



FILL COMPOSITION CERTIFICATION

I, _____ am the _____ contractor _____ approved agent for contractor _____ Owner
(Print full name)

For property located at (address): _____ TMS# or PIN# _____

THE PROPOSED SCOPE OF WORK IN CONNECTION WITH THIS PERMIT APPLICATION IS:

____ NEW SINGLE FAMILY RESIDENCE ____ NEW DUPLEX ____ NEW TOWNHOUSE
____ NEW COMMERCIAL ____ NEW MULTI-FAMILY ____ OTHER: _____

NO FILL WILL BE ADDED TO PROPERTY

FILL IS PROPOSED/WILL BE ADDED TO THE ABOVE PROPOSED PROJECT

Section I **REQUIRED:** When fill is being placed on a lot in a Special Flood Hazard Area (SFHA).

An applicant shall prove through engineering analysis that fill is the only alternative to raising the building to at least three (3) feet above the base flood elevation, and that the amount of fill used will not affect the flood storage capacity or adversely affect adjacent properties.

- Fill used to support structures must be certified by a registered professional engineer for “designed and compacted fill” that meets the criteria of (1) Section 1803.5.8 and Section 1804.5 of the International Building Code, (2) Section 2.4 of ASCE 24, or (3) their equivalent); and must be on fill that has appropriate protection from erosion and scour.
- Fill slopes shall be no greater than two (2) horizontal to one (1) vertical. Flatter slopes may be required where velocities may result in erosion;
- The use of fill shall not increase flooding or cause drainage problems on neighboring properties.

Section II **REQUIRED:** Any lot in town located in Zone X, X shaded, or AE flood zones where fill has been added. (Coastal A and VE zones do not allow fill).

Non-commercial lots located in the X, X shaded and AE flood zones shall have an average grade of all adjacent lots. **A foundation/current conditions survey shall be provided and approved prior to the foundation being poured or piers being filled prior to additional inspections being performed. Adjacent lot grades shall be measured at a minimum of 20 feet into all adjacent lots.**

Definition: Fill dirt (also called **clean fill**, or just **fill**) is earthy material which is used to *fill in* a depression or hole in the ground or create mounds or otherwise artificially change the grade or elevation of real property.

This requirement shall not apply to Designated Coastal “A” Zones, V, and VE zones as no fill shall be allowed for structural support in these Special Flood Hazard Areas (SFHA). Only non-compacted fill may be used around the perimeter of a building for landscaping/aesthetic purposes provided the fill will wash out from storm surge, thereby rendering the building free of obstruction prior to generating excessive loading forces, ramping effects, or wave deflection. See Section 14-22 (6) for complete requirements.

I understand I am responsible for submitting the required paperwork from a SC Engineer as stated in Section I above *and* a “foundation/current conditions” survey as stated in Section II. I further understand the survey required in Section II must be submitted and approved prior to the foundation being poured or piers being filled.

Signature of responsible Party

Date

False statements made herein shall be punishable as a Misdemeanor