

TOWN OF KIAWAH ISLAND BREAKAWAY WALL AS-BUILT CERTIFICATE

Owner Name _____ Policy Number (Insurance Use) _____
Building Address _____ TMP _____
Permit No _____

SECTION I: Flood Insurance Rate Map (FIRM) Information

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

SECTION II: Elevation Information Retrieved from Finished Construction Elevation Certificate

1. FIRM Base Flood Elevation (BFE)..... _____ feet*
2. Community's Design Flood Elevation (DFE)..... _____ feet*
3. Elevation of the Bottom of Lowes Horizontal Structural Member..... _____ feet*
4. Elevation of Lowest Adjacent Grade..... _____ feet*

*Indicate elevation datum used in 1-4: NGVD29 NAVD88 Other _____

SECTION III: Breakaway Wall Design Certification Statement

Note: This section must be certified by a registered engineer or architect. Breakaway walls shall be designed to have a resistance of no less than 10psf and no more than 20psf. CMU foundation walls shall be constructed in accordance with Section 14-173 (h) of the Town's ordinance.

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

- Breakaway wall collapse shall result from a water load less than that which would occur during the base flood***.
- 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.
- Engineered hydrostatic venting has been installed in the breakaway wall system. The hydrostatic venting conforms to the required 1 square inch of net opening per square foot of floor area to be wet proofed.

Square feet of floor area _____ Net square inch of opening for each Hydrostatic vent _____

Total number of hydrostatic vents installed _____

SECTION IV: Certification and Seal

This certification is to be signed and sealed by a registered professional engineer or architect authorized by law to certify structural designs. I certify the Breakaway Wall Design Certification Statement (Section III, check if applicable).

Certifier's Name _____ License Number _____
Title _____ Company _____
Address _____

Signature Date

