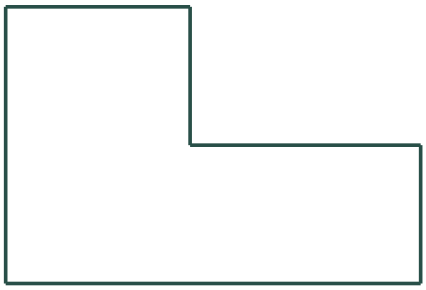
Draw Side View Orthographic Projection

Reference | View reference | LETTER



Given front view

Draw Side View Orthographic Projection

Reference I Worked example I LETTER

Original prompt

Draw a side-view construction plate for a stepped block whose front view is a rectangle with a step cut from the top-right corner.



Given front view

Right side

Answer

Front view: a rectangle with a step at the top-right. The selected block has constant depth. Its side view is a rectangle of that depth and full front-view height, with a solid internal horizontal edge at the step height; it is not an L silhouette. Horizontal guides carry the front-view heights across.

Reasoning

The front view supplies width and height, but a side view looks along width. It therefore shows height and selected depth, with the step height retained as an internal horizontal edge in a rectangular outline.

Check

Trace the horizontal top, step and bottom guides into the rectangular side view. Confirm the outer height and internal step edge sit on the matching guides and the chosen depth is constant.