



CITY OF FOSTER CITY

Community Development Department

Building Division

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CURRENT BUILDING CODE AND DESIGN CRITERIA

- 2022 California Building Code
 - 2022 California Building Code (Volume 1 and Volume 2)
 - 2022 California Residential Code
 - 2022 California Electrical Code
 - 2022 California Mechanical Code
 - 2022 California Plumbing Code
 - 2022 California Energy Code
 - 2022 California Historical Building Code
 - 2022 California Existing Building Code
 - 2022 California Referenced Standards Code
- Foster City Municipal Code Chapter 15.02

Local Design Criteria

Due to the high-water table and sever corrosion levels in the City of Foster City

Foundation – Residential Single-Family Residence

- a. Minimum 15” wide x 24” deep
- b. All rebar installed for structure(s) shall be epoxy coated.
- c. All anchor bolts and bolts with direct contact with concrete shall be zinc coated or better.
- d. The foundation size specified above, shall be for additions up to 500 square feet single story with a roof. Any addition more that 500 square feet with a second story will require a Soils/Geology report.
- e. If an older Soils/Geology report has been completed 2 years or later to plan check submittal, the Soil/Geology report may provide a updated report for the current project.

SLAB

- a. Provide a minimum Slab thickness of 5 inches with #4 rebar at 18 inches each way.
- b. Provide a minimum 10 Mil plastic vapor barrier membrane with a minimum of 2 inches of sand above the vapor barrier and minimum 2 inches of sand below the barrier.

Exposure: C and D (D most severe)

Climate Zone: 3

Seismic zone: E **Risk Category:** II

Basic Wind Speed: 95 mph

Soil bearing pressure: 1200 psf Anything more will require a Soils/Geology report.

Earthquake zones of required investigation: [CGS Maps](#).