

**Tutorial No. 8 (Manual Drafting)
(Perspective Projections)**

(Time: 4 Hours)

1. Draw 1-point perspective view from the orthographic projections of a component given in the figure 1 below.

[**Note:** Take Station Point (SP) 150mm below Picture Plane (PP) and 60mm towards right side of right most edge of top view. Also take Horizon Line (HL) and Ground Line (GL) at a distance of 40 mm and 130 mm from PP]

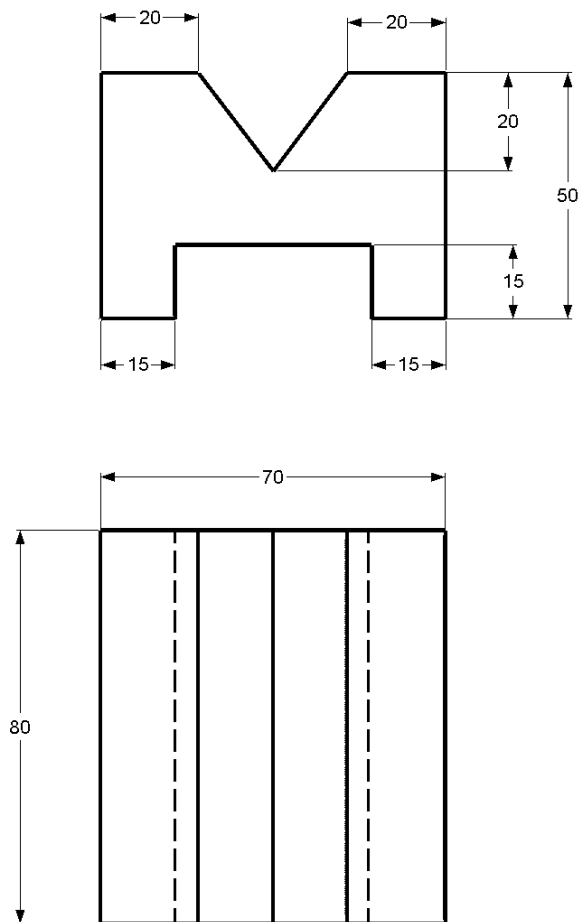


Fig: 1

2. Draw 2-point perspective view of the components for the given 1st angle orthographic projections shown in figure 1 and 2 below. All dimensions are in mm.

[**Note:** Take Station Point (SP) at 2W distance below Picture Plane (PP), where W is the diagonal width of top view. Also take Horizon Line (HL) and Ground Line (GL) at a distance of 25 mm and 130 mm from PP]

