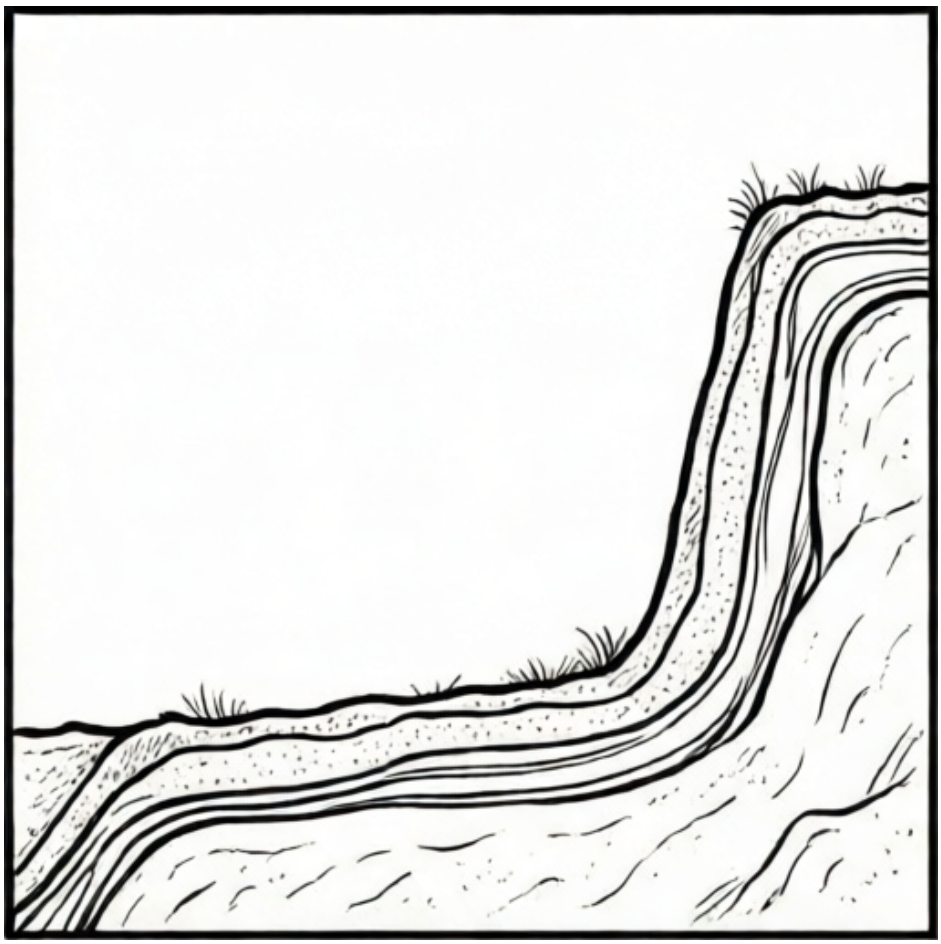
Contour Bunds Drawing: Earthwork Cross-Section Skills

Ordinary topic reference / separately checked pixels



Contour Bunds Drawing: Earthwork Cross-Section Skills

Original worked example / unchanged complete key

Prompt: Draw a contour bund cross-section with height 15 cm, berm width 25 cm, and 3:1 slopes. Use scale 1 cm = 5 cm (hypothetical). Label all features and show a check.

Answer: Horizontal run per side = 3 × 15 = 45 cm. Base width = 25 + 2 × 45 = 115 cm. At 1:5 scale, paper base = 115 ÷ 5 = 23 cm; berm = 5 cm; height = 3 cm; each run = 9 cm. Draw horizontal ground line, trapezoid with flat 5 cm berm, 3 cm height, 9 cm runs each side, label 3:1 slopes, 25 cm berm, 15 cm height, and state scale 1:5. Check: 5 + 9 + 9 = 23 cm drawn base.