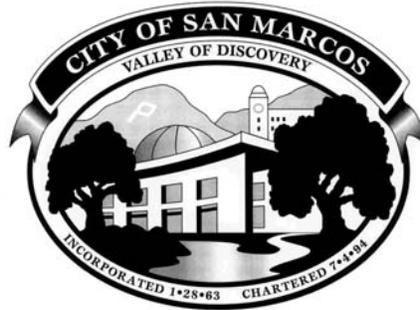


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**City of San Marcos
General Design Standards
2007 California Building Code**

Basic Wind Pressure 13 PSF
Exposure B Typical – Exposure C near lake areas
85 MPH Wind Speed 3 second gust

SEISMIC COEFFICIENT	VALUE **	CBC SECTION
Site Class	D	Table 1613A.5.2
Fa	1.08	Table 1613A.5.3 (1)
Ss	1.05	Figure 1613A.5.3 (3)
Sms	1.13	Section 1613A.5.3
Sds	0.75	Section 1613A.5.4
Fv	1.60	Table 1613A.5.3 (2)
S1	0.40	Figure 1613A.5 (4)
Sm1	0.64	Section 1613A.5.3
Sd1	0.43	Section 1613A.5.4
Seismic Design Category	D	Type I, II Occupancies
Seismic Design Category	E	Type III Occupancy
Seismic Design Category	F	Type IV Occupancy

** Values are based on general soil conditions in the city of San Marcos and are only a guideline for design professionals. The design professional must determine actual coefficients based on geotechnical investigations for the site and calculate the values in accordance with ASCE-7, Section 11.4.7. A soils report documenting the findings is required.

CITY COUNCIL:
Jim Desmond, Mayor

Hal Martin, Vice-Mayor

Mike Preston

Chris Orlando

Rebecca Jones