

Drafting

Text (supplied by YIHS):
“Architectural Graphics” by Francis D.K. Ching. – 5th ed.

PART 1 - DRAWING TOOLS AND MATERIALS

- 1.1 DRAWING TOOLS
- A. Pencils and leads.
 - B. Drawing guides and aids.

1.2 SCALES

- A. Architect’s
- B. Engineer’s
- C. Metric

PART 2 - ARCHITECTURAL DRAFTING

2.1 DRAWING LINES

- A. Line types.
- B. Line quality.

2.2 DRAFTING TECHNIQUES

- A. With T-Square.
- B. With angles.
- C. Angles and shapes.

PART 3 - ARCHITECTURAL DRAWING SYSTEMS

3.1 PICTORIAL SYSTEMS

- A. Multiview drawings.
- B. Paraline drawings.
- C. Perspective drawings

3.2 COMMUNICATING DESIGN IDEAS

- A. Point of view.
- B. Scale and detail.
- C. Design and construction drawings.

PART 4 - MULTIVIEW DRAWINGS

4.1 FLOOR PLANS

- A. Drawing a floor plan.
- B. Doors and windows
- C. Scale and detail.
- D. Ceiling plans

4.2 SITE PLANS

- A. Roof plan.
- B. Site topography.

4.3 BUILDING SECTIONS

- A. Section cut.
- B. Defining the section cut.
- C. Scale and detail.

4.4 BUILDING ELEVATIONS

- A. Arrangement and orientation.
- B. Scale and detail.
- C. Spatial depth cues.

PART 5 - PARALINE DRAWINGS

PART 6 - PERSPECTIVE DRAWING

Submitted: Gregory Splinter
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