



City and County of San Francisco
Department of Building Inspection
1660 Mission Street, San Francisco, CA 94103

Structural Bulletin

SB 01-08

Subject: **Soils Investigation Report Requirements**

Date: April 22, 2008

Revised: January 7, 2009

With the adoption of the 2007 San Francisco Building Code (SFBC), comprised of the 2007 California Building Code (CBC) and 2007 San Francisco Amendments, a site-specific soils investigation report shall be required for the following scopes of work:

1. All new buildings determined to be in Seismic Design Category C, D, E, or F in accordance with 2007 SFBC Section 1802.2.6 and 1802.2.7.
2. Alterations to existing buildings (including horizontal and vertical additions) utilizing soil design parameters that exceed the allowable pressures indicated in 2007 CBC Table 1804.2.
3. All new buildings within the landslide zones as shown on the map showing potential landslide areas.
4. All horizontal and/or vertical additions greater than 200 square feet in projected roof area within the landslide zones as shown on the map showing potential landslide areas.
5. Excavations where the total cut exceeds 10 feet in height, or where the cut slope is steeper than one unit vertical in two unit horizontal.
6. Any footings on or adjacent to slopes steeper than one unit vertical in three units horizontal without clearances as indicated in 2007 SFBC Section 1805.3 and Figure 1805.3.1.
7. Any deep foundation designs such as driven piles and cast-in-place concrete piers.
8. All structures utilizing base isolation systems.
9. All structures utilizing Modal Response Spectrum Analysis in accordance with ASCE 7-05 Section 12.9.

All soils investigation reports shall be prepared, sealed or stamped, and signed by a licensed Geotechnical Engineer or Civil Engineer (with expertise in geotechnical engineering) in the State of California pursuant to 2007 SFBC Section 1802.1.

Approved: Raymond Lui, S.E.
Deputy Director for Plan Review Services

A handwritten signature in black ink, appearing to be "R. Lui", written over the printed name and title.