

English Gothic Small Letters Fig. 2.15



Fig. 2.17.

**Problem 5.** Two views of an object are shown in orthographic projection. Draw its isometric view.



Front View (Elevation) Fig. 3.16. First, draw a to b portion of the elevation on the right-hand isometric axis and place bc (from plan) parallel to the left-hand isometric axis. Then, draw b to d portion of the elevation parallel to right-hand isometric axis. Chamfer the end and project all other lines. Lastly, place rectangular hole by the taking measurements from the plan and complete the figure with dimensions as shown in Fig. 3'17.



Fig. 3.17.

Fig. 3.37

**Problem 15.** The ground floor plan and first floor plan of a building are identical. The plan is shown in Fig. 3'36. No dimension has been shown. You are to draw the isometric view of the building by taking measurements from plan and assuming normal room height, parapet wall, dimensions of attic, slab thickness, cornice projection, heights of doors and windows, dimensions of step, etc. etc.



Plan of a Building Fig. 3.36.

The required isometric view is shown in Fig. 3'37.



3'16



Illustration showing the method of preparation of a two point perspective view from the orthographic views of a channel section. Follow the arroheads. Fig. 4.7.