

STRUCTURAL REQUIREMENTS FOR SIGN SUPPORTS

Signs and their supports must be designed in accordance with the California Building Code (CBC) to resist gravity loads and the most critical of the following loads:

1. Wind pressures for 110 mph wind speed, Exposure "C".
2. Seismic Design Category D motions.

Soil pressures shall not exceed those allowed for Class 5 soils in CBC Table 1806.2, unless a site soil report is provided in accordance with CBC 1803.

Plans for all signs shall be drawn to scale and shall be of sufficient clarity to indicate the location, nature, and extent of the work proposed and show in detail that it will conform to the provisions of the CBC and all relevant laws, ordinances, rules, and regulations.

Design calculations and drawings prepared by a registered civil engineer, structural engineer, or architect are required for:

1. Ground-supported signs 8 feet or more in height.
2. Signs mounted on buildings which project more than 4 feet from the building.
3. Any sign with more than 100 square feet of projected area.

Exception

A new sign may be mounted on an existing support without engineering design if:

- (a) the existing sign was constructed with a permit;
- (b) the new sign configuration is neither larger nor taller than the existing sign;
- (c) the new sign is no more than 100 square feet in projected area; and