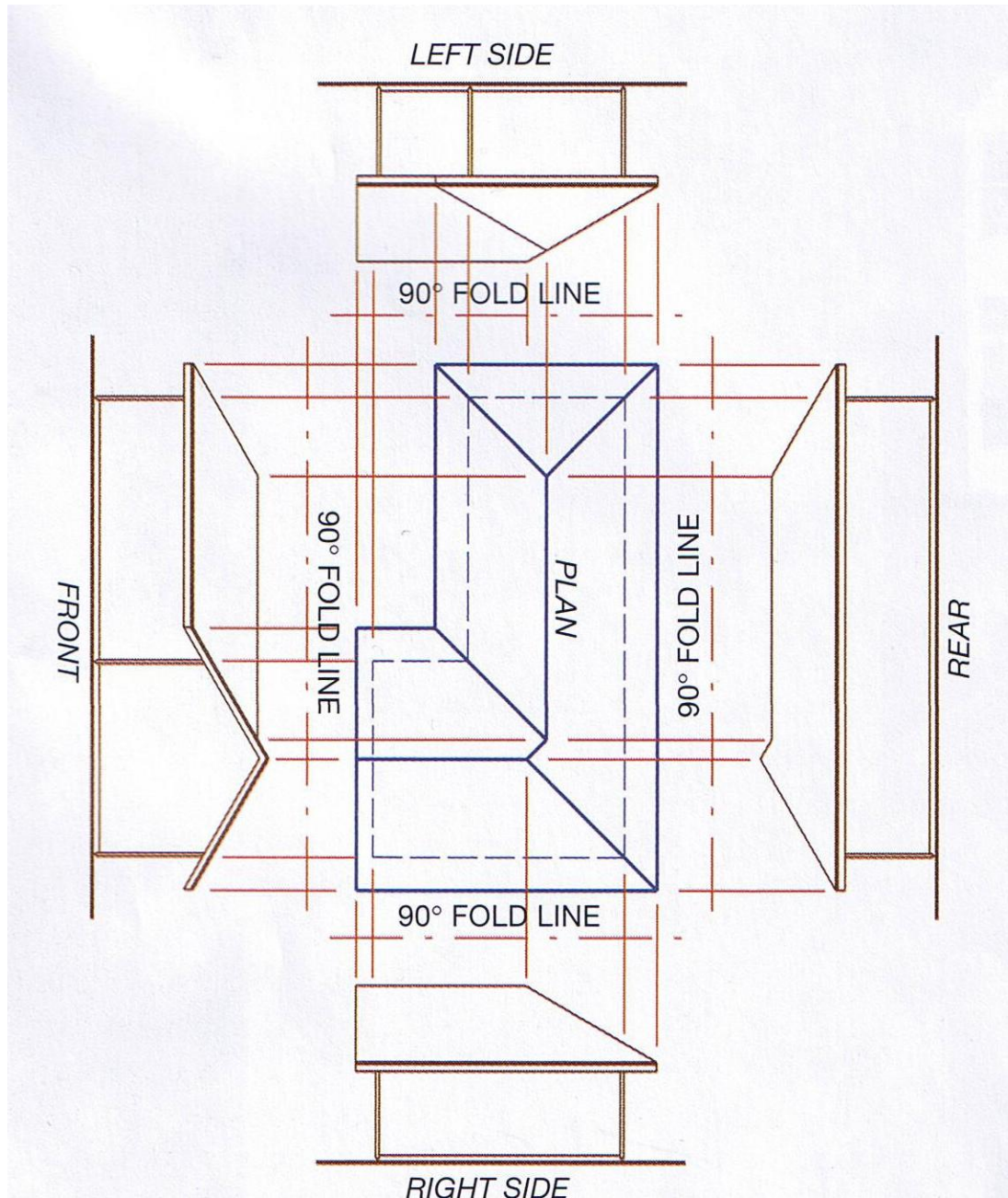


Elevations, Layout and Drawing Technique

Elevations, Layout and Drawing Technique

*The elevation plan shows all four sides of the house.



Elevations, Layout and Drawing Technique

*Views are placed above and below one another in an orthographic drawing.

The drawing consists of two main elevation views and a title block on the right. The top view is labeled '2 SOUTH ELEVATION' and shows a house with a two-car garage, a balcony, and a gabled roof. The bottom view is labeled '3 WEST ELEVATION' and shows the side profile of the house with a utility shed attached to the right. A north arrow is located in the upper right corner of the drawing area. The title block on the right contains the following information:

PROJECT INFORMATION

Project Name: *House Addition*
 Address: *12345 Main St, City, State*

CLIENT INFORMATION

Client Name	
Client Address	
Client Phone	
Client Email	

PROJECT TITLE

SOUTH & WEST ELEVATION

SCALE

1/4" = 1'-0"

