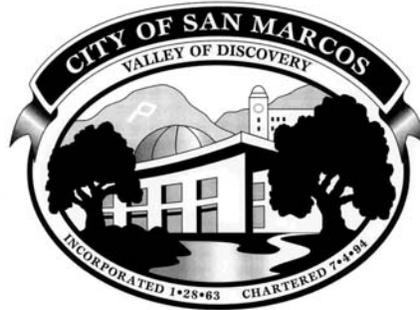

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DEPARTMENT OF DEVELOPMENT SERVICES
BUILDING AND SAFETY DIVISION
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BUILDING DESIGN CRITERIA

The design criterion for development in the City of San Marcos is based on the 2007 California Building Code. The design criteria are minimum standards and must be supported by structural calculations and geotechnical reports when used in the design of structures within the city.

ADOPTED CODES

- 2007 California Building Code – 2006 International Building Code
- 2007 California Energy Code – 2005 Energy Commission Standards
- 2007 California Electrical Code – 2005 National Electrical Code
- 2007 California Plumbing Code – 2006 Uniform Plumbing Code
- 2007 California Mechanical Code – 2006 Uniform Mechanical Code
- 2007 California Fire Code – 2006 International Fire Code
- 1997 Uniform Housing Code
- 1997 Uniform Code for the Abatement of Dangerous Buildings

SEISMIC DESIGN

- Seismic Design Category “ D ” for Occupancy Categories I, II, and III
- Seismic Design Category “ E or F ” for Category IV as determined
- Seismic Design coefficients and factors per ASCE Std. 7-05, Tab. 12.2-1
- Assume site soil Class “ D ” unless indicated otherwise in a soils report

WIND DESIGN

- Basic wind speed 85 MPH at 3-second gust
- Basic wind pressure 13 PSF
- Exposure “ B ” for most areas; analyze exposure next to lake areas
- Rainfall 3-inches per hour for design of roof drains

ENERGY

- Climate Zone 10

HIGH FIRE SEVERITY AREAS

- Wildland Urban Interface Areas require additional fire protection in the design and also require a fire wise study.

CITY COUNCIL:

Jim Desmond, Mayor

Hal Martin, Vice-Mayor

Mike Preston

Chris Orlando

Rebecca Jones