CITY OF MARATHON, FLORIDA
9805 Overseas Highway, Marathon, FL 33050
Phone (305) 743-0033 | www.ci.marathon.fl.us

V-Zone Certification

(For New Construction, Substantial Improvements, and Substantially Damaged Structures)

Section 1: Structure Location and Ownership Information

Structure Owner _____

Structure Address _____

City _____ State _____ Zip Code _____

Structure Location _____

Latitude _____ Longitude _____ County _____

Legal Description

_____

Coastal Barriers Resource System (CBRS) Area/OPA Yes ☐ No ☐ Designation date: _____/_____/_____

Date of Construction: ____/____/____ Improvement/Repair (to existing Bldg.) ☐ New Building ☐

Section 2: Flood Insurance Rate Map (FIRM) Data

Note: This information is NOT a substitute for an Elevation Certificate.

Community Name _____ Community ID Number _____ Panel Number _____

Panel Suffix _____ Flood Zone _____ Date of FIRM Panel _____ Index Date _____

Section 3: Elevation Information

(Must be certified by a registered professional engineer, architect, or surveyor, authorized by law to certify such information.)

Note: Elevations should be rounded to one tenth of a foot.

1. Elevation of the bottom of the lowest horizontal structural member of the LF _____ Feet
2. Base Flood Elevation (BFE) _____ Feet
3. Design Flood Elevation (DFE) _____ Feet
4. Elevation of Lowest Adjacent Grade (LAG) _____ Feet
5. Elevation of Highest Adjacent Grade (HAG) _____ Feet
6. Foundation type: Piling ☐ Column ☐
7. Foundation Description: _____
8. Approximate depth of scour/erosion used for foundation design _____ Feet
9. Embedment depth of pilings or foundation below LAG _____ Feet
10. Datum used: NGVD 29 ☐ NAVD 88☐ Other ☐ _____

Section 4: Foundation Design & Anchoring Certification

(Must be certified by a registered professional engineer or architect, authorized by law to certify such information.)

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the proposed design and methods of construction are in accordance with accepted standards of practice for meeting the following provisions:
(i) The bottom of the lowest horizontal structural member of the lowest floor (excluding piles and columns) is elevated to above the Base Flood Elevation; and
(ii) The pile or column foundation and structure attached thereto is anchored to resist flotation, collapse, lateral movement, and other structural damage from the effects of wind and water loads acting simultaneously on all structural components. Water loading values used are those associated with the base flood. Wind loading values used are those required by the applicable state or local building code. The potential erosion and scour at the foundation have been incorporated in design for conditions associated with the base flood, including wave action.

Section 5: Breakaway Wall Design Certification

(Must be certified by a registered professional engineer or architect, authorized by law to certify such information.)

I certify that I have developed or reviewed the design, plans, and specifications for construction and that the proposed design and methods of construction to be used for the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:

(i) Breakaway walls shall collapse under wind and water loads less than those that would occur during the base flood;
(ii) The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, and other structural damage due to the effects of wind and water loads acting simultaneously on all building components (wind and water loading values to be used are defined in Section 4).

Section 6: Certification

Check one: **Section 4** ☐ **Section 5** ☐ **Sections 4 & 5** ☐

Certifier's Name (print) _____

Title _____

License number _____ State _____

Telephone Number _____ EMAIL _____

Company Name _____

Address _____

City _____ State _____ Zip Code _____

Signature _____

Date _____

Certifier seal, Signature & Date