Experiment 2: Modifying 2D Drawings and Organizing with Layers

Objective:

To modify 2D drawings using commands such as Move, Copy, Rotate, Scale, Trim, and to organize them using layers.

Software/Tools Required:

- AutoCAD
- Laptop/PC

Theory:

Provide theoretical background relevant to the task, including commands and standards.

Procedure:

1. Begin with a drawing from Experiment 1.
2. Apply modify tools: move, copy, mirror, trim, extend, scale, rotate.
3. Open the layer manager, create at least three layers (ex: Walls, Windows, Annotations).
4. Assign objects to appropriate layers and change layer properties (color, linetype).
5. Save as "Modified_2D_with_Layers.dwg".

Results:

Attach a printout of the completed drawing here.

Conclusion:

Summarize the skills learned and their applications in civil engineering.