

Calhoun County Floodplain Administration

Certification Letter V-Zone

To: Calhoun Co. Floodplain Administration
211 S. Ann St. Suite 301
Port Lavaca, Texas 77979

Date: _____

Type of Structure: _____

Proposed Location of Structure: _____

Owner or Contractor: _____

I hereby certify that I am a registered professional engineer or architect (circle one) and that I have developed and/or reviewed the structural design, specifications, 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 shall be 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 Calhoun County Flood Damage Prevention Order. (see v-zone certification for enclosure below BFE)
- b) Pilings or columns used as structural support and the structure attached thereto shall be 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).

(Printed Name)

(Signature)

(Registration Number)

(Stamp)

Calhoun County Floodplain Administration

Certification Letter for Enclosure Below base flood elevation V-Zone

To: Calhoun Co. Floodplain Administration
211 S. Ann St. Suite 301
Port Lavaca, Texas 77979

Date: _____

Type of Structure: _____

Proposed Location of Structure: _____

Owner or Contractor: _____

I hereby certify that I am a registered professional engineer or architect (circle one) and that I have designed and/or reviewed the structural design, specifications, and plans for the walls of the enclosed area below the lowest floor of the above referenced structure and further certify that the enclosure meets the following:

- a) Such enclosed space shall be or enclosed with breakaway walls as defined in (b) below.

The enclosed area shall be open wood lattice (at least 50% of the lattice must be open) or insect screening intended to collapse under wind and water loads without causing collapse, displacement, or other structural damage to the elevated portion of the building or supporting foundation system.

- b) Said breakaway walls shall 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)

(Registration Number)

(Signature)

(Stamp)