

Mountlake Terrace High School

Drafting Technology

Unit 8:

Title: Full Sections

Unit Objectives:

The student will be able to:

1. Draw full sections using current standards

Textbook: *Basic Technical Drawing* by Spencer

Chapter 11: Sectional Views

Reading Assignment: pp. 164-180: 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. 173 --> **Fig. 402: Mechanical Drawing - Full Section**

NOTES: Draw as shown but use our own title block.
Include 2 views and full dimensions
Include phantom line w. arrows each labeled "A"
Label section view as "Section AA" (ask me)
Remember NO hidden lines in a section view.

Plate 2:

p. 174 --> **Fig. 403-1: Cup - Full Section**

NOTES: See p. 173, Fig.402 for basic idea
Include 2 views and full dimensions
Include phantom line w. arrows each labeled "A"
Label section view as "Section AA" (ask me)
Remember NO hidden lines in a section view.

Plate 3:

p. 175 --> **Fig. 404-2: Bevel Washer - Full Section**

NOTES: See p. 173, Fig.402 for basic idea
Include 2 views and full dimensions
Include phantom line w. arrows each labeled "A"
Label section view as "Section AA" (ask me)
Remember NO hidden lines in a section view.

Plate 4:

p. 176 --> **Fig. 405-1: Shifter Block - Full Section**

NOTES: See p. 173, Fig.402 for basic idea
Include 2 views and full dimensions
Label section view as "Section AA" (ask me)
Remember NO hidden lines in a section view.