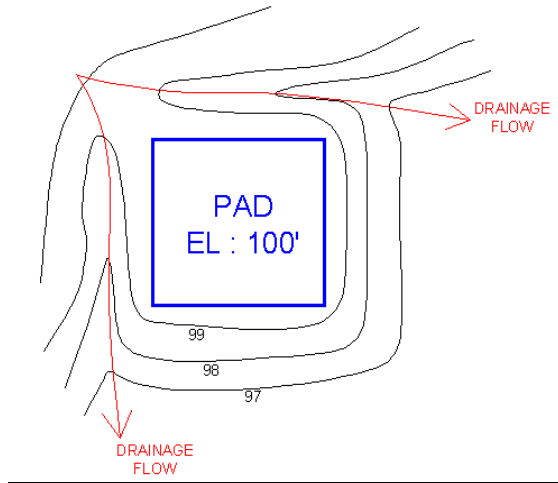


Scenarios:

1. Flat Pad:

Bring next lowest elevation around and create swales on both sides – Regrade all around.

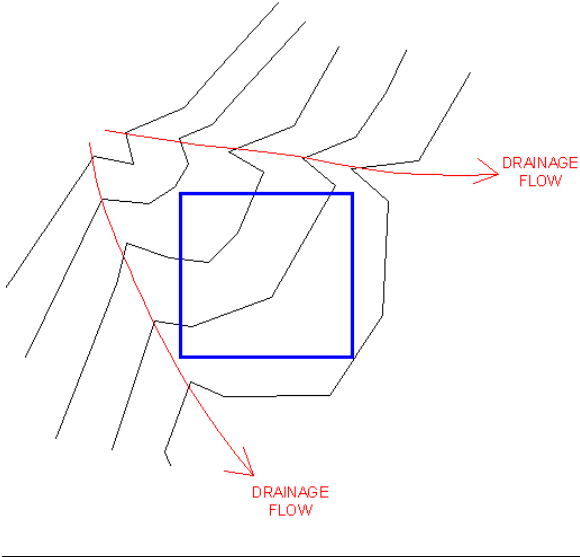
- Use circles to check distances
- Look at contour intervals 1, 2, or 5' typ.
- Don't forget to check $\frac{1}{2}$ slope between pad and 1st contour line.



2. Sloped Pad:

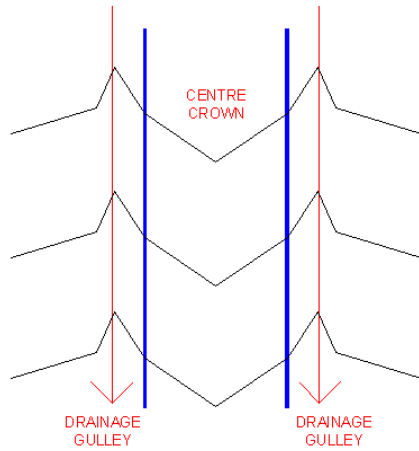
Create gulleys around.

Double V at top above pad.



3. Road:

Usually crown in middles with gulleys at sides.
Even intervals to contours (spacing).



Slope and Checking:

1 foot contour intervals:

$$25\% \text{ slope} = \frac{25}{100} = \frac{1}{4} = 4$$

- Draw a circle with 4' radius to check.

$$20\% \text{ slope} = \frac{20}{100} = \frac{1}{5} = 5$$

- Draw a circle with 5' radius to check.

2 foot contour intervals:

$$25\% \text{ slope} = \frac{25}{100} = \frac{1}{4} = 4 \times 2 = 8$$

- Draw a circle with 8' radius to check.

$$20\% \text{ slope} = \frac{20}{100} = \frac{1}{5} = 5 \times 2 = 10$$

- Draw a circle with 10' radius to check.

1/2 foot contour intervals:

$$20\% \text{ slope} = \frac{20}{100} = \frac{1}{5} = 5 \times .5 = 2.5'$$

- Draw a circle with 2' 6" radius to check