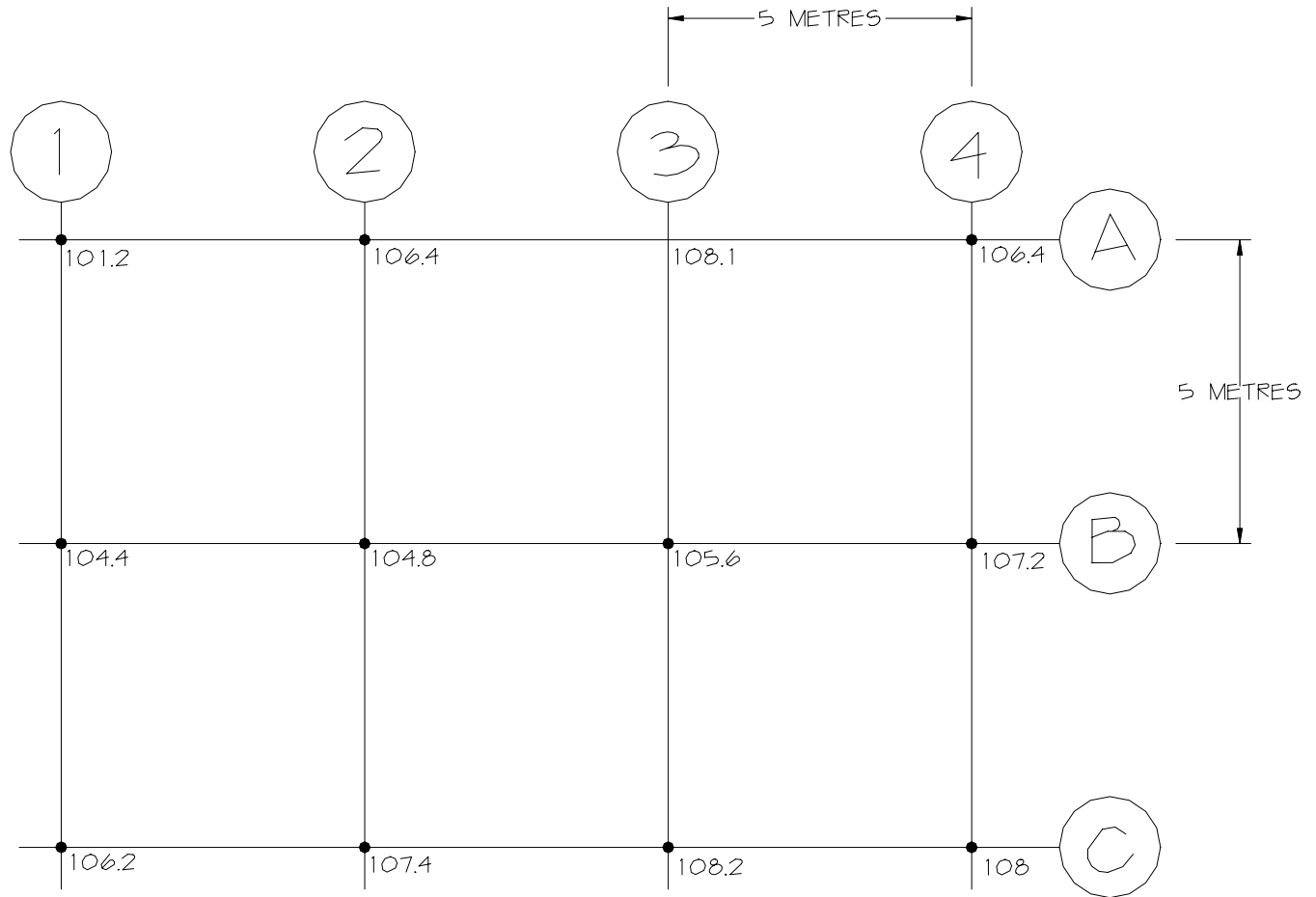


MODULE C

Use the following information to **interpolate** points for **interval** contours.
Then draw in **contour lines**.