DATE

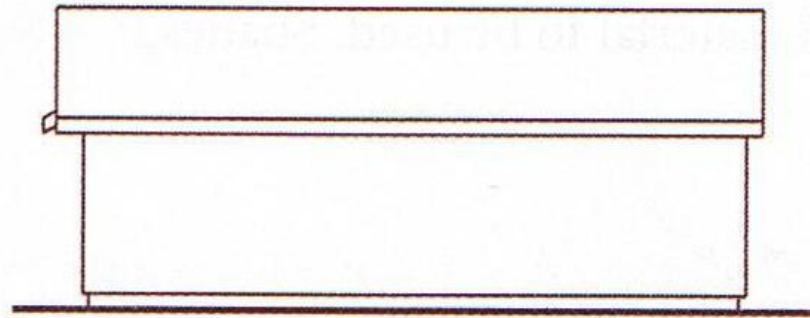
10/20/2023

PROJECT NUMBER

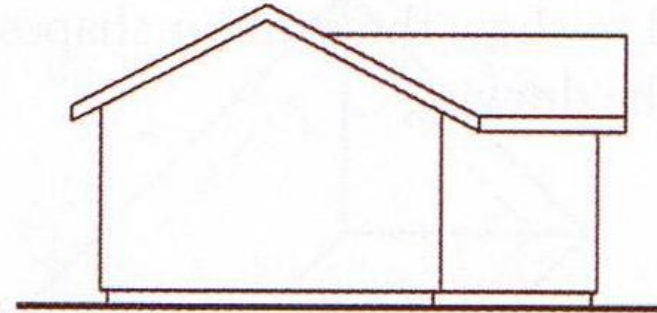
A-202

Elevations, Layout and Drawing Technique

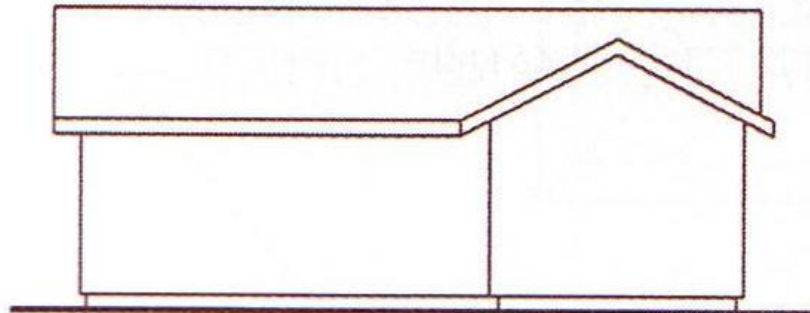
4 elevation views are normally required to show the features of a building.



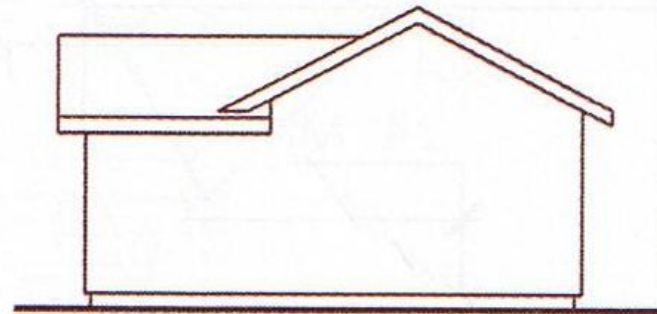
REAR



LEFT SIDE



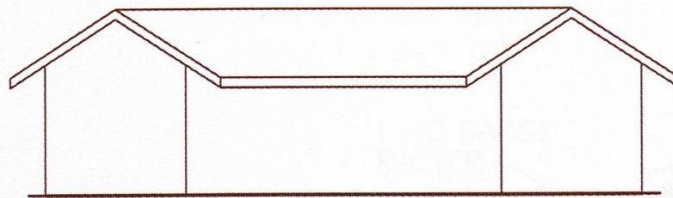
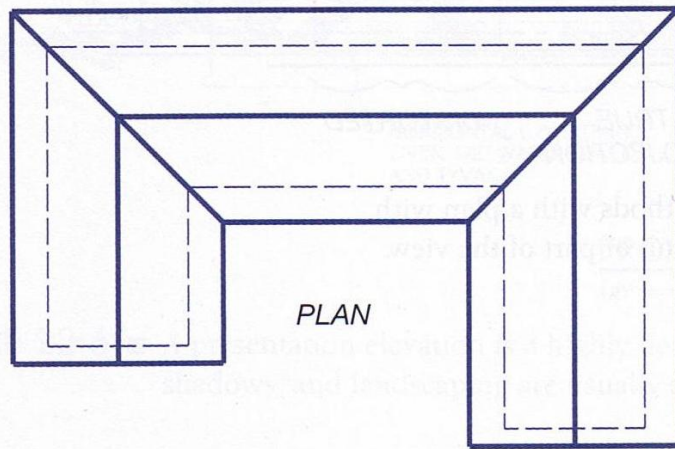
FRONT



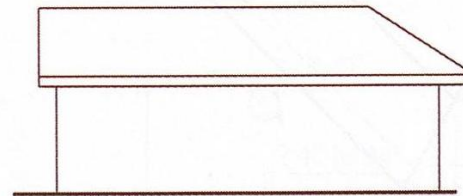
RIGHT SIDE

Elevations, Layout and Drawing Technique

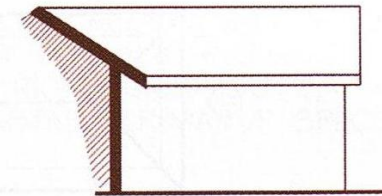
When a building has an irregular shape it may require more elevation views than normal.



