



CITY OF PASADENA

BUILDING AND SAFETY DIVISION

175 North Garfield Avenue, Pasadena, CA 91101-1704
(626) 744-4200 Fax: (626) 744-3979
www.cityofpasadena.net

DESIGN PARAMETERS AND SPECIAL CONSIDERATIONS

Adopted Building Standards

- 2019 California Building Code Volumes 1 & 2, and Appendices Chapter C, H, I & J of Vol. 2;
- 2019 California Residential Code and Appendices Chapter E, G, & H;
- 2019 California Code of Regulations Title 24 part 1-12;
- 2019 California Electrical Code;
- 2019 California Mechanical Code;
- 2019 California Plumbing Code;
- 2019 California Energy Code;
- 2019 California Fire Code;
- 2019 California Historical Building Code;
- 2019 California Reference Standards Code;
- 2019 California Existing Building Code;
- 2019 California Administrative Code;
- 2019 California Green Building Standards Code;
- City of Pasadena Municipal Code

Soils Investigation Requirements required for:

- All new constructed single and multi-family residential, commercial, and industrial buildings.
- An addition to a commercial or industrial building.
- Second (2nd) story addition to existing one-story building.
- Two (2) story addition.
- Hillside construction, i.e. decks, retaining walls, and swimming pools.

A soils investigation is not required for:

- A residential room addition or non-habitable accessory structure where the allowable foundation and lateral pressure comply with the Category 5 Material Classification Soil Properties listed in CBC Table 1806.2 and not subject to potential liquefaction or the Slope Density Ordinance.
- Retaining walls that are designed per Category 5 Material Classification Soil Properties Listed in CBC Table 1806.2. Otherwise, retaining walls subjected to vehicle surcharge loads or supporting slopes that are greater than 1(V):3(H) shall require a soils report.



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Wind – Residential

Design wind speed is 110 miles per hour (mph), Exposure C (ASD)

Wind – Non-Residential

<u>Risk Category</u>	<u>Wind Speed</u>
I & II	110 mph
III & IV	115 mph

Note: Risk Categories are found within CBC Table 1604.5.

Seismic:

Site Accelerations S_{DS} and S_{D1} shall be site specific and can be determined by online software utilizing 2018 IBC or ASCE 7-16 values.

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Climate Zone (Energy): 9

Minimum Plan Size: 24" (h) x 36" (w)

NOTE: Please contact the City of Pasadena Building and Safety with inquiries.