



Building and Safety Division

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Information Bulletin:

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BUILDING DESIGN CRITERIA

The purpose of this informational guideline is to provide design and construction professionals a summary of local Codes, Standards, and design criteria specific to the City of Covina. All buildings, structures, apparatus, and components thereof, shall be designed and constructed in accordance with these Codes and Regulations, as adopted and amended by the City of Covina.

- **Building Design Criteria:**

- 2013 California Building Code with local amendments
- 2013 California Administrative Code with local amendments
- 2013 California Residential Code with local amendments
- 2013 California Fire Code with 2011 Los Angeles County amendments
- 2013 California Green Building Standards Code with local amendments
- 2013 California Electrical Code with local amendments
- 2013 California Mechanical Code with local amendments
- 2013 California Plumbing Code with local amendments
- 2003 California Energy Standards
- 2013 Covina Municipal Code
- 2014 L.A. County Fire Code

- **Structural Design Criteria**

- **Wind Speed:** $V_{ult} = 110$ mph (building risk category II) , $V_{3s} = 85$ mph (3 second gust)
- **Wind Exposure Category:** B
- **Seismic Design Category:** D (CBC) and D₂ (CRC)

- **Foundation Design Parameters:**

The following foundation design parameters shall be used unless higher values are justified by an approved soil report:

1. Allowable soil bearing pressure: 1500 p.s.f. (or per soil report)
2. Allowable lateral bearing pressure: 100 p.s.f. (or per soil report)

- **Energy Design Criteria :** Climate Zone 9