

# Mountlake Terrace High School

## Drafting Technology

### Unit 20:

**Title:** Architecture - Floor Plan Development

**Unit Objectives:**

The student will be able to:

1. Create architectural sketches.
2. demonstrate knowledge of floor plan development.

**Textbook:** *Architectural Drawing & Planning* (2nd Ed.) by Goodban & Hayslett

**Chapter 5:** Mechanical Steps In Planning

**Reading Assignment:** pp. 37-54: 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. 40 --> fig. 5-3: Traffic Diagram Preliminary Sketch -  
color pencil render

### Plate 2:

p. 41 --> fig. 5-4: Further development of preliminary -  
sketch

### Plate 3:

p. 41 --> fig. 5-5: One-line floor plan to scale -  
Please include bedroom doors

### Plate 4:

p. 42 --> fig. 5-6: Floor Plan Showing Wall Thickness -  
Be sure to use 6H guide lines for  
lettering.