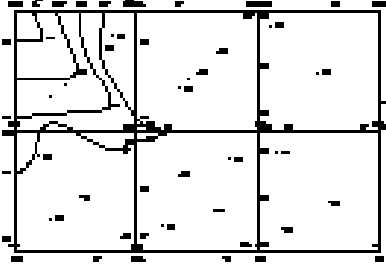
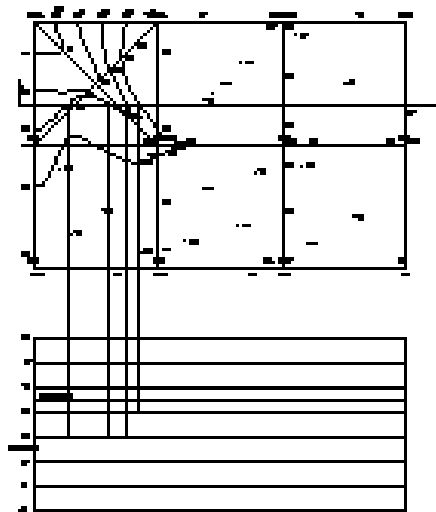


## MODULE D

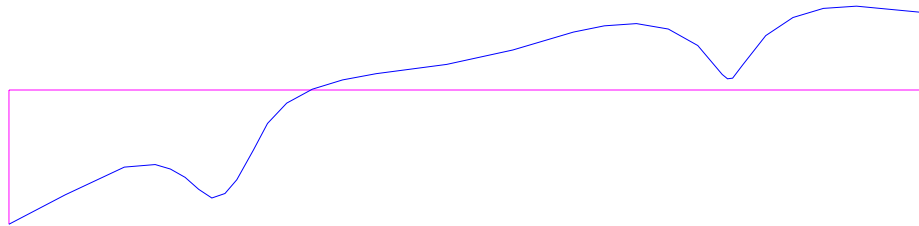
- Open drawing **DRAF-1270-contours.dwg** that you made in Module C
- Directly below the contour plan, draw lines 1 M apart vertically



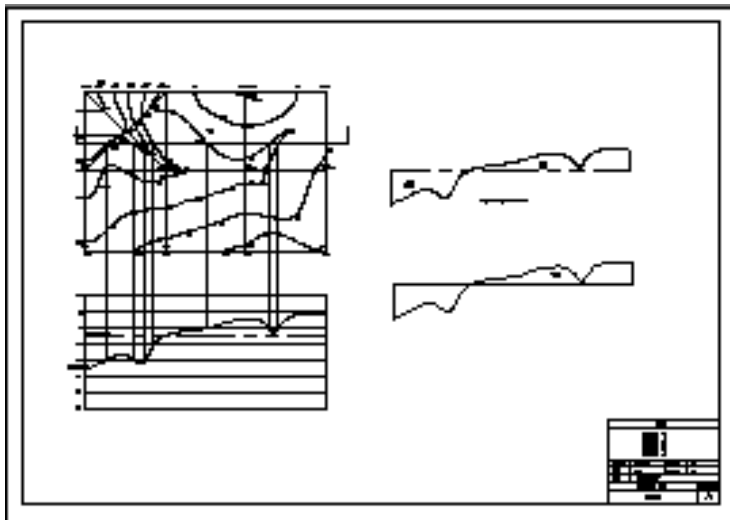
- Cut a profile at an interesting spot
- Plot the elevations on the elevation grid



- Set OSNAP to intersection and perpendicular
- Project lines down from where they cross a contour line to the appropriate level.
- Determine a new level **Proposed Grade: 105.5**
- Copy your existing and proposed grade



- Use the **BO** (boundary) command to make a boundary
- Move boundary off the profile
- Use **AREA** command with the **O** option (object) to determine area of cut and area of fill
- Divide : Cut/Fill to determine ratio (ideally 1.2)



- Use A3 Layout tab with viewport scale that fits well. In the SCALE area in the Title Block put **NTS** (Not to Scale)
- Hand in print to the instructor