

Required Grading Inspections

ENG-001

This is a list of required inspections to be performed by the grading inspector and, if engineered grading, by the engineer providing grading controls. If work requiring inspection is covered or concealed without first having been inspected, the grading inspector may require, by written notice, that such work be exposed for examination. All Code Sections listed below refer to California Building Code - Appendix Chapter 33.

Project Address: _____ City: _____

Grading Plan Check or Permit # _____ APN: _____

- The project plans have been checked and classified as **engineered grading**. (CBC-3309.4)
- The project plans have been checked and classified as **non-engineered** grading. (CBC-3309.8)

Note: Inspections, tests and reports are required when the corresponding box is checked.

Grading Inspector	Engineer
<input type="checkbox"/> Pre-construction meeting with contractor, grading inspector and/or others.	<input type="checkbox"/> Pre-construction meeting with contractor, geotechnical engineer, grading inspector and others, as applicable.
<input type="checkbox"/> Other inspections, as agreed at pre-construction meeting.	<input type="checkbox"/> Other inspections, as agreed at pre-construction meeting.
<input type="checkbox"/> Preparation of ground for fill placement, organic layer removed, competent material exposed, surface scarified, etc. (3313.2)	<input type="checkbox"/> Preparation of ground for fill placement, organic layer removed, competent material exposed, surface scarified, etc. (3313.2)
<input type="checkbox"/> Surface benched where surface receiving fill is steeper than 5h:1v. (3313.2)	<input type="checkbox"/> Surface benched where surface receiving fill is steeper than 5h:1v. (The geotechnical engineer may require benching at flatter than 5h:1v.) (3313.2)
<input type="checkbox"/> Key or core. (3313.2)	<input type="checkbox"/> Key or core. (3313.2)
<input type="checkbox"/> Terraces, as required. (3315)	<input type="checkbox"/> Subsurface drainage facilities. (3313.2)
<input type="checkbox"/> Surface drainage facilities including interceptor drains, swales, ditches on terraces, concrete or shotcrete ditch lining, etc. (3315.2)	<input type="checkbox"/> Fill placement method, suitability of materials, lift thickness, moisture content and density monitored and reported to contractor, etc. (Design specifications).
<input type="checkbox"/> Final rough grading of both cut and fill slopes, including terracing, rounding of top soil layer, setbacks from permit area boundaries, etc. (3312, 3313, 3314, 3315)	<input type="checkbox"/> Terraces, as required. (3315)
<input type="checkbox"/> Erosion control measures, either temporary or permanent, including sediment fences, installation of fabrics, seeding slopes, etc. (3316)	<input type="checkbox"/> Surface drainage facilities including interceptor drains, swales, ditches on terraces, concrete or shotcrete ditch lining, etc. (3315.2)
<input type="checkbox"/> Final inspection for code compliance. If engineered grading, the final report is also reviewed by grading inspector before the grading permit is finalized.	<input type="checkbox"/> Final rough grading of both cut and fill slopes, including terracing, rounding of top soil layer, setbacks from permit area boundaries, etc. (3312, 3313, 3314, 3315)
	<input type="checkbox"/> Density tests and moisture content with moisture/density curve at locations chosen by engineer providing grading controls, not by contractor. (3317, 3318)
	<input type="checkbox"/> Erosion control measures, either temporary or permanent, including sediment fences, installation of fabrics, seeding slopes, etc. (3316)
	<input type="checkbox"/> "As Built" plans by civil engineer, if changes have been made during construction. Verification on line & grade by civil engineer may be requested by soils engineer or this department. (3318)
	<input type="checkbox"/> Final report by the soils engineer providing grading controls meeting the requirements of 3318.

Plan Checker: _____ Date: _____

*Engineer: _____ Date: _____

*Engineer's signature is required for "engineered" grading.

Sonoma County Permit and Resource Management Department

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