

# Professional Certification Review Manual

## APPRENTICE DRAFTER

### ARCHITECTURAL

## Competency 4

### Architectural Lines-Lettering

### General Terminology

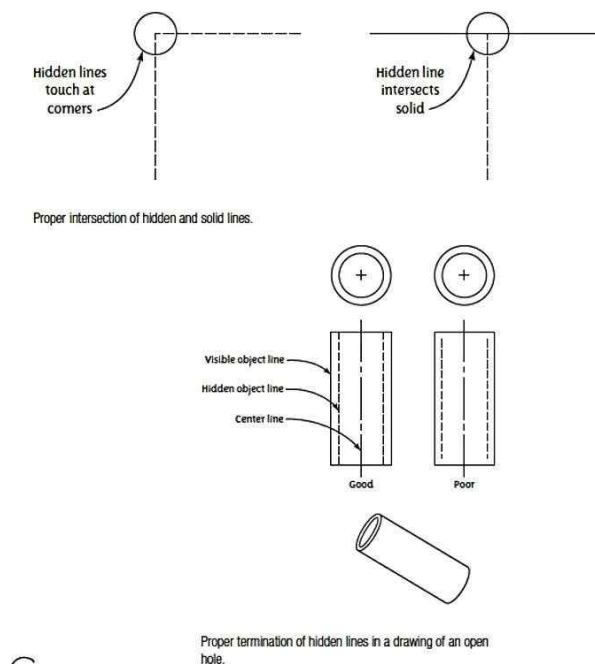
#### ITEMS TO REVIEW for COMPETENCY 4:

- Lines
  - Line types
  - Line weights
  - Line precedence (Hierarchy)
  - How to draw
- Notes
  - General
  - Local
  - Size
  - Location on drawing
- Details
  - Enlargement box
  - Locating and placing
  - Symbols

#### TERMS TO BE DEFINED OR IDENTIFIED for COMPETENCY 4

- Section symbol
- Detail callout
- Enlargement box
- Match lines
- Object line
- Structural grid system

Below you will find the proper intersection of hidden and solid lines as well as the proper termination of a hidden line in a drawing of an open hole.



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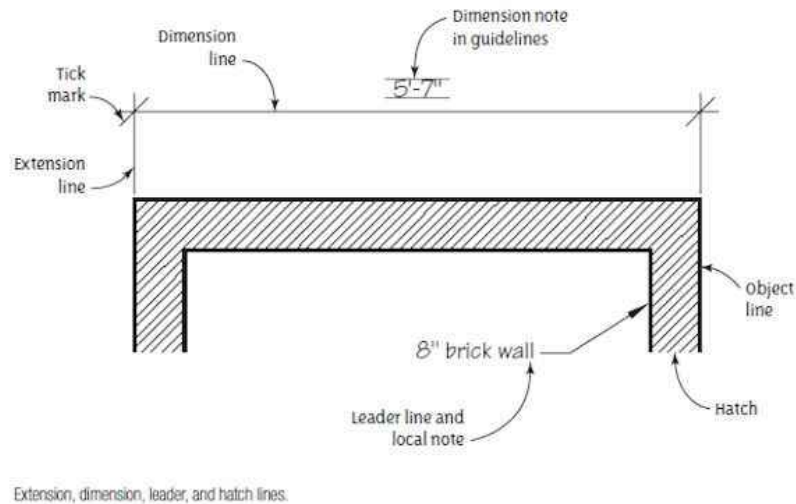
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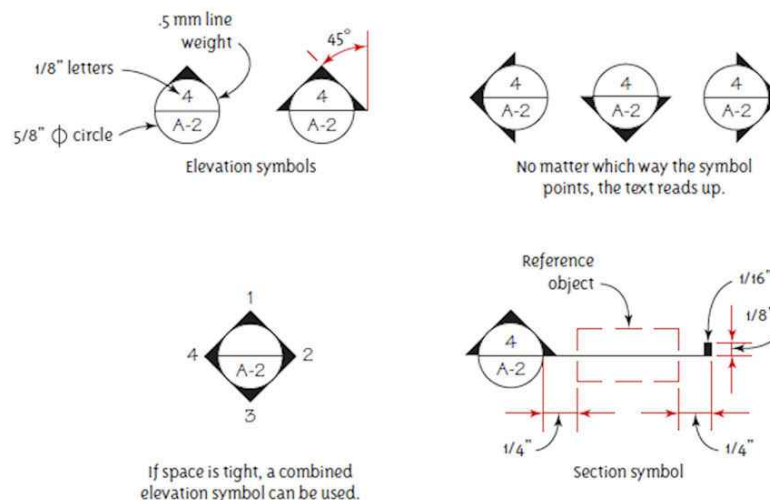
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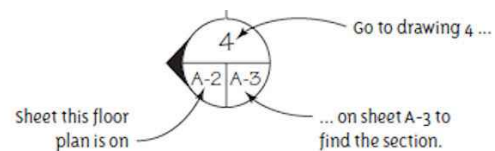
Below are examples of how extension lines, dimension lines and leader lines should look in an Architectural drawing.



