



**CMCE** New York City College of Technology

Construction Management & Civil Engineering Technology

**CMCE 1110 – CONSTRUCTION DRAWING I**  
**Instructor: Prof. Anderson**

**Drawing #4 Orthographic Projection**

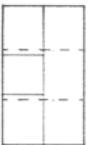
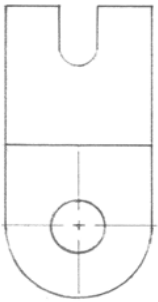
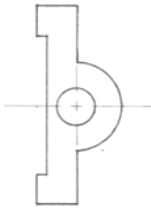
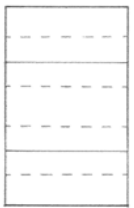
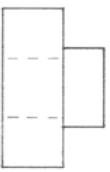
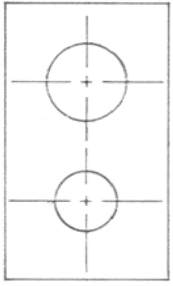
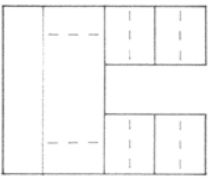
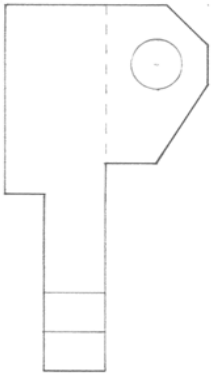
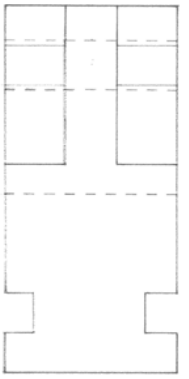
On a properly formatted & bordered 18" x 24" piece of drafting vellum (with proper title block in the lower right corner), you are to construct a series of 4 exercises using orthographic projection techniques.

- First, construct a guide box for each exercise. To do this you will evenly divide the 18" x 24" piece of drafting vellum into 4 even quadrants. Each guide box will be outlined by a dark double border line.
- In each guide box, you will take a given 3-dimensional object (which are specified on the handout) and, at 1"=1'-0" scale, orthographically project a:
  - Top "Plan" View
  - Right Side "Right Elevation" View
  - Front Side "Front Elevation" View

**Do not leave until the last minute, this assignment will take some time to complete!**

**Assignment Due Date:** \_\_\_\_\_





NEW YORK CITY COLLEGE OF TECHNOLOGY

SCALE : 1" = 1"

DATE DUE : 03-20-10

NAME : JEAN VILUS

ORTHOGRAPHIC PROJECTION

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