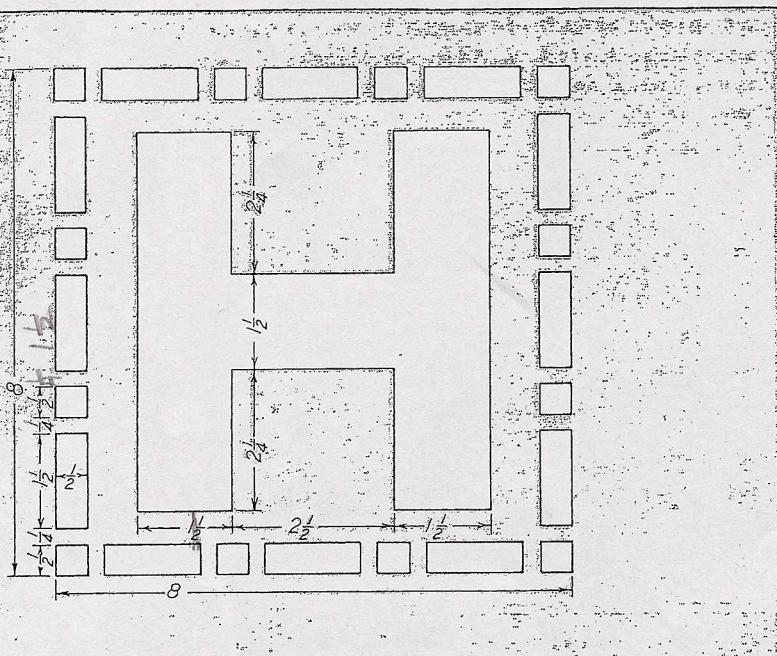


THE USE AND CARE OF DRAFTING EQUIPMENT



3-65. Order of working for drawing the stencil.

3-65. Make a drawing of the oil shown in Fig. 3-65. This drawing is practice in accurate measuring, the scale and making neat corners and short lines. The construction shown in the order of working should be drawn lightly with a well-sharpened 3H or pencil.

On an 11×17 in. (B-size) drawing sheet, lay out a working space 15" wide and $10\frac{1}{2}$ " high. Find the center of this space by laying the T-square blade face down across the opposite corners and drawing short lines where the diagonals intersect (space 1).

Through the center draw a horizontal centerline and on it measure and mark off points for the four vertical lines. The drawing will appear as in space 1.

3. Draw the vertical lines lightly with T-square and triangle. On the first vertical line, at the extreme left, measure and mark off points for all horizontal lines. The drawing will now appear as it does in space 2.
4. Draw the horizontal lines as finished lines. Measure points for the stencil border lines on the left side and bottom. The drawing will now appear as in space 3.
5. Draw the border lines. On the lower and left-hand border lines, measure the points for the ties.
6. Complete the border by drawing the cross lines as finished lines and darkening the other lines as in space 4.
7. Darken the vertical lines and finish as in space 5.
8. Fill in the title block.