Here are samples of section symbols. These will be at the ends of section lines.



Proper orientation of lettering inside section and elevation symbols.



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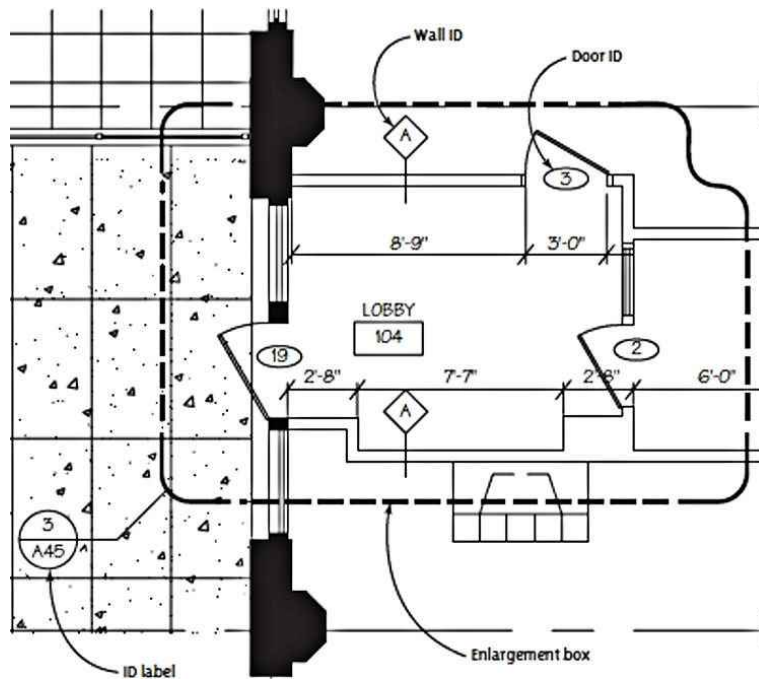
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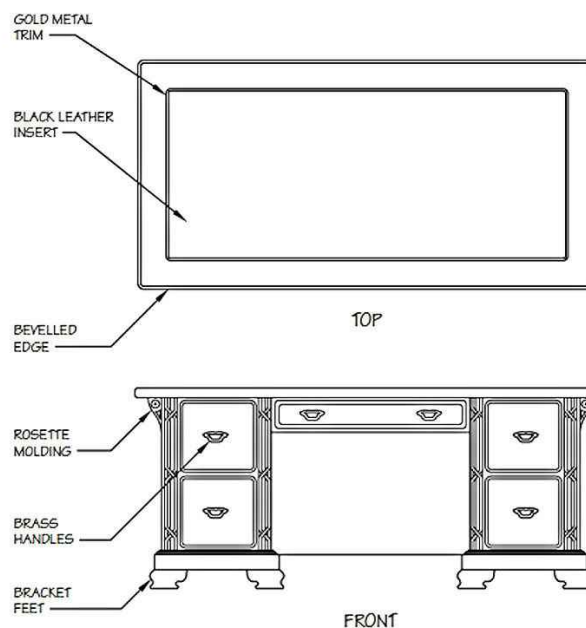
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A typical enlargement box (detail call out box) would look as shown below.



Notes are very important on an Architectural drawing. When done properly, they look very neat and organized. Below is an example well placed notes and leader line.



**REVIEW QUESTIONS:**

1. Different line weights in a drawing are not required because it would confuse the drawing.
  - a. T
  - b. F
2. Hidden lines should never touch each or any other line at any time.
  - a. T
  - b. F
3. An enlargement box is used to:
  - a. Show where a close-up is needed
  - b. Enlarges the drawing sheet
  - c. Indicate unneeded lines
  - d. None of the above
4. You should use as many lines as possible to describe an object.
  - a. T
  - b. F
5. Local notes and General notes are the same thing.
  - a. T
  - b. F
6. What type of grid system is used to lay out architectural drawings?
  - a. Survey
  - b. Plot
  - c. Structural
  - d. Plan
7. Notes should always be center justified.
  - a. T
  - b. F