

GRADING PERMIT STANDARD CONDITIONS

1. The permittee shall comply with all of the terms and conditions of this permit, including any supplemental conditions if applicable, and with the provisions of Chapter 31 of the Solano County Code. Supplemental conditions shall take precedence over these standard conditions, in the event of any conflict. All grading work shall be performed in accordance with good design and construction practice. The permittee shall supply a bond if requested by Solano County.
2. It is understood and agreed that Solano County assumes no responsibility for liability for injury to, or death of any person, or damage to property which may occur through any act or omission of either the permittee or Solano County arising from the issuance of this permit. In the event any claim, suit or action is brought against Solano County, its officers, agents or employees, by reason of, or in connection with, any such act or omissions, the permittee shall defend, indemnify, and hold harmless Solano County, its officers, agents and employees from such claim, suit, or action. If required by Solano County, the permittee shall provide a certificate of insurance that meets Solano County's requirements. The insurance shall be in an amount as required by Solano County.
3. The permittee agrees to assume responsibility for the maintenance of any facilities constructed or altered pursuant to this permit.
4. All work to be performed shall be completed by the expiration date, but under no circumstances later than two years from the date of issuance of this permit, unless extended by Solano County.
5. The permittee shall be responsible for determining the existence and location of any existing underground facilities. Should an existing underground facility conflict with the proposed work, the permittee must either redesign the proposed new work to avoid the existing facility, or arrange for any necessary removal or relocation with the owner of the existing facility. The permittee shall locate (horizontally and vertically) such facilities in the field upon the request of Solano County.
6. **The permittee shall be responsible for obtaining all necessary permits and permissions from affected property owners, public agencies, and others.**
7. Issuance of this permit does not relieve the permittee of the responsibility for perpetuating natural drainage from all adjacent properties.
8. The permittee shall adhere to the following general design principles and standards which shall serve as minimum guidelines for grading and erosion control work performed pursuant to this permit:
 - A. All work shall be done in a manner which will minimize soil erosion. Proposed development and roadway alignments shall be fitted to the topography where practical to minimize erosion. Existing natural vegetation shall be retained and preserved wherever possible and practical. Exposure of soil to erosion by removal of vegetation shall be limited to the smallest area and shortest time practical. Exposure of soils shall be limited to an area in which work will be completed prior to the onset of the rainy season, to ensure that the soil is stabilized and vegetation is established in advance of the rainy season (October 15 -April 15).
 - B. Facilities shall be constructed to retain sediment produced on site. Sediment basins, sediment traps, and similar required measures shall be installed prior to any cleaning or grading activities, and shall be maintained throughout any such operations until removal is authorized. Such structures shall be designed to minimize potential mosquito problems. Seeding, mulching, and other suitable stabilization measures shall be used to protect exposed erodible areas in advance of the rainy season. Permanent sediment retention facilities and final stabilization measures shall be installed as soon as practical and a plan for their maintenance developed and adhered to.
 - C. Provisions shall be made to mitigate any increased runoff caused by altered soil conditions during and after construction.
 - D. Neither cut nor fill slopes shall be steeper than two parts horizontal to one part vertical (2:1) unless a geological or engineering analysis indicates that steeper slopes are safe and appropriate erosion control measures are specified. The top of cuts and the toe of fills shall not be closer than five (5) feet from any property line or road right of way.
 - E. Cleared vegetation and excavated materials shall be disposed of in a manner which reduces the risk of erosion, and in conformance with the provisions of the approved grading permit. Topsoil shall be conserved for use in revegetation of disturbed areas whenever possible or practical.
 - F. Waterways shall be designed to minimize erosion. Wide channels shall generally be constructed with relatively flat side slopes and lined with appropriate vegetation.
 - G. Every effort shall be made to preserve existing channels and watercourses. No work shall be performed within a channel or watercourse unless no reasonable alternative is available. If such work is performed, it shall be limited to the minimum amount necessary. Neither cuts nor fills shall encroach upon channels, watercourses, or floodplains in a manner which adversely affects other properties.
 - H. All fill material shall not include organic, frozen or other deleterious materials. No rock or similar irreducible material greater than 12 inches in any dimension shall be included in fills.
 - I. All fill supporting a structure must be compacted to 90 percent of maximum density as determined by ASTM D 1557, Modified Proctor, in lifts not exceeding 12 inches in depth.