NOTE: There is a larger version of this elevation map at the on page 3.
Use the map on page 3 to interpolate points by **hand-sketch** first.

Draw contours on CADD

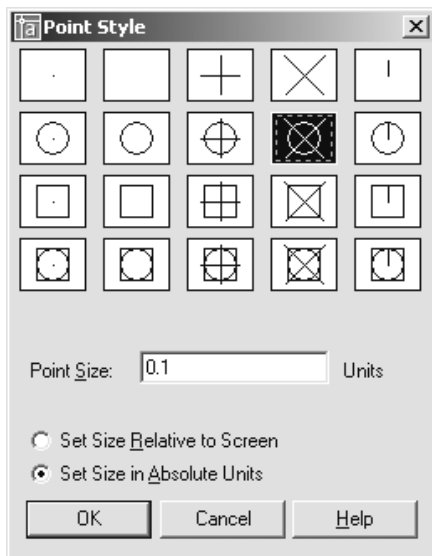
Start a NEW drawing FROM TEMPLATE –
(Use your metric template with Layout tabs for A0 – A1 – A2 – A3 – A4)

SAVE the drawing: DRAF-1270-contours.dwg

Create Layers

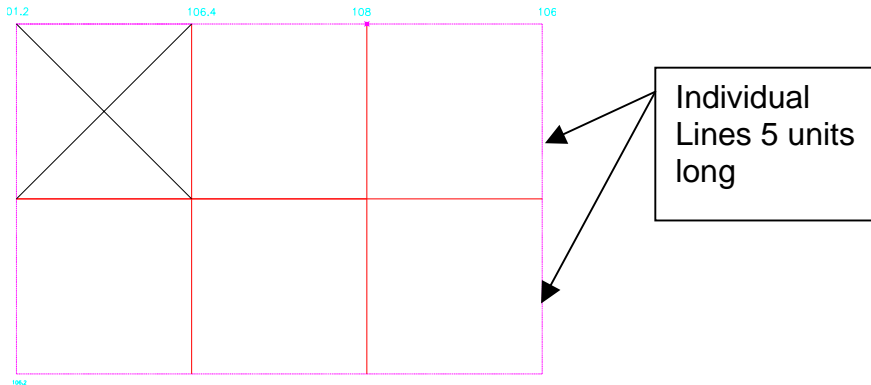
Layer Name	Colour	Linetype
Baylines	Red	Center
Property-lines	Magenta	Phantom2
Road-lines	White	Continuous
Contours	Red	Continuous
Hidden	Yellow	Hidden
Center	Red	Center
Hatch	Blue	Continuous
Reference	Blue	Continuous
Elevations	Green	Continuous
Text	Cyan	Continuous
Dimensions	Green	Continuous
Miscellaneous	Varies	Continuous
Grid	9	Continuous

