BEAUFORT COUNTY V-ZONE CERTIFICATION WORKSHEET

BP#_____

OWNER'S NAME _____

ADDRESS _____

CITY _____ STATE_____ ZIP CODE_____

DISTRICT_____ MAP_____ PARCEL_____

SECTION I –- FLOOD INSURANCE RATE MAP INFORMATION

COMMUNITY NO._____ PANEL NO._____ SUFFIX_____

DATE OF FIRM_____ FIRM ZONE _____BFE _____

SECTION II- ELEVATION INFORMATION

1. Elevation of the Bottom of the Lowest Horizontal Structural Member _____ft (MSL)
2. Base Flood Elevation_____ft (MSL)
3. Elevation of Lowest Adjacent Grade _____ft (MSL)
4. Depth of Anticipated Scour/Erosion_____ft (MSL)
5. Elevation of Bottom of Pilings or Foundation_____ft (MSL)

SECTION III -- V-ZONE CERTIFICATION STATEMENT
(Must be completed by registered engineer or architect)

I certify that based upon development and/or review of structural design, specifications, and plans for construction including consideration of the hydrostatic, hydrodynamic and impact loading involved, the design and methods of construction are in accordance with accepted standards of practice for meeting the following provisions:

The bottom of the lowest horizontal structural member to the lowest floor (excluding the pilings or columns) is elevated to or about the base flood elevation;

The pile or column foundation and structure attached thereto is anchored to resist flotation, collapses and lateral movement due to the effects of wind and water loads acting simultaneously on all building components. Water loading values used are those associated with the 100-year base flood. Wind loading values used are those required by the applicable Building Code as adopted by Beaufort County.

SECTION IV-- BREAKAWAY WALL CERTIFICATION STATEMENT

(Must be completed by a registered engineer or architect when break-away screen or lattice is used which exceeds a design safe loading resistance of 20 pounds per square foot.)

I certify that based upon development and/or review of structural design, specifications, and plans for construction that the design and methods or construction of the break-away lattice screening are in accordance with accepted standards of practice for meeting the following provisions:

Break-away collapse shall result from a water load less than that which would occur during the base flood, and wind loading values used are those required by the applicable building code;

As a result of the breakaway screening collapsing, 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 (water loading values used are those associated with the 100-year base flood, and wind loading values used are those required by the applicable state or local building code);

AREA BELOW B.F.E. IN VELOCITY ZONE

The space below the lowest floor is designed to be usable solely for parking of vehicles, building access, or limited storage.

SECTION V-- CERTIFICATION

CHECK ONE: SECTION: III_____ IV_____ III & IV_____

CERTIFIERS'S NAME_____

TITLE_____LICENSE NO._____

STREET ADDRESS_____

CITY_____STATE_____ZIP CODE_____

SIGNATURE_____TELEPHONE_____