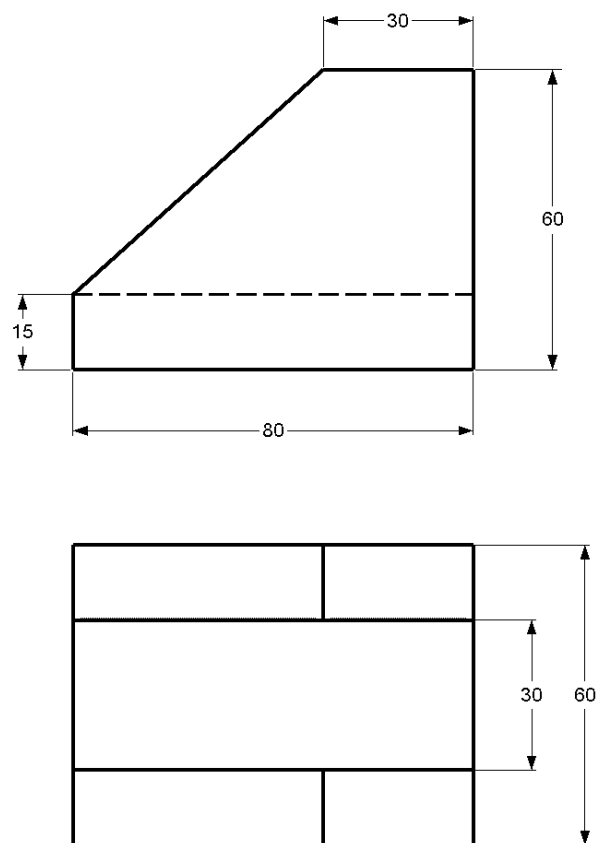


Fig: 2

3. Draw views in perspective for figure 3.

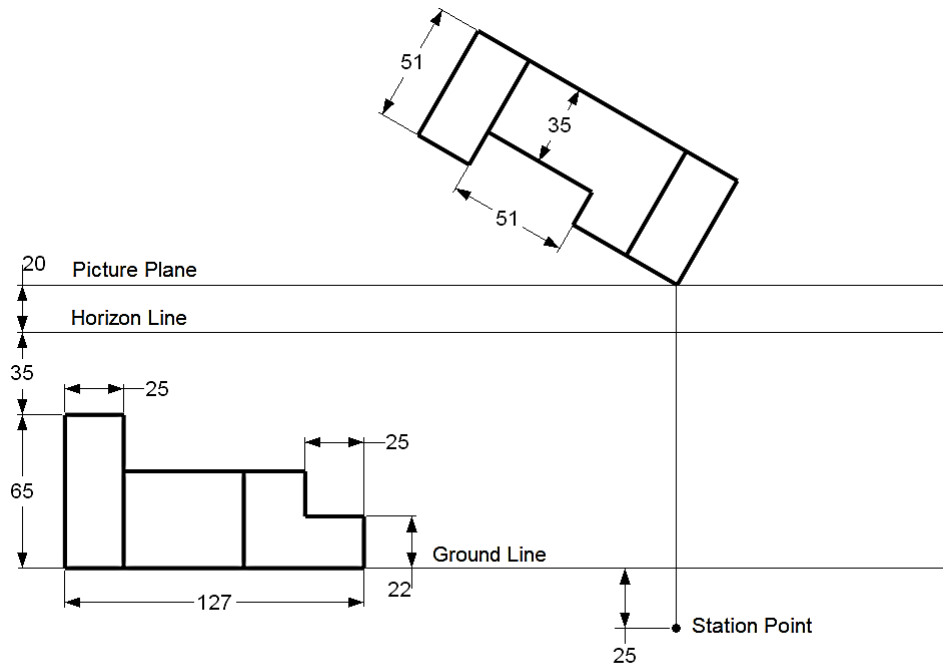


Fig. 3

4. Draw views in perspective for figure 4.

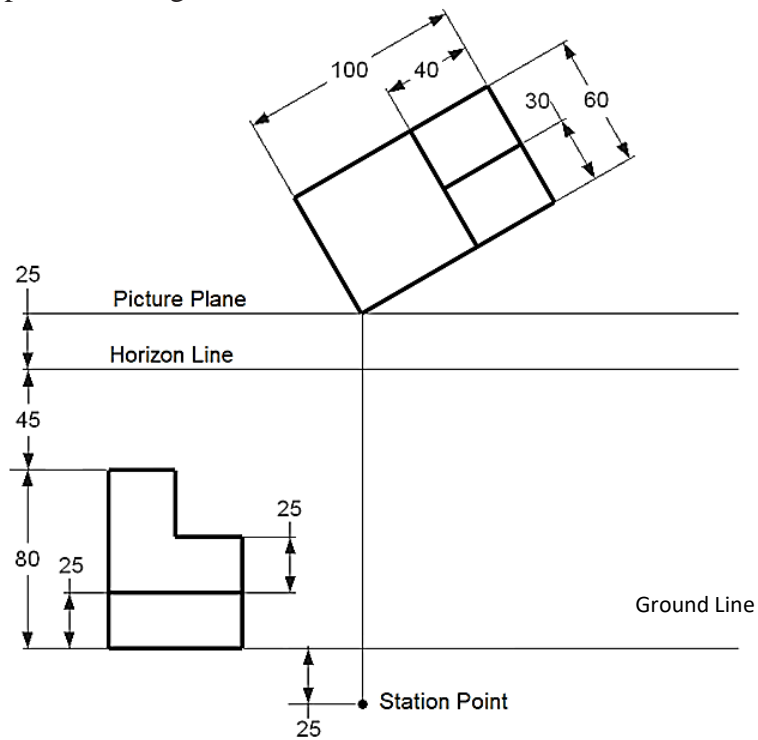


Fig. 4