

Mountlake Terrace High School

Drafting Technology

Unit 10:

Title: Auxiliary Views I

Unit Objectives:

The student will be able to:

1. Draw auxiliary views using current standards

Textbook: *Basic Technical Drawing* by Spencer

Chapter 12: Auxiliary Views

Reading Assignment: pp. 181-194: Thoroughly study every picture on the pages listed above and read each caption under each picture. Additionally read any sections necessary for clarification of any concept not fully understood through the pictures.

Plate 1:

p. 188 --> fig. 436-2: Auxiliary View Problems

NOTES: Draw a complete auxiliary view.
See p. 183, Fig. 424 for construction steps.
See p. 188, Fig. 435 for basic format
Be sure to fully dimension drawing.

Plate 2:

p. 188 --> fig. 436-15: Auxiliary View Problems

NOTES: Draw a complete auxiliary view.
See p. 183, Fig. 424 for construction steps.
See p. 188, Fig. 435 for basic format
Be sure to fully dimension drawing.

Plate 3:

p. 188 --> fig. 436-24: Auxiliary View Problems

NOTES: Draw a complete auxiliary view.
See p. 183, Fig. 424 for construction steps.
See p. 188, Fig. 435 for basic format
Be sure to fully dimension drawing.

Plate 4:

p. 191 --> fig. 439-1: Angle Guide

NOTES: Draw a partial auxiliary view.
See p. 183, Fig. 424 for construction steps.
See p. 188, Fig. 435 for basic format
Be sure to fully dimension drawing.