

# SPECIAL FLOOD HAZARD AREA/COASTAL HIGH HAZARD AREA

## PIER/ DOCK ANALYSIS CERTIFICATION

This Pier/ Dock Analysis Certification form may or may not be accepted by the governing agency responsible for floodplain management. This is to be completed and sealed by a licensed North Carolina Engineer qualified to complete the necessary analysis for construction of a dock/ pier in a coastal high hazard area (V-Zone) and/or Coastal A Zone. This form does not replace the V-Zone Certificate or Elevation Certificate for structures located in the coastal high hazard area (V-Zone) and/ or Coastal A Zone and is not to be used for structures other than docks and/or piers. This form also does not replace any other authorizations from any State or Federal agencies. The dock/ pier must comply with all dock/ pier requirements in the current North Carolina Building Code.

### SECTION 1-PROPERTY INFORMATION

Property Owner: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Parcel ID#: \_\_\_\_\_ Longitude: \_\_\_\_\_ Latitude: \_\_\_\_\_

### SECTION 2-FLOOD INSURANCE RATE MAP INFORMATION (FIRM)

Community Name: \_\_\_\_\_ Community ID #: \_\_\_\_\_

County Name: \_\_\_\_\_ State: \_\_\_\_\_

Map/ Panel #: \_\_\_\_\_ Suffix: \_\_\_\_\_ FIRM Index Date: \_\_\_\_\_ FIRM Panel Effective/Revised Date: \_\_\_\_\_

Flood Zone:  AE Zone (Non-Floodway)  Coastal A Zone  VE Zone

**\*\*(All development in an AE Floodway requires a No-Rise Study and cannot utilize this form in lieu of the completion of the required study)\*\***

Base Flood Elevation (NAVD1988): \_\_\_\_\_ Community Design Flood Elevation (RFPE) (NAVD1988): \_\_\_\_\_

### SECTION 3-CONSTRUCTION INFORMATION

Construction of (Mark all that apply):  Fixed Dock  Floating Dock  Pier

North Carolina Pier/Dock Exemption Form: Completed-  Yes  No Building Department Approved-  Yes  No

Piling Construction:  Wood  Concrete Embedment Depth: \_\_\_\_\_

Pier Width: \_\_\_\_\_ Length: \_\_\_\_\_ Decking Designed to Breakaway:  Yes  No

Fixed Dock Width: \_\_\_\_\_ Length: \_\_\_\_\_ Decking Designed to Breakaway:  Yes  No

Covered:  Yes  No Covered Square Footage: \_\_\_\_\_

Floating Dock Width: \_\_\_\_\_ Length: \_\_\_\_\_ Decking Designed to Breakaway:  Yes  No

Covered:  Yes  No Covered Square Footage: \_\_\_\_\_

Construction plans/drawings are required to be submitted in Section 4

**SECTION 4-CONSTRUCTION PLANS/DRAWINGS**

(INSERT PLANS IN THIS SECTION)

**SECTION 5-PROPOSED SITE PLAN**

(INSERT A SITE PLAN OF THE PROJECT INCLUDING DISTANCES FROM ADJACENT PROPERTY, SIZE OF PROJECT AND WATERCOURSE EFFECTED)

**SECTION 6-ENGINEERS CERTIFICATION**

I, \_\_\_\_\_, certify that I have developed or reviewed the design plans for the pier/ fixed dock/ floating dock to be constructed under the above referenced project and that the design and methods for construction specified to be used are in accordance with accepted standards for construction in a coastal high hazard area (V-Zone) and/ or Coastal A Zone as referenced in FEMA Technical Bulletin 5 (Free-Of-Obstruction-Requirements) and the Community Flood Damage Prevention Ordinance.

I, \_\_\_\_\_, certify the pier/ fixed dock/ floating dock as designed will not cause any harmful diversion of floodwaters, wave run-up, and wave deflection that would increase the risk of damage to adjacent buildings or structures.

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Certifiers Name: \_\_\_\_\_ License #: \_\_\_\_\_

Title: \_\_\_\_\_ Phone : \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Date Completed: \_\_\_\_\_

\_\_\_\_\_  
Signature



**SECTION 7-COMMUNITY APPROVAL/ INFORMATION**

(This section is to be completed by the community official who is duly authorized by law or ordinance to administer the community floodplain management ordinance)

Project:  APPROVED  DENIED

Permit #: \_\_\_\_\_ Date Issued: \_\_\_\_\_

Local Officials Name: \_\_\_\_\_ Title: \_\_\_\_\_

Community Name: \_\_\_\_\_ Community ID#: \_\_\_\_\_

Telephone #: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: