

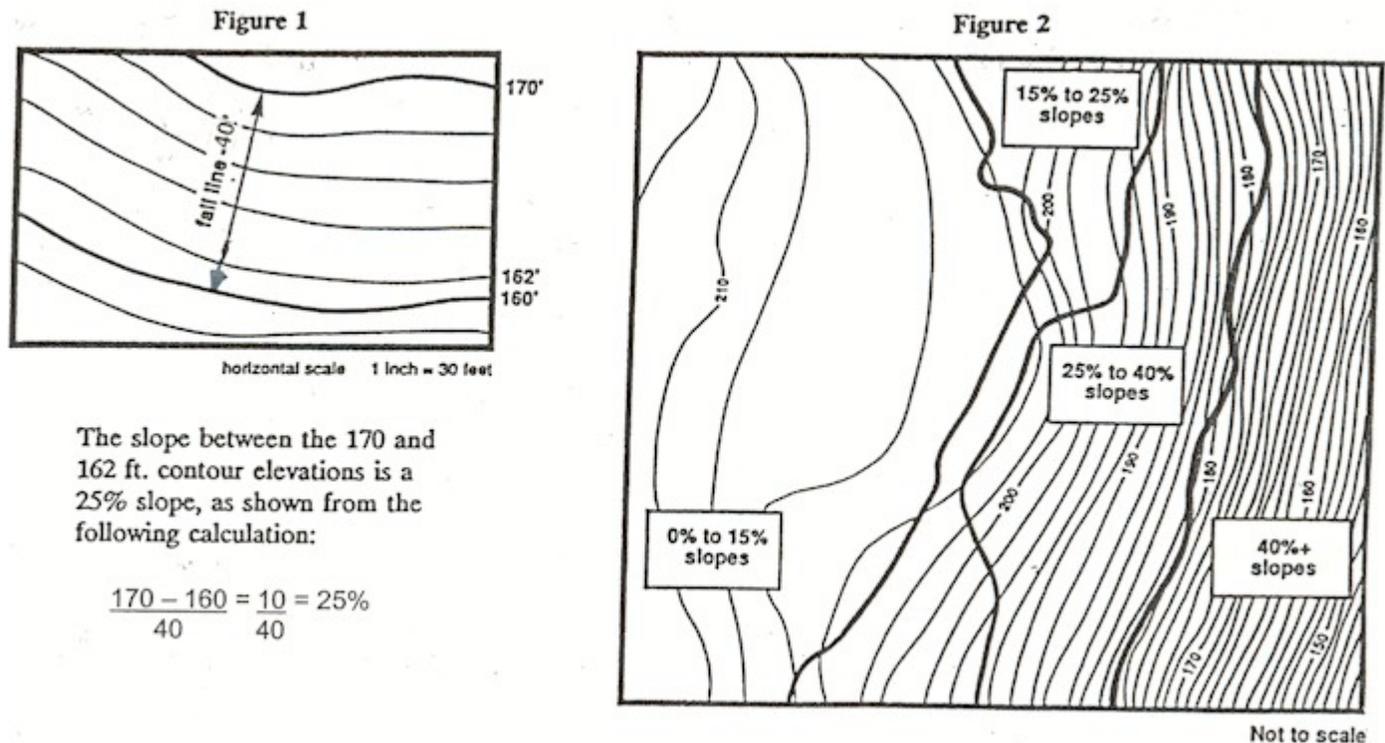
SLOPE CATEGORIES DRAWING

The City may require additional information as needed. If you have any questions concerning your application submittal, please visit or call the Permit Center (425-452-6864) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Our TTY number is 425-452-4636.

The City of Bellevue requires that slope be measured in percent rather than in degrees. Slope percent is often defined as "rise divided by run," or the ratio of vertical grade change (the elevation change) to horizontal distance. In other words, it is the difference between two contour lines divided by the horizontal distance between them. The horizontal distance is measured along the fall line--that is, perpendicular to the contour lines.

There are 4 slope categories: 0 to 15%, 15 to 25%, 25 to 40%, and 40% or greater.

Figure 1 is a calculation of the percent of slope. **Figure 2** is an illustration of a Slope Categories Drawing.



Identify the slope categories on your site by identifying the boundaries of the four slope categories, based on the topographic survey and the method explained below:

- The drawing showing slope categories should not depict any proposed work.
- Identify all slope categories with an area 1000 square feet or greater. Include those categories with an area less than 1000 square feet with the surrounding slope categories. However, please note that an area

(OVER)

of any size with a slope of 100% or greater and with a vertical grade change of 8 feet or greater must be identified as a 40% or greater slope.

- To divide the slope into the different categories, first identify slopes of 40% or more. This is done by checking the slope on those sections of the property where the topographic lines are closest together. The boundaries of this category are usually easily identified by noting an obvious break in topography, i.e., where the spacing between the contour lines changes.

If there is no obvious topographic break, check the slope between successive 8-foot vertical elevation changes.

The Department of Planning & Community Development may require that the top of a slope 40% or greater be flagged in the field for verification by the City.

- Identify the top of any 40% slope.
- Next, identify any 0 to 15% slopes; check the slope on the portions of the property where the contour lines are spaced farthest apart. Again, boundaries of this category are usually easy to identify by noting an obvious change in the topography. If there is no obvious topographic break, check the slope between successive 8-foot vertical elevation changes. If there is an obvious break, check the slope above and below it.
- Identify the remaining categories using a similar method.
- All calculations of disturbance limits must be included on slope categories plan per LUC section 20.25.H.110.D.