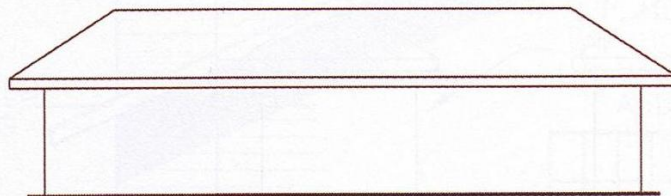
FRONT



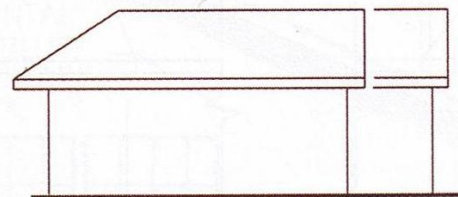
RIGHT SIDE



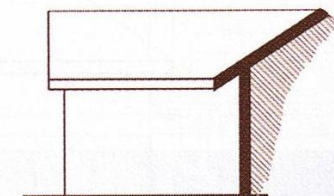
RIGHT COURTYARD



REAR



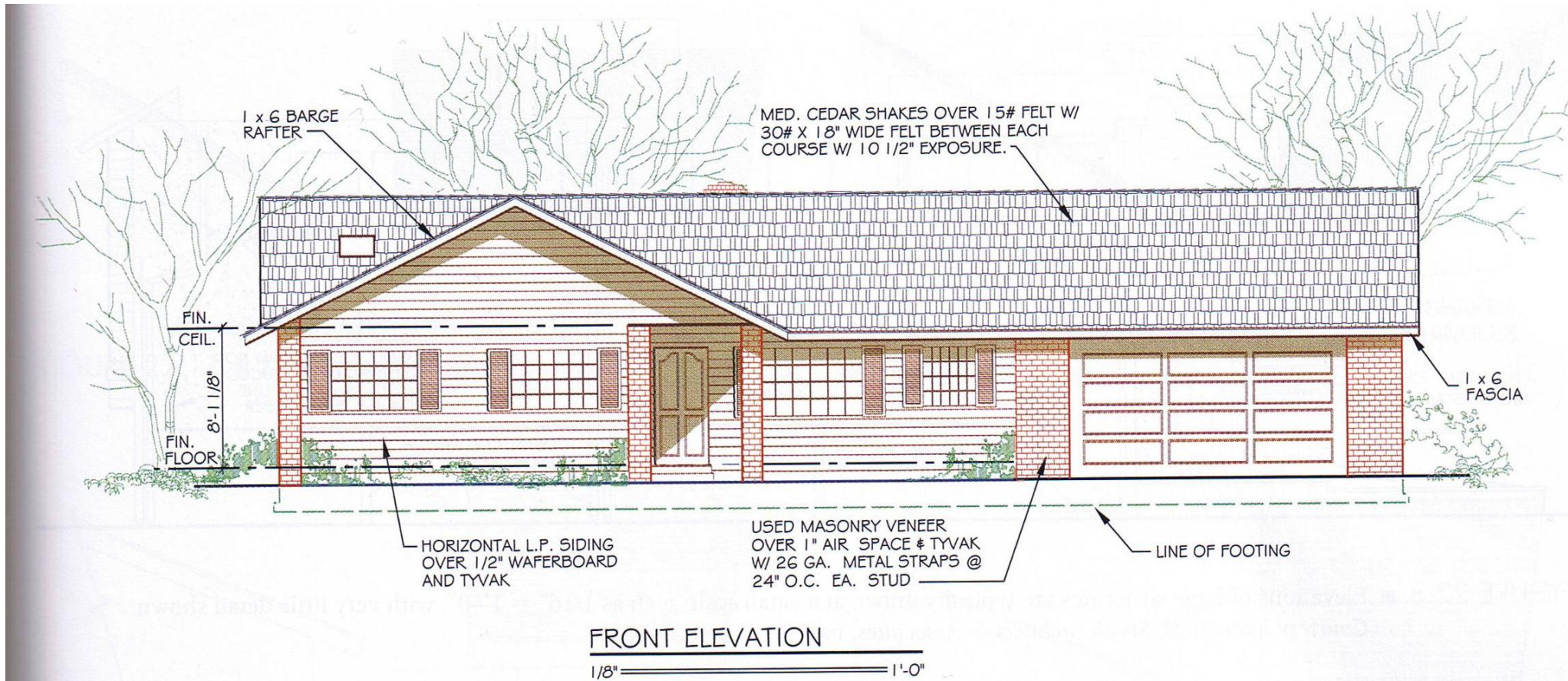
LEFT SIDE



LEFT COURTYARD

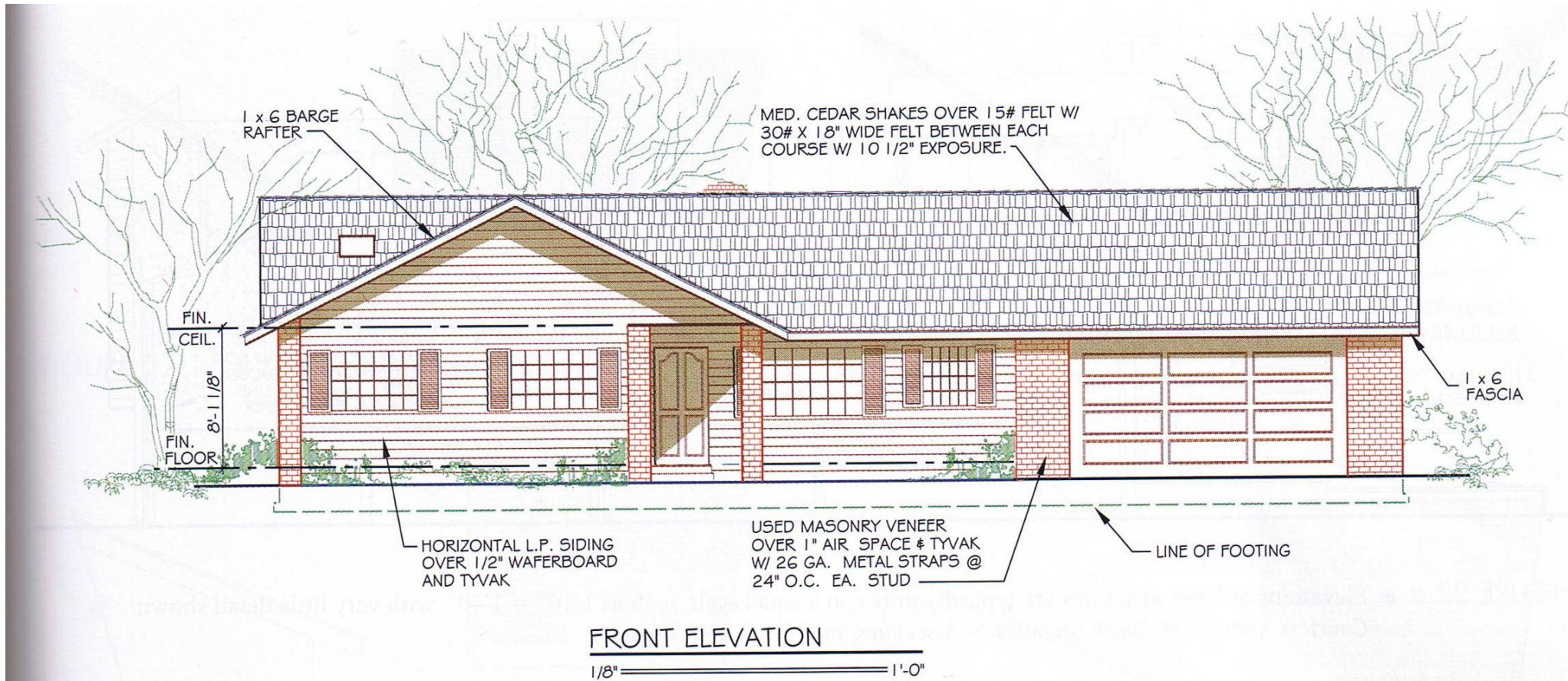
Elevations, Layout and Drawing Technique

Elevation views provide information on the area of wall surfaces and wall openings which may be used in heat loss calculations.



