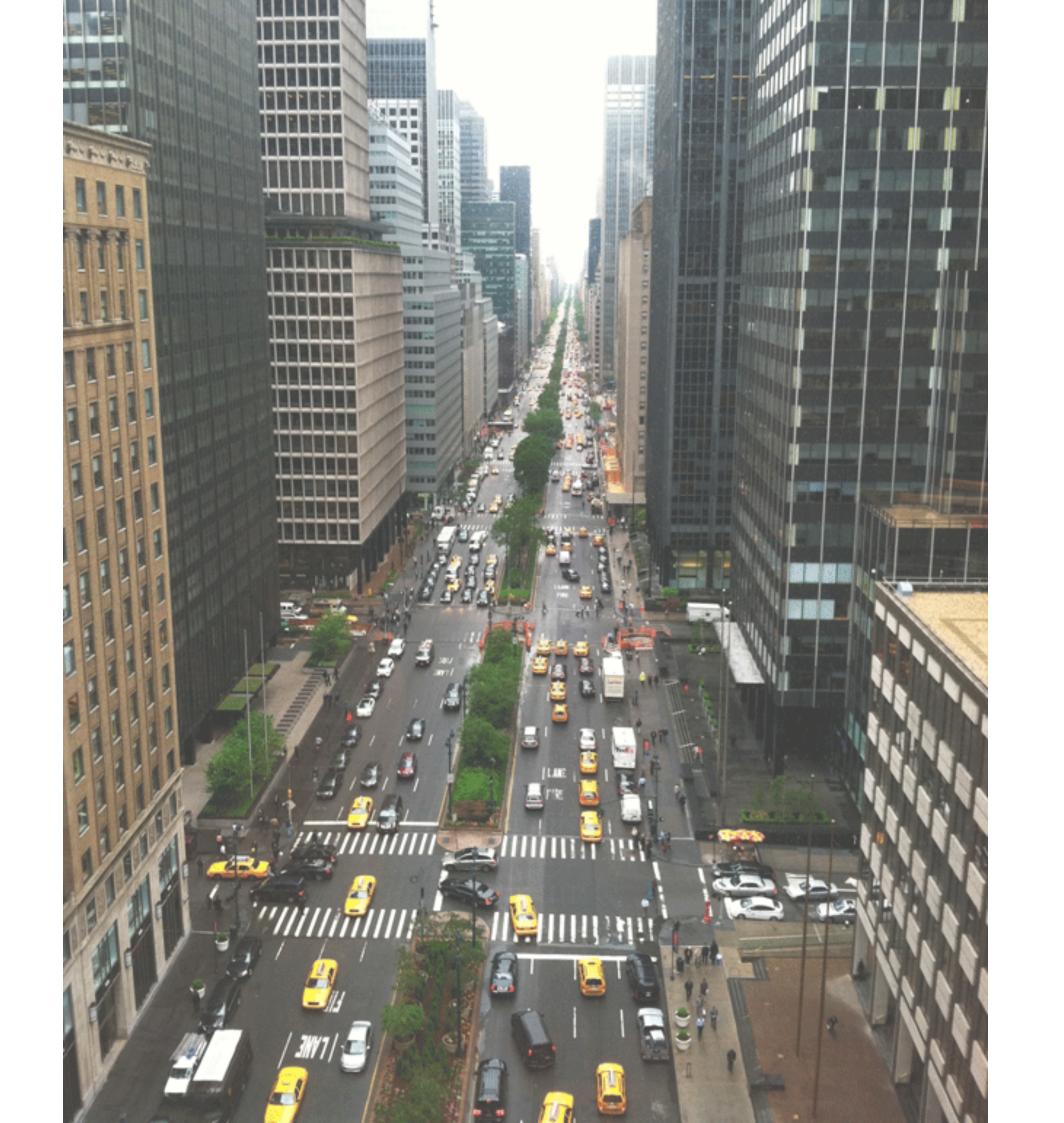


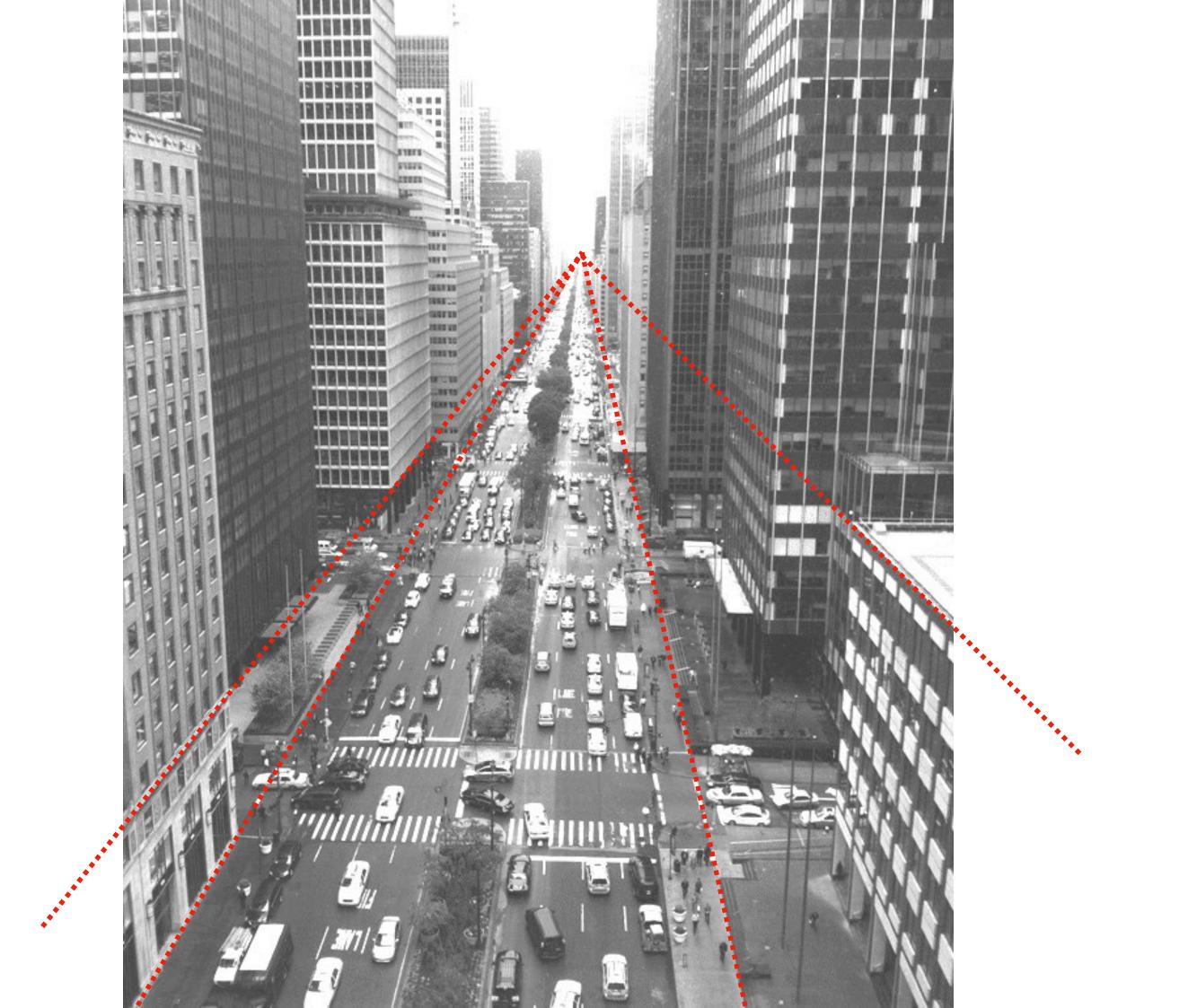
Perspecta: 'to look through'

