

# Professional Certification Review Manual

## APPRENTICE DRAFTER

### ARCHITECTURAL

## Competency 16

### Sections & Stairs

#### Identification-Terminology

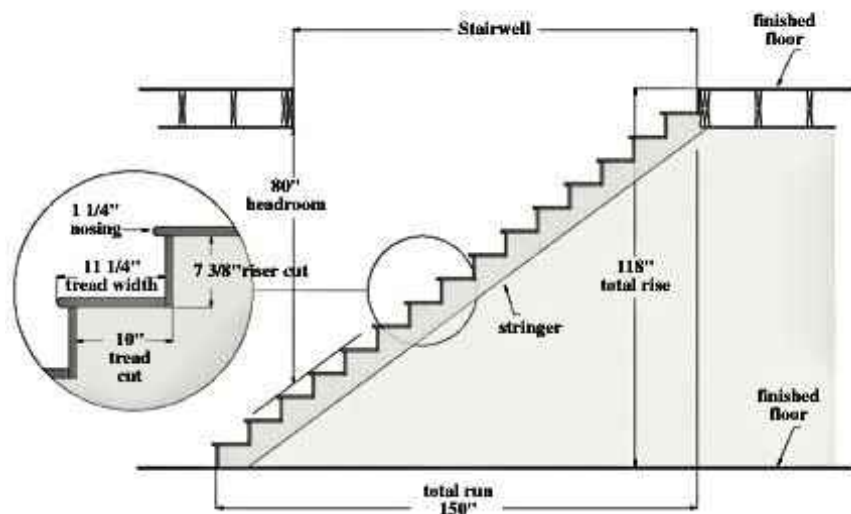
#### ITEMS TO REVIEW for COMPETENCY16:

- Stair components
- Tread sizes
- Riser sizes
- Tread to riser ratio
- Stair type identification
- Direction indicators
- Creating sections
- Section types
- Types of construction sections
- Typical scales for sections
- Items shown in section
- Hand rail requirements and parts

#### TERMS TO BE DEFINED OR IDENTIFIED for COMPETENCY16:

- Run
- Rise
- Stringer
- Tread
- Riser
- L-shaped stairs
- Straight run stairs
- Landing
- Transverse section
- Longitudinal section
- Section line
- Full section
- Partial section
- Detail
- Line of sight

Below is an example that shows the correlation of terms to their usage.



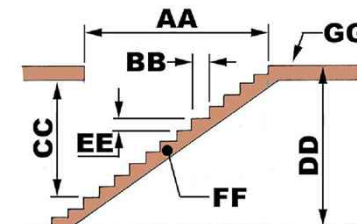
**REVIEW QUESTIONS**

1. The direction of the stairs is indicated with text and arrows on a plan view.
  - a. T
  - b. F
2. The support for the treads is called:
  - a. Riser
  - b. Tread hanger
  - c. Stringer
  - d. Kick block
3. Identify the stair type
  - a. Double L
  - b. U-shape
  - c. L-shape
  - d. Double landing



4. Identify item "FF"

- a. Stringer
- b. Side lap
- c. Runner
- d. Double box



5. A 'section' cut through the narrow part of a plan would be called a:
  - a. Detail section
  - b. Full section
  - c. Transverse section
  - d. Longitudinal section

6. Details are considered:
  - a. A simple drawing
  - b. A construction section
  - c. Sparingly used
  - d. A floor plan
7. The direction you view an object would be called "line of sight".
  - a. T
  - b. F
8. Dimensions should never be used on section views.
  - a. T
  - b. F