

Mountlake Terrace High School

Drafting Technology

Unit 9:

Title: Half Sections

Unit Objectives:

The student will be able to:

1. Draw half sections using current standards

Textbook: *Basic Technical Drawing* by Spencer

Chapter 11: Sectional Views

Reading Assignment: pp. 164-180: Thoroughly study very 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. 174 --> fig. 403-2: Sleeve - **Half Section**

NOTES: See p. 166, Fig. 384-c for basic idea.
Be sure to fully dimension drawing.

Plate 2:

p. 179 --> fig. 410: Packing Gland - **Half Section**

NOTES: See p. 166, Fig. 384-c for basic idea.
Be sure to fully dimension drawing.

Plate 3:

p. 179 --> fig. 412: Stuffing Box - **Half Section**

NOTES: See p. 166, Fig. 384-c for basic idea.
Be sure to fully dimension drawing.

Plate 4:

p. 174 --> fig. 403-9: Bearing - **Half Section**

NOTES: See p. 166, Fig. 384-c for basic idea.
Be sure to fully dimension drawing.