

# SOIL BEARING CAPACITY

City of Fort Lauderdale

Job Address: \_\_\_\_\_

Attention: Building Official

Permit Number \_\_\_\_\_

## SOIL BEARING CAPACITY STATEMENT

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 footing are \_\_\_\_\_ psf.

Calculations have been performed analyzing the proposed structure which will be supported on the footing. 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 2014 (5<sup>th</sup> Edition).

This statement is based upon Sections 1802.1 , 1803.2 and 1803.3 and Section R0401.2 Florida Building Code 2014 (5<sup>th</sup> Edition).

By: \_\_\_\_\_  
Print Name

Seal:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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**1803.2 Investigations required.** Geotechnical investigations shall be conducted in accordance with Sections 1803.3 through 1803.5.

**Exception:** The *building official* shall be permitted to waive the requirement for a geotechnical investigation where satisfactory data from adjacent areas is available that demonstrates an investigation is not necessary for any of the conditions in Sections 1803.5.1 through 1803.5.6 and Sections 1803.5.10 and 1803.5.11.