



**PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION**

411 Main Street, 2nd Floor Phone: (530) 879-6900
P.O. Box 3420 Fax: (530) 895-4899
Chico, CA 95927-3420 www.ci.chico.ca.us

DEVELOPMENT ENGINEERING REVIEW CHECKLIST FOR BUILDING PERMITS

THIS CHECKLIST IS USED AS A PROCESSING AID TO ASSURE COMPLIANCE WITH THE CHICO MUNICIPAL CODE. **THIS CHECKLIST IS A PROCESSING AID AND DOES NOT ENSURE THAT ALL ISSUES PERTINENT TO A PARTICULAR PLAN SET HAVE BEEN ADDRESSED.**

Building Plan Check Criteria: Single Family Residence – Canyon Oaks

Plan Check Requirements:

Onsite: Full onsite improvement plans including the Canyon Oaks requirements.

Offsite: None.

Provide an onsite grading and improvement plan prepared by a registered engineer including all Canyon Oaks site development notes (see below) and conditions.

CANYON OAKS - GENERAL DETAILS

Due to the nature of the soils in this area and the requirements for fills, the site grading and improvement plan shall be wet-stamped and signed by a registered civil engineer and shall include at a minimum the following:

1. Construction methods and compaction requirements for any fills.
2. Both existing elevations and proposed grades should be shown along the proposed driveway.
3. Proposed limits of all grading and denote all top of cuts and toe of fills.
4. Reference the approved geotechnical report for the Canyon Oaks Subdivision and note any specific relevant sections of the document on the site grading plan.
5. Dust suppression methods.
6. All erosion control measures.

CANYON OAKS - SPECIFIC NOTES AND CONDITIONS

The following notes shall be added to all plans pertaining to building in Canyon Oaks.

1. Add the following note:... “Notify Underground Service Alert (USA) and verify all underground utilities prior to commencing any construction activities.”
2. Add the following note:... “Field supervision by a registered engineer during all grading operations.”



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3. Add the following note:... “Prior to the start of foundation construction, the engineer of record shall provide both a certification that the lot has been graded in accordance with the approved grading plan, and a compaction certification.”
4. Add the following note:... “Lava Cap Warning

If lava is encountered during excavation of the building site, and the applicant chooses to not dig traditional footings, the following pinning procedure shall apply:
 - a. Dig footings per plans until lava is encountered.
 - b. Secure the services of a soils engineer to determine lava cap type as necessary for structural pinning design.
 - c. Submit pinning details and supporting calculations for plan check.
 - d. Upon approval of the above, a Special Inspector shall inspect the installation of pinning and submit a letter of approval to the City. The City will accept the design engineer as the Special Inspector.”
5. Add the following note:... “Mud flows shall not be pinned. Full depth footings must be approved. Retaining walls or seismic footings shall not be pinned without special engineering and field testing.”
6. Add the following note:... “Erosion control measures shall be in place and maintained throughout the construction of this project. Onsite materials or debris shall not be permitted to wash off the project site and into the storm drain system.”
7. Add the following note:... “Prior to the start of foundation construction, the Engineer of Record shall provide a certification that the lot has been graded in accordance with the approved grading plan along with a compaction certification. In addition, the Engineer of Record shall provide a second certification prior to issuance of the Certificate of Occupancy that the grading and drainage patterns have been maintained in accordance with the approved grading plan.”