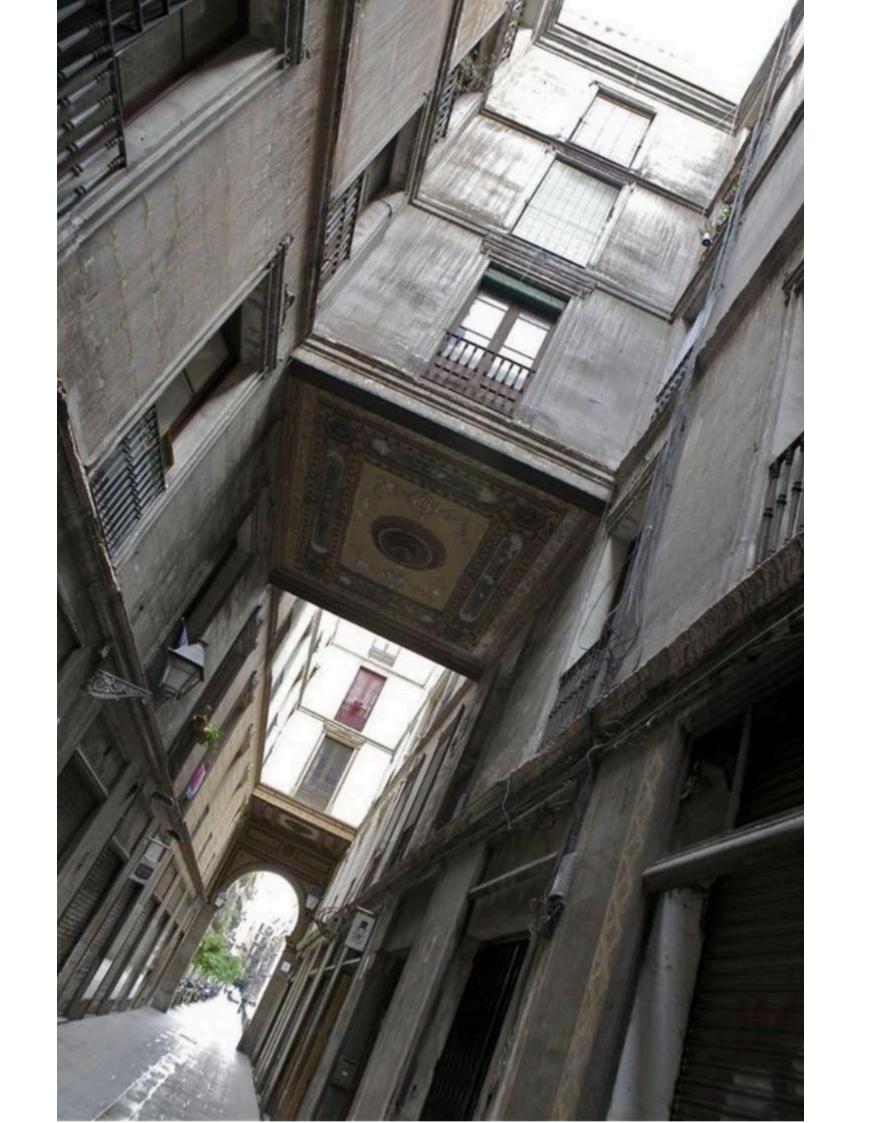
A flat surface gives the illusion of a deep world

