

ITEMS TO REVIEW for COMPETENCY 12:

- Correlation between roof shape and floor plan
- Roof types and uses
- Identify concerns associated with roof framing plans
- Elements of a roof framing plan
 - Roof members
 - Add-ons
- Scale of a roof plan
- Drawing procedures for roof plans
- When to draw a roof framing plan

TERMS TO BE DEFINED OR IDENTIFIED for COMPETENCY 12:

- Slope
- Pitch
- Mansard
- Gable
- Shingles
- Hip
- Rafters
- Bearing wall
- A-frame
- Dormer

EXAMPLES OF ROOF FRAMING PLANS

Below are two examples of roof framing plans. One is more complicated than the other. The more complicated the roof, the need of a roof framing plan.

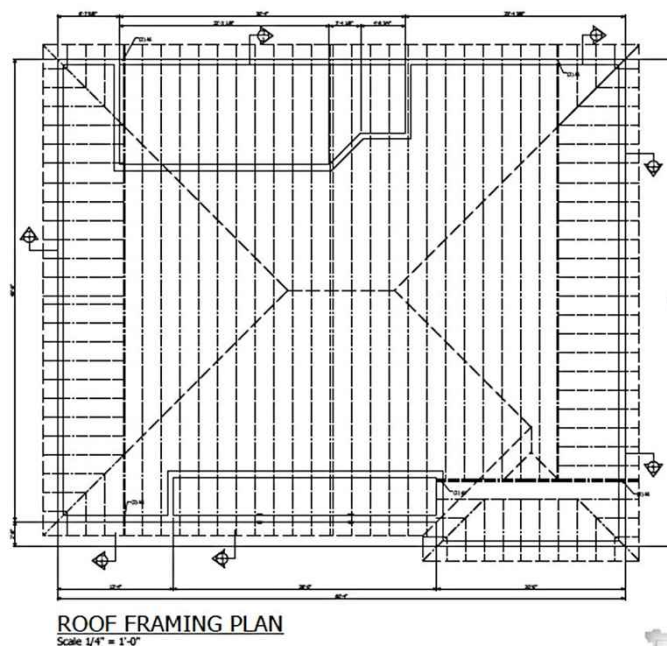


Figure 1: Simple Roof Framing Plan

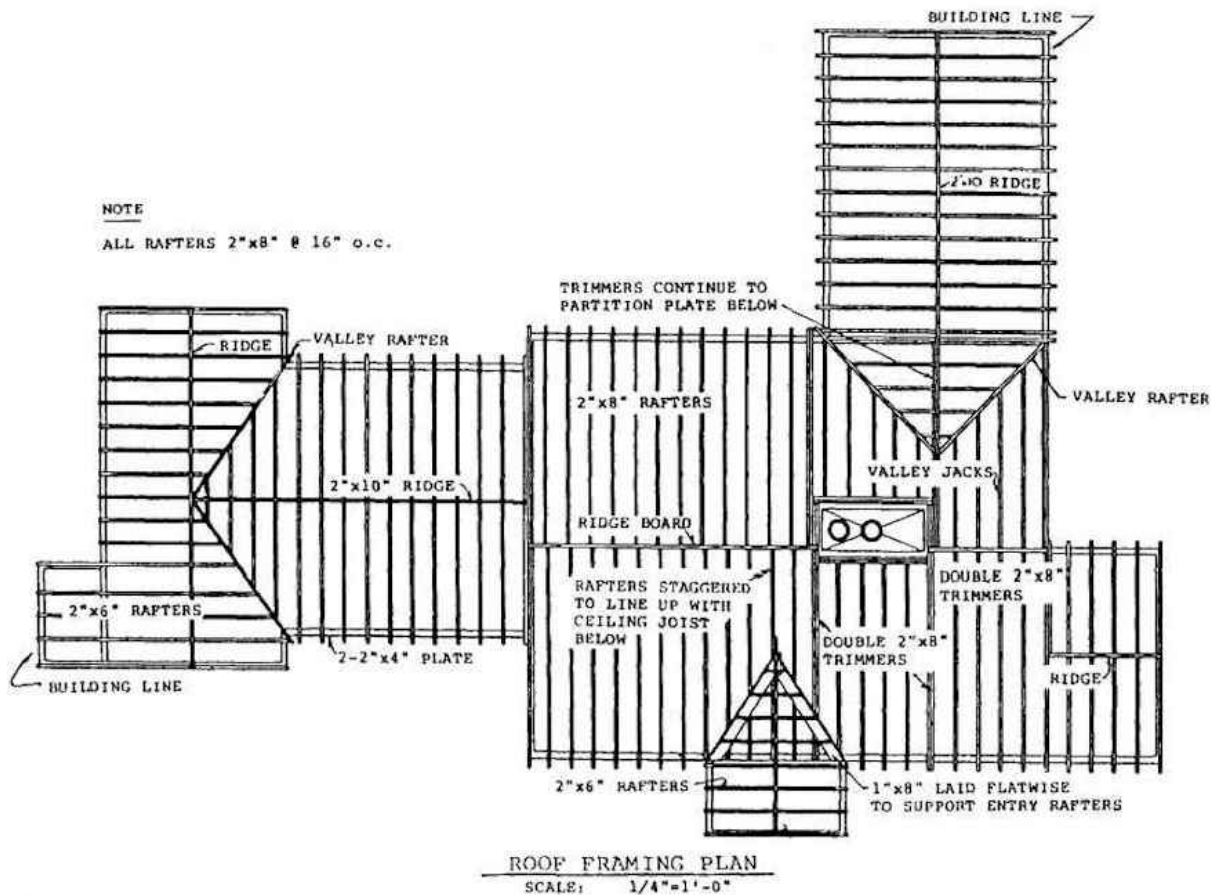


Figure 2: More complicated Roof Framing Plan

REVIEW QUESTIONS

1. The floor plan has no bearing on the shape of the roof.
 - a. T
 - b. F
2. The angle of the roof compared to the rise and run can be called the:
 - a. Pitch
 - b. Angle
 - c. Drop
 - d. Run

3. The most common roof type in residential construction is the:
 - a. Hip
 - b. Mansard
 - c. Gable
 - d. Shed
4. Fiberglass is one of the most common materials for shingles.
 - a. T
 - b. F
5. Composition shingles are commonly made from what materials?
6. What type of wall supports its own weight and possibly other structural elements?
7. Identify the roof type.
 - a. Mansard
 - b. Hip
 - c. Gambrel
 - d. Arched



8. Identify the item shown.
 - a. Valley
 - b. Dormer
 - c. Doghouse
 - d. Hip

