SOILS REPORT REQUIREMENTS

Soils reports must meet the requirements of Chapter 18 of the 2019 C.B.C. and Chapter 4 of the 2019 C.R.C.

Soils reports are required for the following:

1. New single-family and/or multi-family residential dwellings.
2. New public, commercial, and industrial buildings, and additions.
3. Residential additions more than single story.
4. Residential additions over 500 sq ft. (see exception)
5. Residential additions on slopes greater than 10%.
6. Detached accessory structures greater than 500 sq ft. (see exception)
7. Detached accessory structures on slopes greater than 10%.
8. Swimming pools on slopes of 30% or greater.
9. Other structures, including decks and patio covers, as determined by the Building Official.

Exception: The building official may not require a foundation and soils investigation report for one-story, wood-frame and light-steel-frame additions to Group R, Division 1 and 3 occupancies of 1,000 square feet of floor area or less, or new one-story, wood-frame and light-steel-frame detached accessory structures 1,000 square feet of floor area or less, or one-story, wood-frame and light-steel-frame additions to detached accessory structures 1,000 square feet of floor area or less when a licensed architect or engineer provides a foundation design and a site observation report with a statement of site suitability.

Minimum foundation for structures that do not require a soils report may be any one of the following:

1. Minimum 27” deep, 12” wide, with 1 #5 bar top and bottom.
2. Foundation design prepared, stamped and signed by a licensed architect or engineer, specific to the proposed structure with a statement of site suitability.
3. Alternative design approved by Building Official due to minor scope of project, or evidence observed by site investigation, or substantive information provided by project owner or authorized agent.