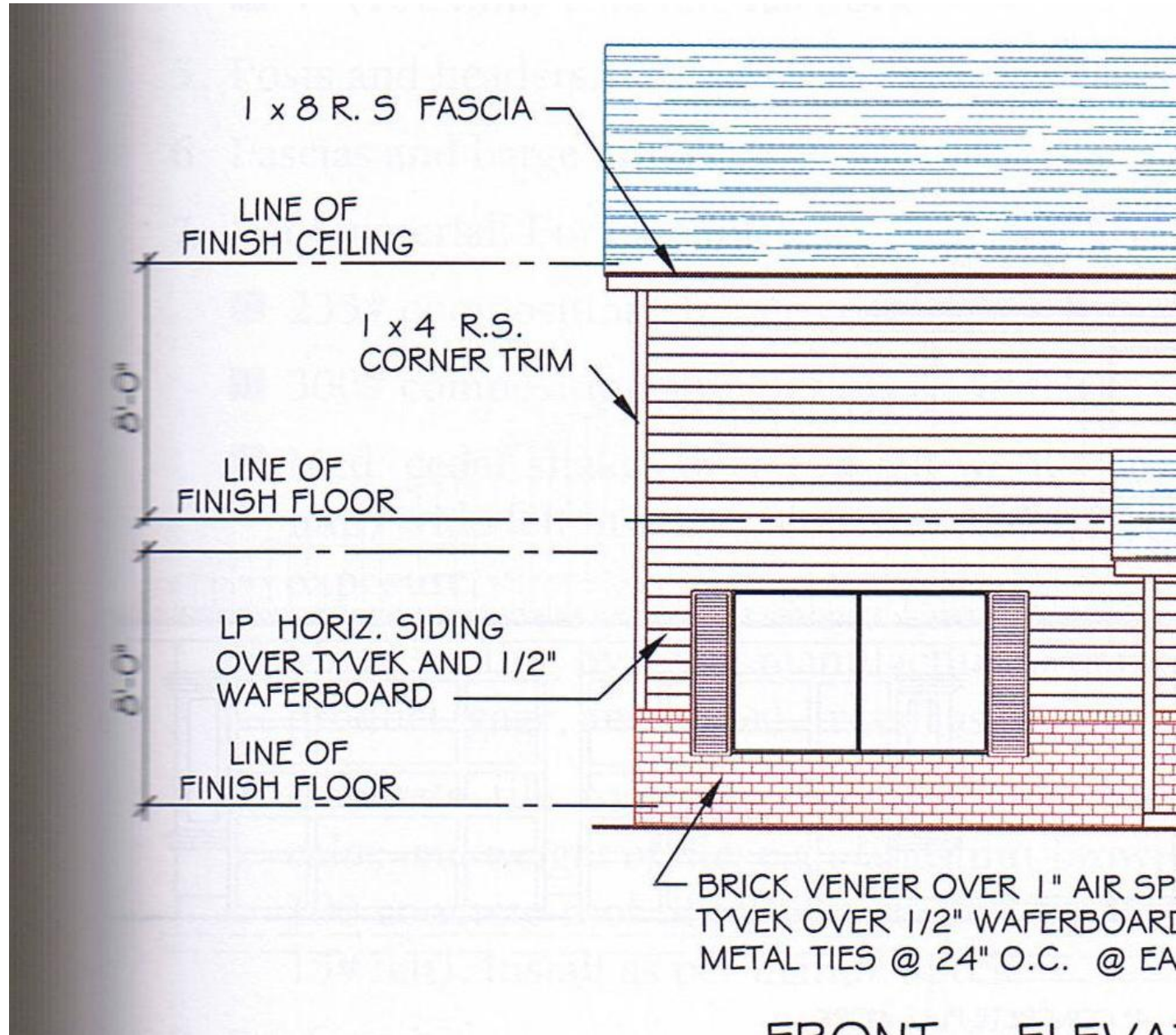
Elevations, Layout and Drawing Technique

*Elevation views are normally drawn to the scale of 1/4" = 1'-0".



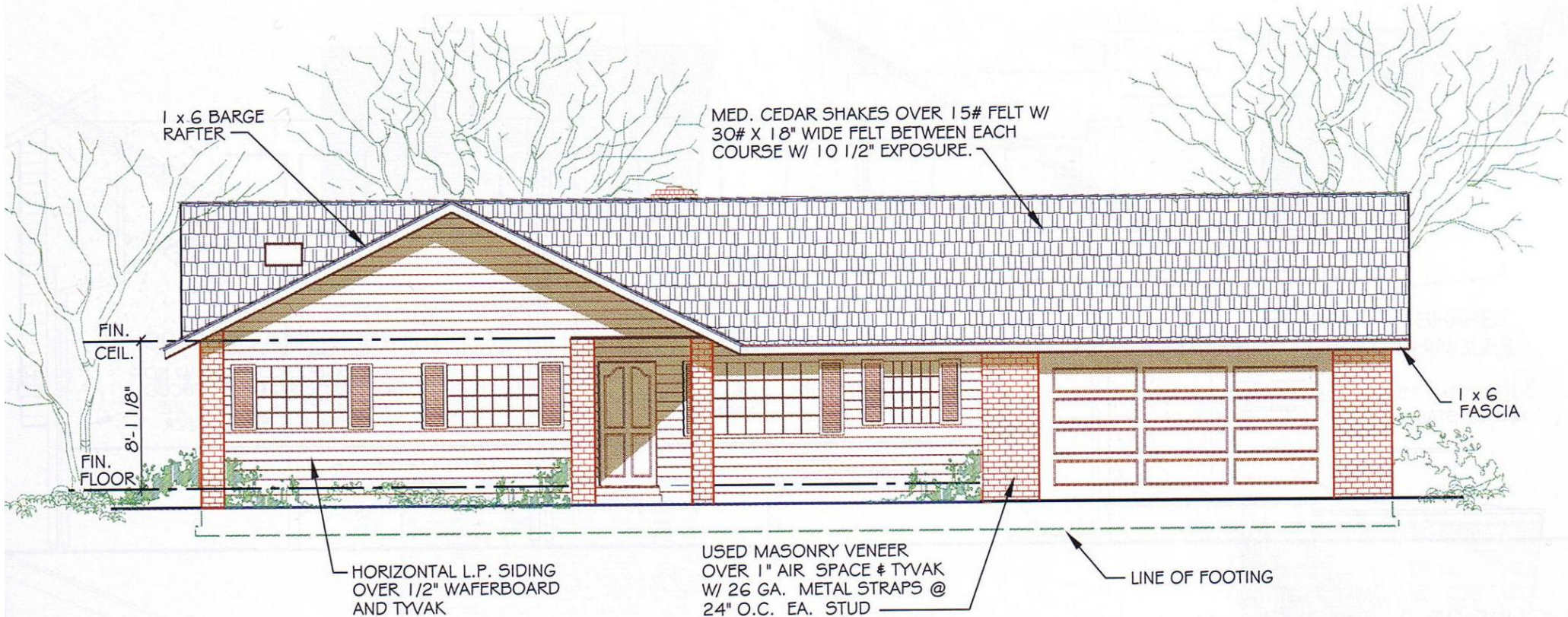
Elevations, Layout and Drawing Technique

*On elevation drawings the type of dimensions shown indicate vertical height.



