Computation of Grid Spacing

1. Compute the spacing of the elevation grid such that there is **no more than 1-foot contour elevation** change in each grid cell.

2. Consider the following survey data:

Side	Length (ft.)
AB	162.43
BC	101.51
CD	145.63
DA	89.43

Point	Elevation
A	97.64
B	98.24
C	105.21
D	100.00

3. To compute that spacing consider the slope along each edge of your site:

Side	Length (ft.)	$\lvert\Delta$Elevation$\rvert$	Grid Spacing
AB			
BC			
CD			
DA			

Determine the location all contours lines at 5-foot intervals within this grid cell. Each dotted line delineates 10 feet.