



**City of Huntington Beach**  
**Department of Building & Safety**  
**BUILDING DESIGN CRITERIA**

2000 Main Street, Huntington Beach, CA 92648  
 Office: (714) 536-5241 Fax: (714) 374-1647

**DESIGN CRITERIA**

**Building Codes**

2007 California Building Code  
 2007 California Mechanical Code  
 2007 California Electrical Code  
 2007 California Plumbing Code  
 2007 California Energy Code  
 Huntington Beach Municipal Code

**Design Parameters**

Wind Speed	85 mph (3 second gust)
Wind Exposure	Site specific for each project (CBC Section 1609)
Seismic Design Category	Site specific for each project based on latitude and longitude (CBC Section 1613) The parameters may be determined by using the USGS program available at: <a href="http://earthquake.usgs.gov/research/hazmaps/design/">http://earthquake.usgs.gov/research/hazmaps/design/</a> (Note: majority of Huntington Beach is located in Seismic Design Category D)
Soil Bearing Capacity	1,000 psf unless a soils report is provided per CBC Section 1802
Rainfall (structural)	Design rainfall intensity (i) of minimum 2 inches per hour shall be used to determine the design rain load, R (CBC Section 1611)
Rainfall (drainage)	4 inches per hour for roof drainage design
Conventional Construction Criteria (CBC 2308)	- Seismic Design Category D - Braced walls per CBC Section 2308.12 and Table 2308.12.4 where $S_{DS} > 1.00$
Climate Zone	Zone 6