information Report (Appendix 1)*
 - *ASCII file (profile xyz data. Digital only) (Appendix 2)*
 - *Profile Plots (Appendix 3)*
 - *Ground Digital Photography (Appendix 4)*
 - *Project field books (Digital Only)(Appendix 5)*
2. The information on this map represents the results of the survey on the dates indicated and can only be considered as indicating the general conditions existing at the time.
3. The coordinates shown are in US survey feet based on the vertical and horizontal data that was collected and presented relative to the North American Vertical Datum of 1988 (NAVD88) and the North Carolina State Plane Coordinate System, North American Datum of 1983/2011 (NAD 83/2011) zone 3200.
4. Vertical measurements are based on second order monuments CAFFEY, ARCH, C255, TIDAL C, TIDAL D, KITTY per published NGS coordinates.



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5. Bearings are based on a bearing of South 24° 27' 33" East between NGS second order monuments CAFFEY and ARCH per published NGS coordinates.
6. Underground and subaqueous improvements and/or utilities were not located as part of this survey and should be field verified prior to any dredging or construction activities.
7. Refer to APTIM field book No. 489 and "Swims" for the onshore portion and book No. 50 for the offshore portion.
8. Aids to navigation were not located during this survey.
9. Soundings were collected using an Odom Hydrotrac, Single Frequency, survey grade sounder. The sounder was calibrated prior to the start of the survey following manufacturers recommended procedures.
10. This survey was conducted for the Town of Duck for use as a topographic and hydrographic survey.