



BUILDING & SAFETY DIVISION GRADING NOTES

1. All grading shall conform to City of Goleta Municipal Code Chapter 14 Grading Ordinance #4477 and standards and requirements pertaining thereto, these construction drawings and the recommendations of the soils engineer and engineering geologist.
2. Contractor to notify the City inspector and soils laboratory at least **48 hours** before start of grading work or pre-construction meeting.
3. Contractor shall employ all labor, equipment and methods required to prevent his operations from producing dust in amounts damaging to adjacent property, cultivated vegetation and domestic animals **or** causing a nuisance to persons occupying buildings in the vicinity of the job site. Contractor shall be responsible for damage caused by dust from his grading operation.
4. Before beginning work requiring exporting or importing of materials, the contractor shall obtain approval from the Community Services Department for haul routes used and methods provided to minimize the deposit of soils on city roads. Grading/Road inspectors shall monitor this requirement with the contractor.
5. The geotechnical engineer shall provide observation and testing during grading operations in the field and shall submit a final report stating that all earth work was properly completed and is in substantial conformance with the requirements of the grading ordinance.
6. Areas to be graded shall be cleared of all vegetation including roots and other unsuitable material for a structural fill, then scarified to a depth of 6" prior to placing of any fill. Call grading inspector for initial inspection.
7. A thorough search shall be made for all abandoned man-made facilities such as septic tank systems, fuel or water storage tanks, and pipelines or conduits. Any such facilities encountered shall be removed and the depression properly filled and compacted under observation of the geotechnical engineer.
8. Areas with existing slopes which are to receive fill material shall be keyed and benched. The design and installation of the keyway shall be per the geotechnical engineer's recommendation.
9. Fill material shall be spread in lifts not exceeding 6" in compacted thickness, moistened or dried as necessary to near optimum moisture content and compacted by

an approved method. Fill material shall be compacted to a minimum of 90% maximum density as determined by 1957 ASTM D – 1557 – 91 modified proctor (AASHTO) test or similar approved methods. Some fill areas may require compaction to a greater density if called for in the construction documents. Soil tests shall be conducted at not less than one test for each 18” of fill and/or for each 500 cubic yards of fill placed.

10. Cut slopes shall not exceed a grade of 1½-horizontal to 1-vertical. Fill and combination fill and cut slopes shall not exceed 2-horizontal to 1-vertical. Slopes over 3-feet in vertical height shall be planted with approved perennial vegetation or treated with equally approved erosion control measures prior to final inspection.

11. Surface drainage shall be provided at a minimum of 2% for 5 feet away from the foundation line or any structure.

12. All trees that are to remain on site shall be temporarily fenced and protected around the drip line during grading operation.

13. An erosion and sediment control plan shall be required as part of the grading plan and permit requirements.