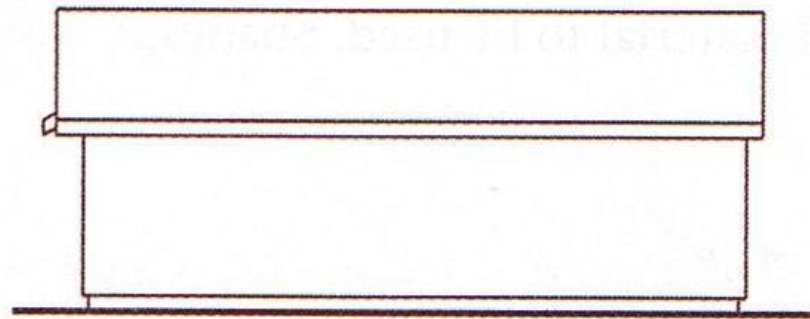
Elevations, Layout and Drawing Technique

***The floor line, ceiling line, and features below grade are shown with hidden lines.**

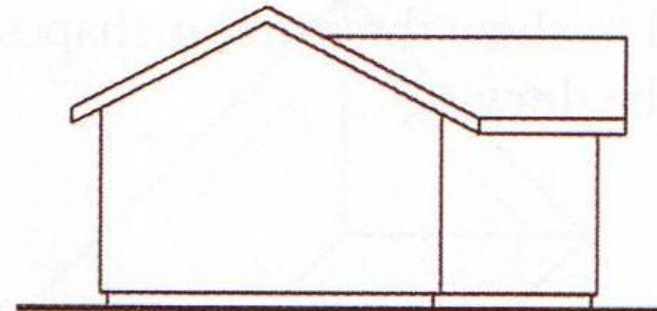


Elevations, Layout and Drawing Technique

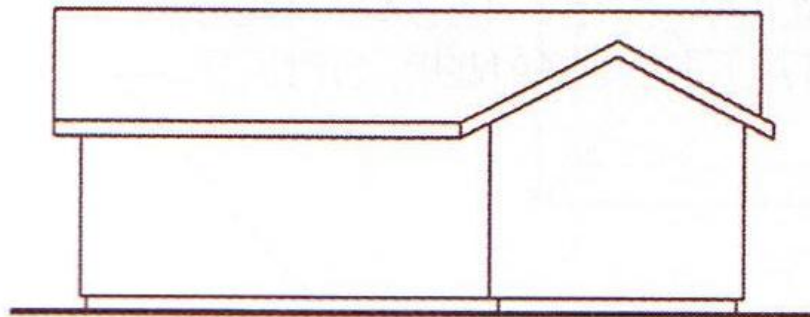
The advantage of placing a side elevation view directly adjacent to the front or rear elevation view is that it allows you to transfer elevation measurements from one view to another.



