Contour Drawing of a Museum Facade: A Line-Only Study

Original task 1 / independent drawing and calculation

Task 1

A facade reference shows a roofline 10 cm wide, three columns with centers at 1, 4, and 7 cm from the left edge, and an entrance 3 cm wide centered on the roofline. Treat the entrance as a U open at the facade base, with no threshold line visible. Draw the contour study with one line weight for all edges.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

Use this complete text reference on a 10 cm by 6 cm facade grid with 1 cm units: a straight roofline runs from (0,6) to (10,6); a centered entrance is a U-shaped outline with vertical sides at x=3.5 and x=6.5 from y=0 to y=4, joined by a top edge from (3.5,4) to (6.5,4). The U is intentionally open at the facade base, with no bottom edge or threshold. Draw a blind contour of only the roofline and entrance as two separate outlines, without looking at your paper. After uncovering it, name two edges that differ from the stated reference and redraw those edges slowly.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

A facade has a stepped roofline: left section 8 cm wide at height 6 cm, right section 4 cm wide at height 4 cm, with a vertical step between them. Draw the roofline contour and state your hidden-edge convention for the step.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

Draw a contour study of a facade with a 14 cm roofline, five columns with centers at 2, 4, 6, 8, and 10 cm from the left edge, and an entrance 1 cm wide centered on the roofline. Use a lighter line for columns and state one check you performed.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.