



This Certification is to be completed by the project design architect or engineer.

Project Name: _____

Building Address or Parcel #: _____

Occupancy Classification: _____ Construction Type: _____

CERTIFICATION STATEMENT:

I certify that, to the best of my knowledge and belief, these plans and specifications have been designed to comply with the applicable structural portion of the building codes currently adopted and enforced by the City of Orange Beach. I also certify that structural elements depicted on these plans provide adequate resistance to the wind loads and forces specified by current code provisions.

DESIGN PARAMETERS AND ASSUMPTIONS USED: *(please check or complete the appropriate fields)*

• Building Code Edition: (year) _____ WFCM ASCE 7-22 ICC 600 AISI S230-19

• Building Design: (check one) Enclosed Partially Enclosed Open Building

• Mean Roof Height: _____ Feet

• Roof Angle: _____ Degrees

• Wind Speed Used in Design: _____ MPH *(Ultimate Design Speed)*

• Wind Exposure Classification: *(Refer to Exposure Tables in ASCE 7-22)* _____

• Wind Velocity Pressure: _____ PSF

• Components and Cladding: _____ PSF

• Wind Velocity Pressure on Exterior Faces of Structure: Minimum: _____ PSF
Peak: _____ PSF

• Design Loads: Floor: _____ PSF
Roof/Dead: _____ PSF
Roof/Live: _____ PSF

• Were Shear Walls Considered for Structure? (check one) Yes No *(If No, attach explanation)*

• Is a Continuous Load Path Provided? (check one) Yes No *(If No, attach explanation)*

• Are Component and Cladding Details Provided? (check one) Yes No *(If No, attach explanation)*

***THIS BUILDING IS LOCATED IN A WINDBORNE DEBRIS REGION. PER IRC SECTION R301.2.1.2, OPENING PROTECTION IS REQUIRED. SECTION S8 OF THE COASTAL CONSTRUCTION CODE SUPPLEMENT DOES NOT PERMIT WOOD STRUCTURAL PANELS FOR OPENING PROTECTION.**
(check all that apply)

- Glazed openings within 30 feet of grade will meet the requirements of the Large Missile Test of ASTM E1996.
- Glazed openings located more than 30 feet and less than 60 feet above grade will meet the requirements of the Small Missile Test of ASTM E1996.

Method of opening protection proposed: _____

DESIGN PROFESSIONAL CERTIFICATION:

As witnessed by my seal, I hereby certify that the information included with this certification is true and correct to the best of my knowledge and belief.

Certifier's Name: _____ Certification #: _____

Design Firm: _____ Date: _____

