

SFSU -- Trogu -- DES 320 Drafting & Sketching for Design -- Fall 2025

Checklist of drawing issues for 1,2,3,4,5,6

August 28, 2025

Note: this is is not a comprehensive list; please consult with the instructor if you have any questions.

1 Title block & border (all drawings)

1. The margin (border) is too narrow or too wide (it must be 1/2 inch)
2. The border and/or title block is missing
3. Title block too narrow or too wide (high) -- (it must be 3/4 inch high)
4. Title block information must be in "print" (capital) letters, not cursive
5. Title block information is incomplete
6. The drawing number is missing
7. Title block and/or border lines must not be light. They must be same strength as the main drawing lines.
8. The drawing title can be shortened, but it should be accurate
9. The paper format must be 9x12, not 8.5x11
10. Do not cross the border lines at the corners of the sheet

2 Draw parallel lines

1. Only free-hand lines, don't use a ruler
2. Lines must be parallel, not converging/diverging

3 Draw cubes

1. Keep vertical lines in cube views parallel to the L/R sides of the drawing sheet
2. Do not draw perfect square views of a cube's face if other faces are visible
3. Do not use a straight edge in all cube free-hand drawings
4. Keep lines parallel (or slightly converging) in cube drawings; but always keep vertical lines parallel, even if the horizontal lines are slightly converging
5. In cube drawings, if the angle of one side line goes up, its length decreases

4 Draw cubes with cuts

1. See directions for #3 Draw cubes

5 Milk Carton orthographic

1. Views in orthographic of milk carton need to be logically arranged together
2. Views in orthographic of milk carton need to be aligned together
3. The "roof" lines should be straight and vertical (not tapered inwards) when milk carton is viewed from the side
4. Top and/or bottom views in milk carton orthographic should be square, not rectangles
5. All sides and front/back views are the same width since the top and the bottom views are square

6 Milk carton axonometric

1. Do not use a straight edge except for some finishing touches in milk carton if desired; draw all lines free-hand
2. In the gray-painted sample used in class, the entire milk carton including the "roof" but excluding the seal at top, is inscribed within a cubic shape. The "roof" is one third the height of this cube.