



## V-ZONE ENGINEER LETTER PILING AND BREAKAWAY WALL CERTIFICATION

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

Galveston Building Division  
823 Rosenberg, Room 401  
Galveston, Texas 77550

Type of Structure: \_\_\_\_\_

Proposed Location of Structure: \_\_\_\_\_

Owner or Contractor: \_\_\_\_\_

I hereby certify that I am a registered professional engineer and that I have developed and/or reviewed the completed structural design, and plans for the above referenced structure and further certify that the design and proposed methods of construction are in accordance with accepted standards of practice for meeting the provisions of the following:

- a) The above referenced structure is elevated so that the bottom of the lowest horizontal structural member of the lowest floor is located no lower than \_\_\_\_\_ feet above mean sea level, with all space below said lowest horizontal structural member open so as not to impede the flow of water, except for breakaway walls as provided for in the Galveston Building Regulation.
- b) Pilings or columns used as structural support and the structure attached thereto are designed and anchored so as to resist flotation, collapse, and lateral movement due to the effects of wind and water loads acting simultaneously on all building components. Wind and water loading values shall each have a one percent chance of being equaled or exceeded in any given year (100-year mean recurrence interval).
- c) Piling depth \_\_\_\_\_
- d) The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components.
- e) All materials below base flood elevation are flood damage resistant materials.
- f) Said breakaway walls have a design safe loading resistance of not less than 10 and no more than 20 pounds /square foot and shall collapse from a water load less than that which would occur during the base flood.

\_\_\_\_\_  
Printed Name Engineer

\_\_\_\_\_  
Signature Engineer

\_\_\_\_\_  
Registration Number

\_\_\_\_\_  
Stamp