

2. Regardless of the distribution method used, the drainfield trenches should follow the natural contour of the land surface.
3. In consideration of safety and plumb trench sidewalls, hand excavation of trenches may be necessary.
4. Figure 4-47 illustrates the relationship between the site's vertical drop and horizontal run.

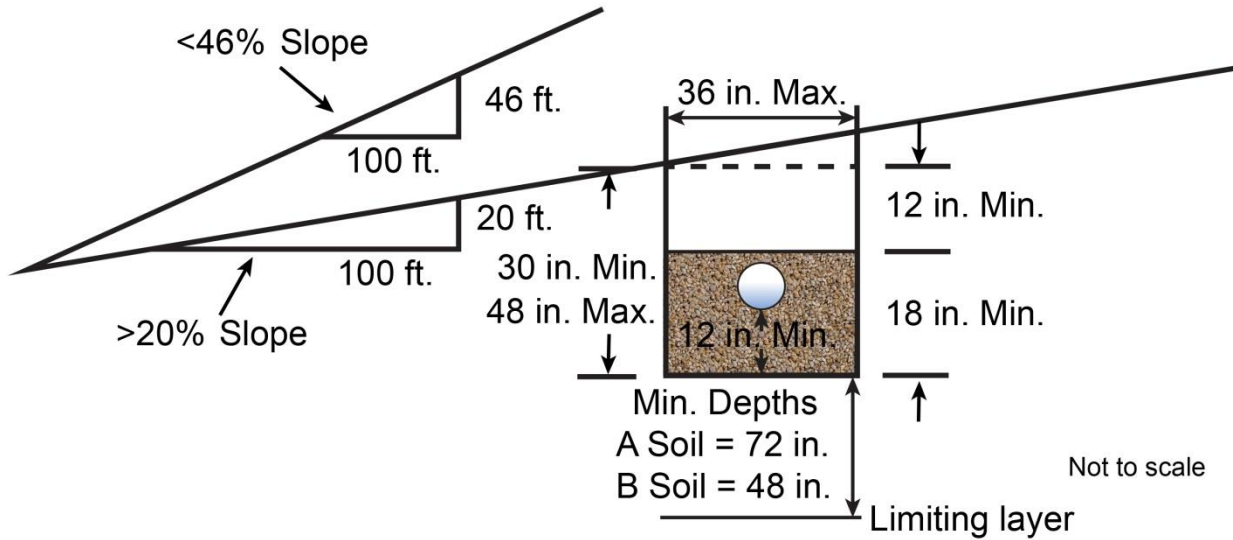


Figure 4-47. Illustration of a steep slope trench with an example of maximum and minimum slope.

Equation 4-16 shows the calculation for determining a site's percent slope.

$$\frac{\text{Elevation Difference from Uphill Point to Downhill Point (Rise)}}{\text{Length Between Uphill and Downhill Point (Run)}} \times 100$$

Equation 4-16. Percent slope of a site.