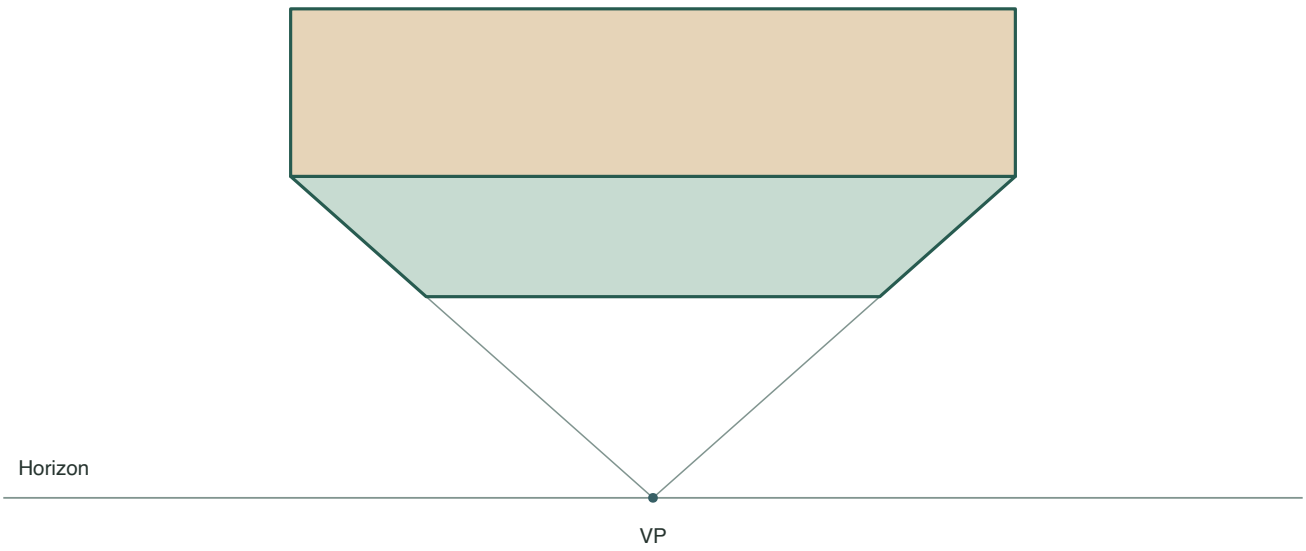
Draw Perspective from Below

Reference | Worked below view | LETTER

Original prompt

Draw a box seen from below with one vanishing point. Show a horizon below the box, a broad near underside edge above it, two depth edges descending from the near edge toward the point, a shorter far edge joining their endpoints, and upright vertical edges.



Green face: underside. Tan face: upright front.

Answer

A construction plate with the horizon below the box, a marked vanishing point on it, a broad horizontal near underside edge above the horizon, two depth edges descending from its endpoints to the point, a shorter horizontal far edge joining their far endpoints, closed underside faces, and upright vertical edges on the visible sides.

Reasoning

The underside is above the horizon because the viewpoint is below the object. In this level-view construction, only the horizontal depth edges recede toward the one point, so they descend on the page; the near and far transverse edges stay horizontal and the verticals stay upright.

Check

Extend both depth edges with a straight edge: they should meet at the marked point on the horizon below the object. Check that the far transverse edge is shorter and horizontal, and that the side-face verticals remain upright.