

Q. Make 3D solid model whose orthographic views are in 3rd angle of projection given in figure below.

For the given model, spline curve can be obtained by using the following equations:

Starting from point A (0, 0):

$$\begin{aligned} X &= 0 & \text{for} & & 0 \leq Y \leq 85 \\ Y &= 85 & \text{for} & & 0 \leq X \leq 74 \\ 5X + 6Y &= 880 & \text{for} & & 74 \leq X \leq 104 \end{aligned}$$

