

PLANE: Drawing In 3 Point Perspective

simple gabled cottage which sits on ground which is not level).

2. Include the following:

a. A gabled roof. b. At least three windows which are evenly spaced along one wall. c. A deck. d. Any features you wish to add in order to make your house a home.

3. Show all construction lines in H.B. pencil; object lines in darker pencil.

4. No shading.

5. Label all vanishing points, e.g. 1,2,3, etc.

Constructing an inclined plane requires a third vanishing point. Without this third point, all lines would be parallel to the horizon, and, by definition, an inclined plane does not run parallel to the horizon. Note how a simple inclined gable is constructed with the use of a third vanishing point.

NOTE: This point is arbitrary. It determines the slope of the roof. It's also the 3rd point.

3RD POINT

HORISON

B

A

C

NOTE: To find the peak of the gable requires that you first locate the mid-point of the side of the house (note diagonals and the vertical line which extends up from the intersection of these diagonals).

NOTE: The house is sitting on an inclined plane (one side only). Note how the slope was created with the 3rd vanishing point. Also note that the house sits on a foundation which raises the side of the house which is down hill.

NOTE: This profile of the house shows how it sits on the slope. The house is level to the horizon, but the foundation sits on an inclined plane. The letters on this drawing correspond to those on the perspective drawing above.



A

B

C