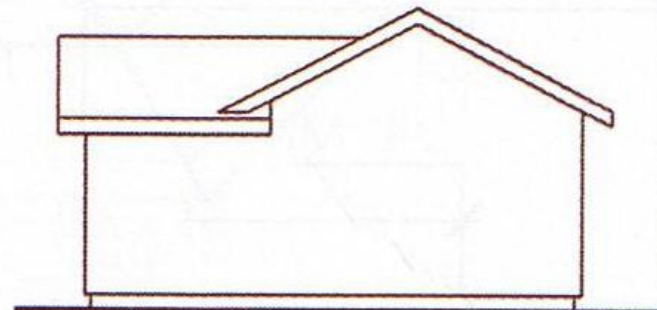
REAR



LEFT SIDE



FRONT

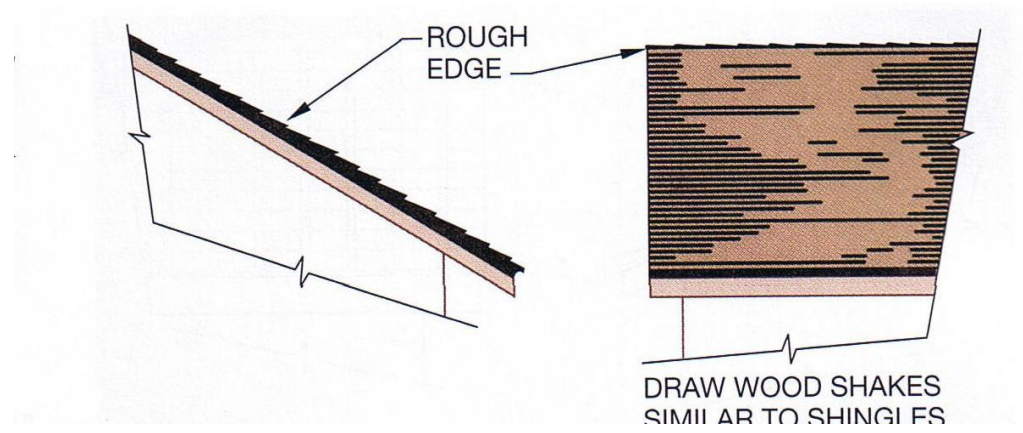
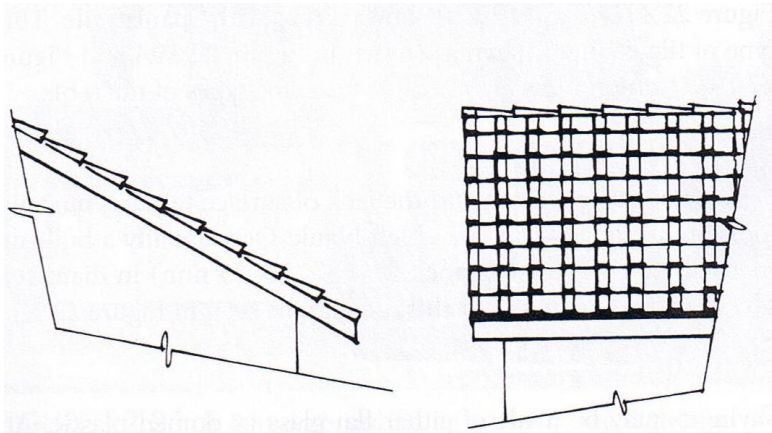
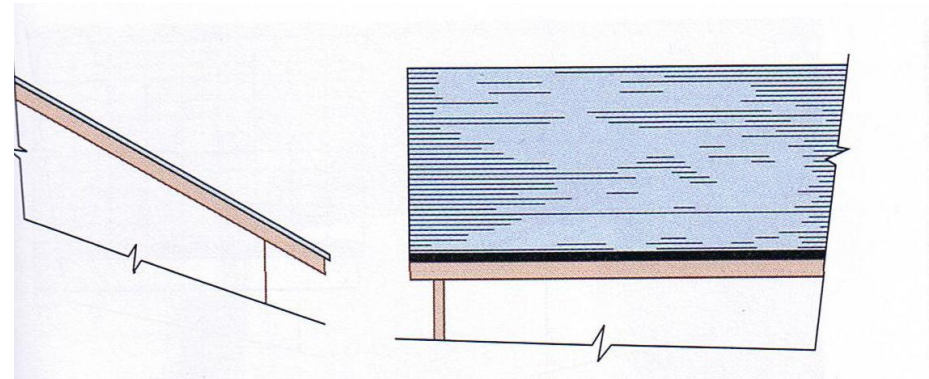


RIGHT SIDE

