



Soil Bearing Capacity Statement

Permit#: _____

Street Address: _____

Lot: _____ **Subdivision:** _____

Contractor: _____

Date: _____

This is to certify that this office has determined by rational analysis and the fact that the site is in a “developed site” area, that the allowable in-place bearing capacity for the proposed footings are _____psf.

Calculations have been performed analyzing the proposed structure which will be supported on the footings. Such calculations have determined that the design bearing capacity utilized in sizing the structure footing is _____psf.

Since the design capacity is less than the allowable capacity, the soils at the site will safely support the new structure load and comply with the Florida Building Code.

This statement is based upon Section 1818.1 and 1818.2 of the Florida Building Code.

Name: _____

Date: _____

Sign & Seal: _____

Section 1818 – High Velocity Hurricane Zones Bearing Capacity of Soil

18118.1 Design Bearing Capacity. Plans for new buildings, structures or additions shall clearly identify the nature of the soil under the structure and the allowable bearing capacity used in sizing the building foundation support system.

Exception: See 1822.1 For plans for new buildings, structures or additions which are to be supported on a piling foundation system.

18118.2 Allowable Bearing Capacity. Prior to the installation of any footing foundation system for new buildings, structures or additions, the Building Official shall be provided with a statement of allowable bearing capacity from an architect or professional engineer. Said statement shall clearly identify the allowable in-place bearing capacity of the building pad for the new building or addition and verify the existing soil conditions. The certified in-place bearing capacity shall have been determined by way of recognized test or rational analysis and shall meet or exceed the design bearing capacity identified under 1818.1.