Planter Drawing: Pot Shape, Soil Line, and Plant Stems

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.

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Worked example / complete source key

A planter has a rim width of 10 cm and a base width of 6 cm. The soil line sits 2 cm below the rim. Three stems start on the soil line at 3 cm, 5 cm, and 7 cm from the left inner wall. Describe the taper check and the stem spacing check.

Answer: Taper difference is 10 minus 6 equals 4 cm, so each side tapers 2 cm. Stem starts at 3, 5, and 7 cm give gaps of 2 cm and 2 cm, which is even; to avoid a comb look, shift the middle stem to 4.5 cm so gaps become 1.5 cm and 2.5 cm. The soil line at 2 cm below the rim must touch both inner walls.

Reason: The taper check confirms symmetry by splitting the width difference evenly. The spacing check uses simple subtraction between stem positions and shows that uneven gaps read more naturally while all starts remain on the soil line.

Check: Measure rim and base widths, subtract, and divide by two. Measure stem start positions from the same inner wall and subtract consecutive values. Confirm the soil line's ends meet both inner walls.