Elevations, Layout and Drawing Technique

Five types of roofing materials are:

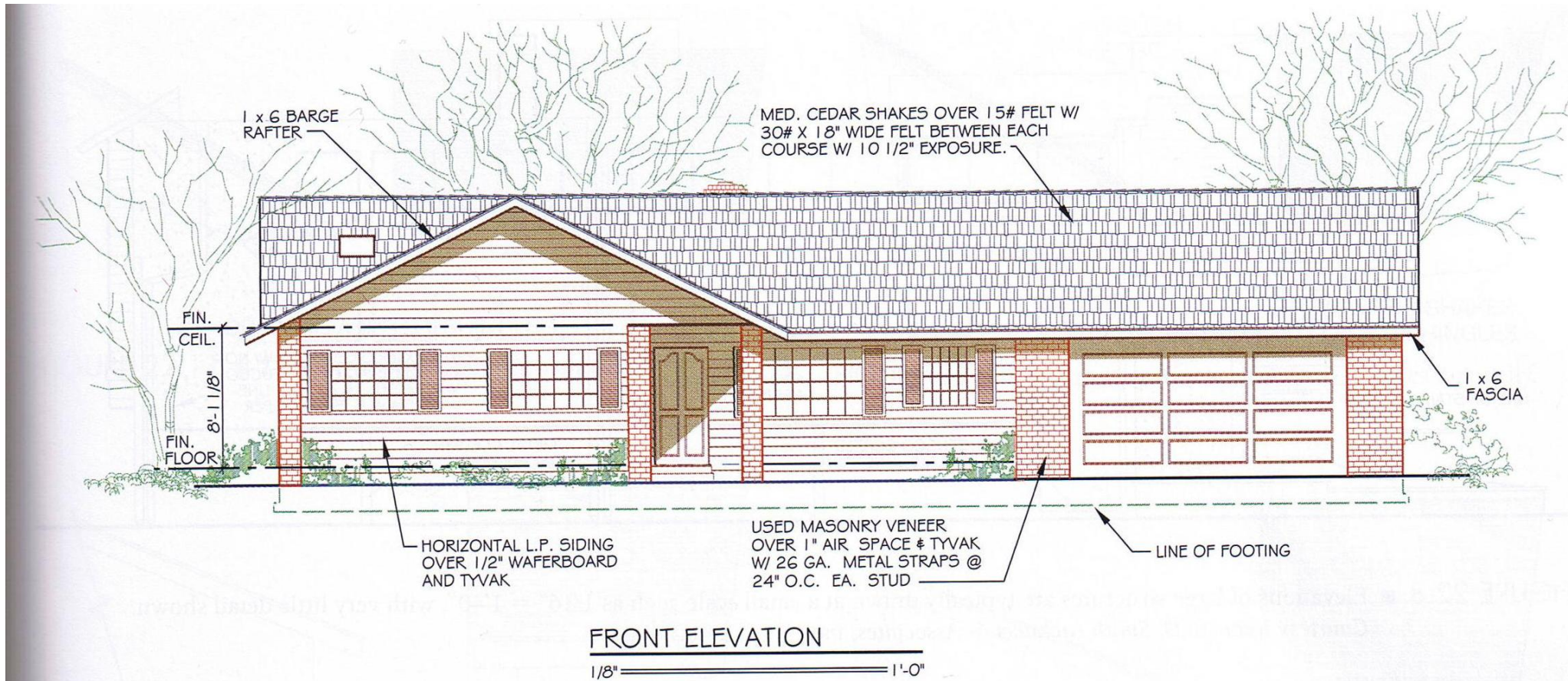
- 1) Asphalt
- 2) Wood Shakes & Shingles
- 3) Tile
- 4) Metal
- 5) Built-up



