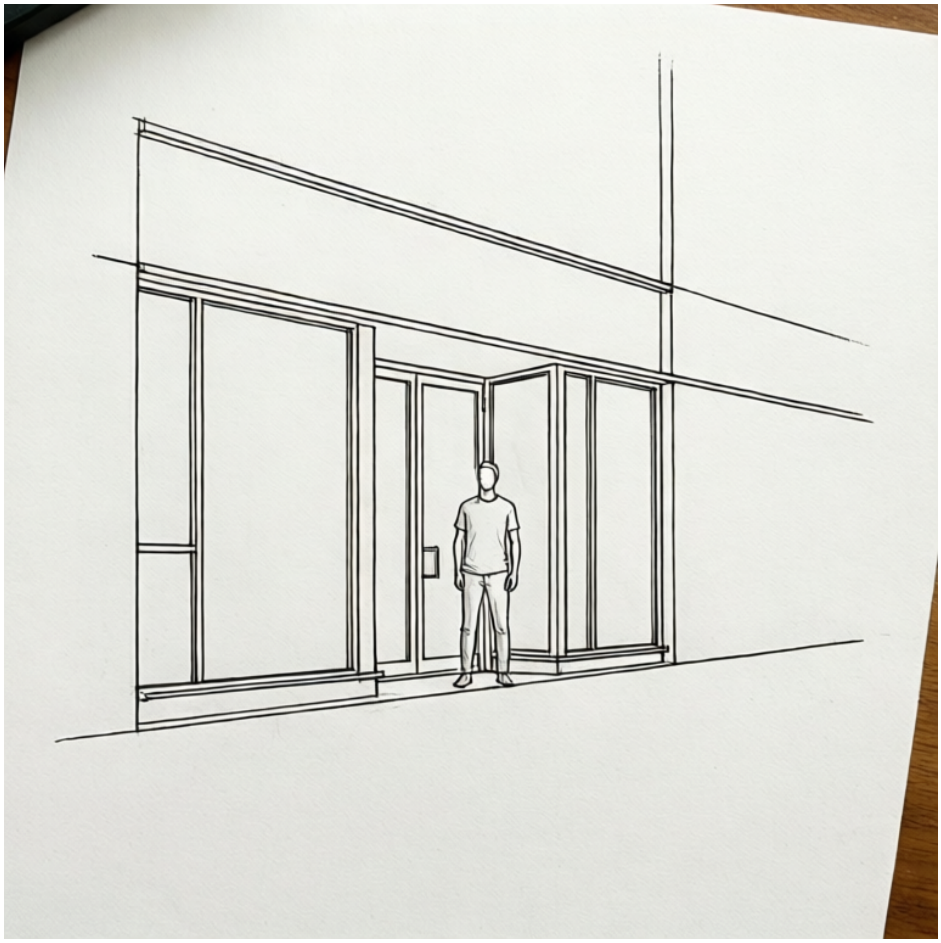
Scale Figures in Architectural Drawings: A Practical Guide

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

Scale Figures in Architectural Drawings: A Practical Guide

Worked example / complete source key

An elevation is drawn at 1:50. A door is measured as 4.0 cm tall on paper. A figure is drawn with a baseline-to-midline height of 3.4 cm. Is the figure proportionally correct for a hypothetical 1.7 m person if the door represents 2.0 m?

Answer: Yes. At 1:50, 1.7 m becomes 3.4 cm and 2.0 m becomes 4.0 cm. The figure is 3.4/4.0 = 0.85 of the door height, which matches the hypothetical ratio 1.7/2.0 = 0.85.