

Exercise 24-4

1. Continue from Exercise 24-3 or start AutoCAD.
2. Open the EX24-2 file you saved during Exercise 24-2.
3. Save a copy of EX24-2 as EX24-4a. The EX24-4a file should be active.
4. Create a Red layer with the color red and set it current.
5. Draw a 6×4 rectangle. Insert two of the CIRCLE blocks into the rectangle, both one unit in diameter. Make a new block of this drawing and name it PLATE-2.
6. Erase all objects in the drawing and set layer 0 current. Insert the PLATE-1 and PLATE-2 blocks.
7. The PLATE-2 block should appear red because it was created on the Red layer. The PLATE-1 block should be black (the color of layer 0).
8. Set the Red layer current and insert the PLATE-1 block. It should appear red because it was created on layer 0 and assumes the color of the layer on which it is inserted.
9. Enter the **BASE** command. Select an insertion point below and to the left of the objects on screen.
10. Resave and close the file.
11. Start a new drawing. Save the drawing as EX24-4b.
12. Insert drawing EX24-4a into the new drawing. The insertion point for the drawing was established using the **BASE** command.
13. Select a line on one of the plate blocks. The entire drawing should highlight because the drawing is actually one large block.
14. Resave and close the file.
15. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.