Elevations, Layout and Drawing Technique

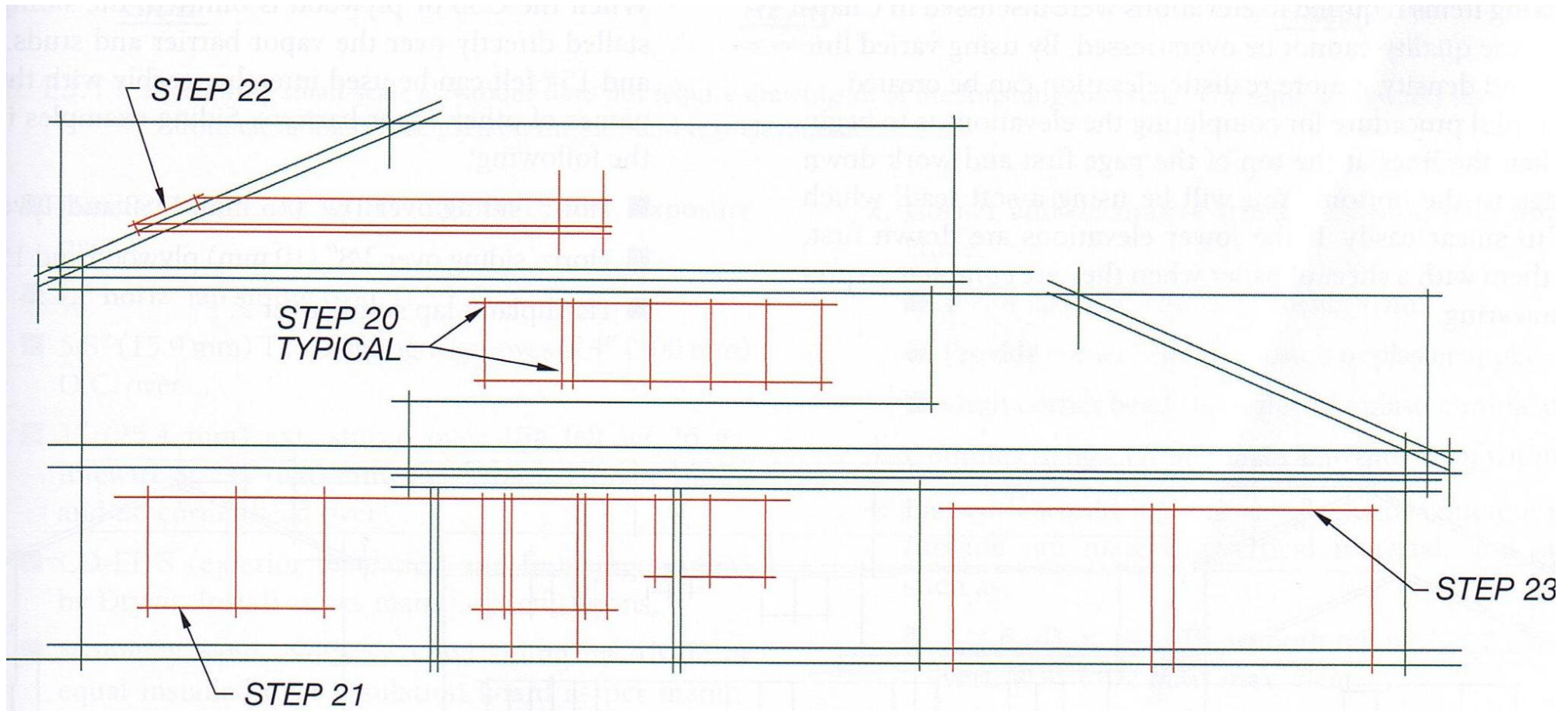
On the elevation views, wall and roofing textures, shutter slats, eave vents, guard rails, windows, doors and other similar details do not have to be shown as exact replicas of the actual materials.

*The front elevations shows most all of the materials and symbols.



Elevations, Layout and Drawing Technique

The elevation view should be first drawn with light construction lines and then darkened in from top to bottom.



Elevations, Layout and Drawing Technique

When drawing the chimney on an elevation view, the top of the flue should be drawn at least 2 feet above any part of the structure within 10 feet of the longitudinal axis of the chimney