Set POINT style using DDPTYPE



Draw the contour grid and indicate given elevations using text style N0

NOTE: each grid line must be drawn individually

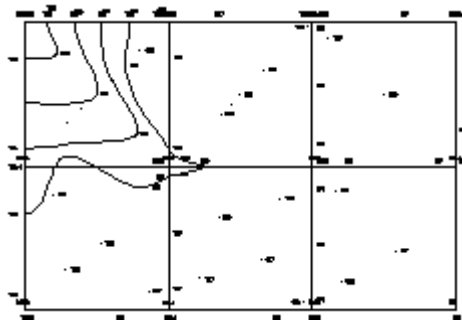


Subtract lower from higher elevation

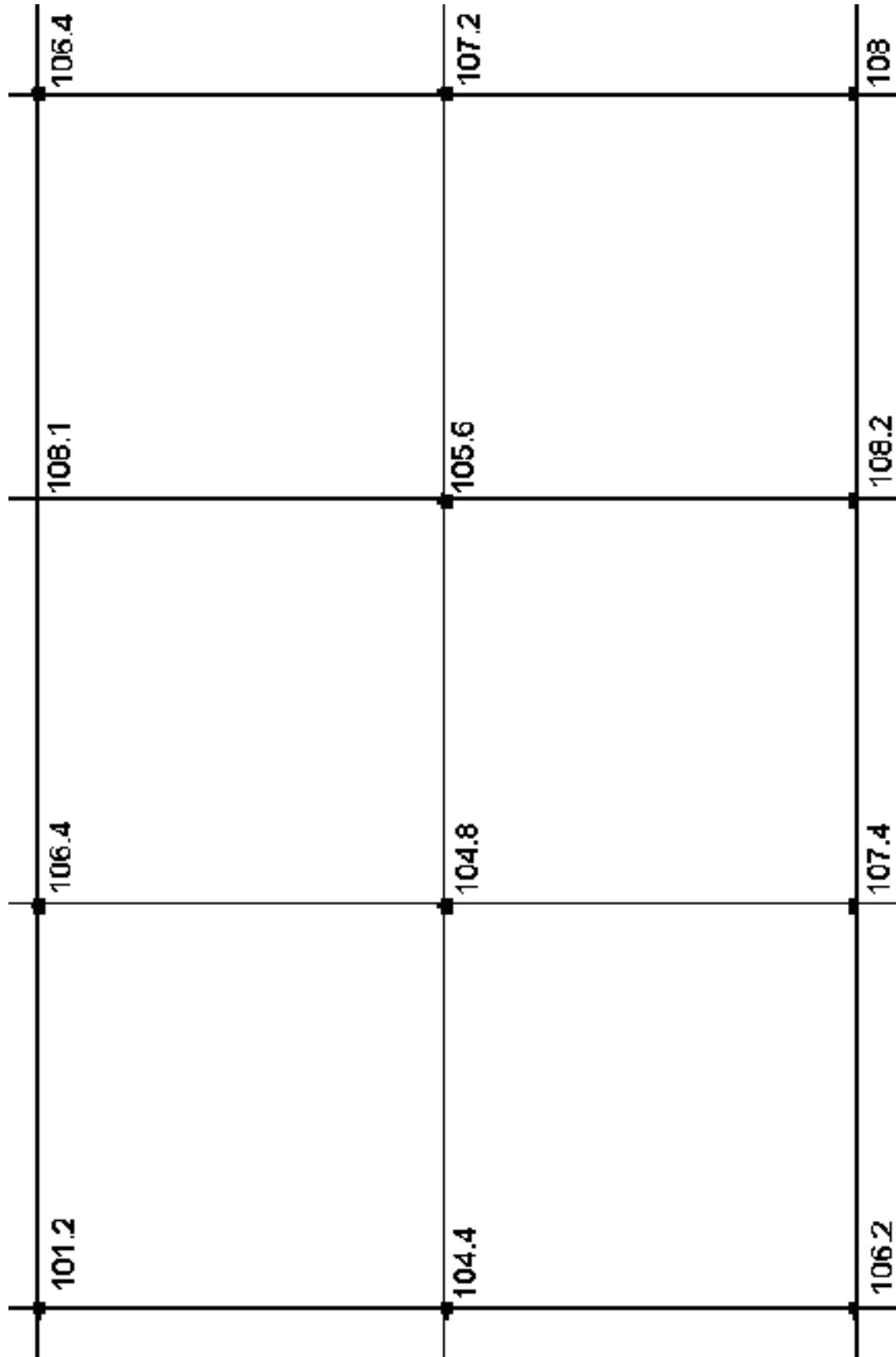
Example: From 1A to 2A

$$106.4 - 101.2 = 5.2 \text{ m} = 52 \text{ tenths}$$

- DIVIDE line into 52 points
- Set OSNAP to Node
- Mark a line at every round number (102, 103, 104 etc) and add text
- Continue dividing all lines and mark appropriately
- Use SPLINE with your OSNAP still set at Node to draw **contour lines** on layer "contours"



SAVE your drawing. You will use this drawing for the **Profile** exercise in Module D



Use this sheet to interpolate contour intervals by hand then hand-sketch in contour lines