

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: