



CITY OF SCOTTS VALLEY
One Civic Center Drive
Scotts Valley, CA 95066
Planning Department (831) 440-5630

Engineered Grading Plan Requirements

NOTE: Reference City Municipal Code, Title 15, for Grading, Drainage and Erosion Control Design Standards.

At a minimum, grading plans shall include the following on a D-size plan sheet:

1. Name and address of property owner.
2. Assessor's Parcel Number.
3. Name, address, contact information, stamp and seal of plan preparer.
4. Job/project number.
5. Vicinity map.
6. Sequence and schedule of proposed site work, if known.
7. Volume of cuts and fills.
8. Location of disposal site(s), if known.
9. Name and location of existing, adjacent streets.
10. Intended use or purpose of work.
11. North arrow and graphical scale of drawing.
12. Property lines, setbacks and building envelopes.
13. Clearly delineated area(s) of proposed grading; enlarged for clarity if necessary, and limits of grading and land clearing.
14. Existing structures, utilities, watercourses, cuts, fills and any other significant topographical features.
15. All significant trees, as specified in Code Section 17.44.080, with details for either tree protection measures, proposed relocations or removals.
16. Locations of proposed structures, including retaining walls.

17. Existing and proposed contours. Topographic information must be at a suitable scale to insure clarity. Minimum contour intervals are as follows:

Slope of existing ground	Contour Interval
0-5%	1 ft
5-15%	2 ft
>15%	5 ft

18. Cross-sections of cuts, fills, building pads, and driveways (including property lines where appropriate).
19. Toe and top of cut and fill slopes.
20. Width, radius, profiles and drainage facilities for driveways and access roads.
21. Proposed structural sections (sub-base, base, and pavement) for driveways and access roads (including compaction requirements).
22. Existing and proposed locations of all septic disposal systems (tanks, leach fields, and expansion areas).
23. Existing and proposed surface and subsurface drainage facilities, including culverts and other structures as required.
24. An erosion control plan including appropriate details and specifications. A sediment control plan is also required for winter grading operations.
25. Specifications and details for construction materials and installations.
26. Statement that an “as built” plan will be completed, and certification from the project engineer that all work was completed in accordance with the approved plans and specifications.
27. Reference to project geotechnical report and engineer.
28. If required, reference to other project reports such as geologic, arborist, biotic and archaeologic.

Supporting documents:

29. Hydraulic calculations demonstrating adequacy of proposed drainage facilities for the minimum 10-year storm event, and no increase in pre-development runoff levels.
30. Soil analysis and sediment loss calculations for sediment control plan, if required.
31. Project geotechnical report.
32. Plan review and approval letter from the project geotechnical engineer.
33. If required, project technical reports such as geologic, arborist, biotic and archaeologic.
34. If required, plan review and approval letters from the project geologist, arborist, biologist, or archaeologist.