

# ENGINEERING DIVISION MINIMUM PERMIT SUBMITTAL REQUIREMENTS

The following list of minimum requirements needs to be addressed when submitting a building permit that could impact drainage or grading. The list identifies minimum submittal requirements only and may not represent all items required for Engineering Division approval. The applicant is directed to the Washoe County Development Code Articles 416 - Flood Hazards, 420 - Drainage Standards and 438 - Grading Standards.

## 1. MINIMUM PLAN REQUIREMENTS FOR ENGINEERING REVIEW

- The following information must be drawn to scale and accurately shown on the grading plan(s):
  - North arrow, date and scale
  - Owner's name
  - Project address
  - Name of plan preparer
  - Location and limits of all work to be performed
  - Existing contours
  - Proposed contours
  - Location of all proposed and existing structures on the lot
  - Location of any structures on adjacent parcels that are within 15 feet of the proposed grading
  - Quantities of excavation, fill and disturbed surface area shall be calculated and included on plans
    - For material removed from site include the amount removed, proposed disposal area and disposition of the fill
  - Maximum depth of cut and height of fill
  - Existing and proposed surface drainage patterns
  - Sufficient elevation data to show that the drainage will work as proposed
  - Perpetuate all offsite drainage. Proposed drainage shall be directed to an approved storm drainage system or easement and shall not result in adverse impacts downstream.
  - Driveway slope in percent, not to exceed 14%

## 2. SETBACKS – CUT AND FILL SLOPES FROM PROPERTY BOUNDARY

- The top of cut slopes shall not be made nearer to a site boundary line than one-fifth ( $1/5$ ) of the vertical height of cut with a minimum of two (2) feet and a maximum of ten (10) feet. The setback may need to be increased for any required interceptor drains.
- The required setback from the toe of the slope to the site boundary line shall be one-half ( $1/2$ ) the height of the slope with a minimum of two (2) feet and a maximum required setback not to exceed twenty (20) feet. Where a fill slope is to be located near the site boundary and the adjacent off-site property is developed, special precautions shall be incorporated in the work as the Building Official or County Engineer deems necessary to protect the adjoint property from damage as a result of such grading.