

Floodplain Manager Approval
By: _____
Date: _____

AO ZONE DESIGN CERTIFICATE

[Reproduce the signed document on the title page of the construction documents]

Building Address: _____

Permit No. _____ City Newport Beach State CA Zip Code _____

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community No. 060227 Panel No. _____ Suffix _____ FIRM Date _____ FIRM Zone(s) _____

SECTION II: Elevation Information Used for Design

[NOTE: This section documents the elevations required in the design – it is based on topographic survey elevations and is not equivalent to a FEMA form “Elevation Certificate” required to be submitted, reviewed and approved during and after construction for projects located within a Special Flood Hazard Area (SFHA).]

1. Topographic Survey created by Surveyor (Print Name) _____
2. Surveyor’s License number _____
3. Date on Topographic Survey _____
4. Existing site’s Highest Adjacent Grade (HAG) within the SFHA..... _____ feet NAVD88
5. Site determined Base Flood Elevation (BFE) _____ feet NAVD88
6. Flood Design Class (ASCE 24 Table 1-1) _____
7. Design Flood Elevation (DFE)(ASCE 24 Table 2-1/Not less than 9.0 ft NAVD88). _____ feet NAVD88
8. Elevation of proposed Highest Adjacent Grade (HAG)..... _____ feet NAVD88
9. Elevation of proposed Lowest Adjacent Grade (LAG)..... _____ feet NAVD88
10. Proposed Garage area _____ square feet
11. Proposed garage flood vent area _____ square inches

SECTION III: AO Zone Design Certification Statement

I certify that: (1) I have developed or reviewed the structural design, plans, and specifications for construction for the above-referenced building and (2) that the design and methods of construction specified to be used are in accordance with ASCE 24 as accepted standards for meeting the following provisions:

- The top of the concrete slab and stem walls for the lowest floor are elevated above the BFE per ASCE 24 Table 2-1 and they are not less than the Community’s minimum DFE of 9.0 feet NAVD88; and
- Flood vents are designed with specifications and details incorporated within the construction documents are compliant with the National Flood Insurance Program (NFIP) and ASCE 24 section 2.7.

SECTION IV: Certification and Seal

I certify this AO Zone Design Certification.

Certifier’s Name _____ License Number _____
Title _____ Company Name _____
Address _____
City _____ State _____ Zip Code _____
Signature _____ Date _____ Phone _____

Place Stamp Here

Note: The AO Zone design certificate is not a substitute for the NFIP Elevation Certificate which is required to certify as-built elevations needed for flood insurance rating. This certification must be signed by the design professional of record for the flood mitigation design.