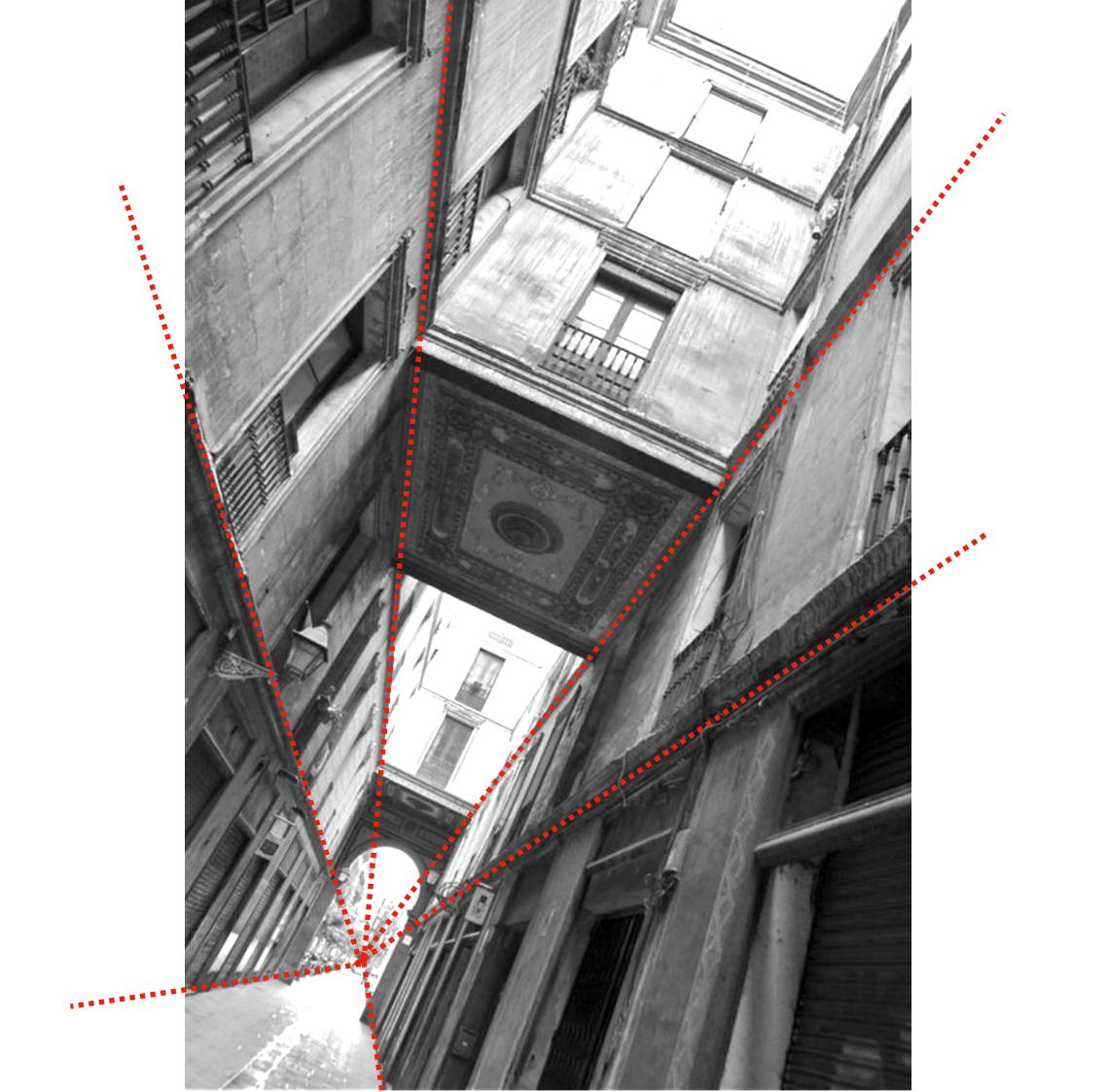










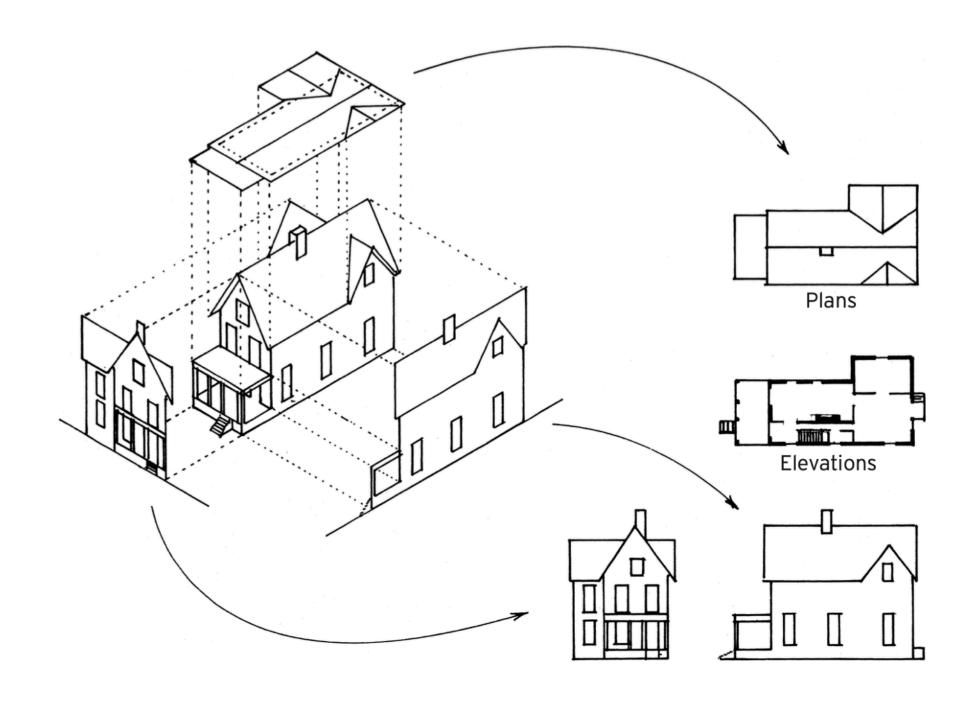


Multi-view drawings

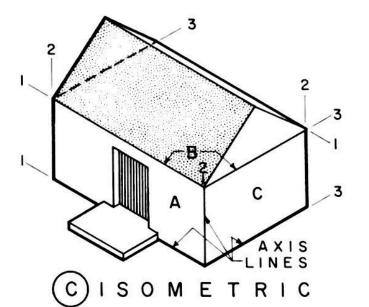
Paraline drawings

Perspective drawings

Multi-view drawings

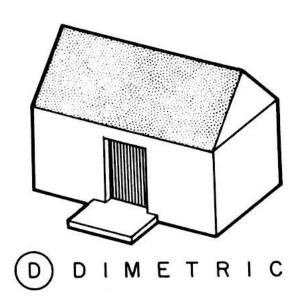


Isometric

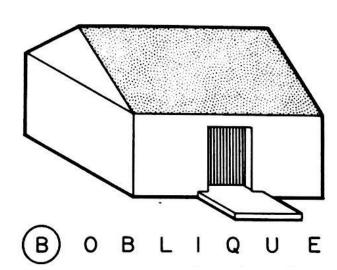


Paraline drawings

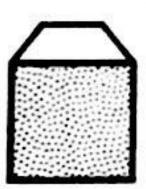
**Dimetric** 



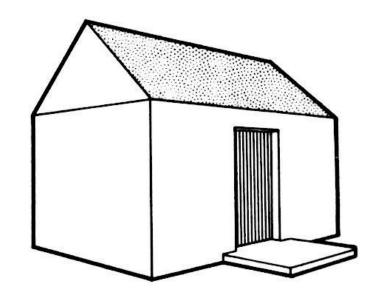
**Oblique** 



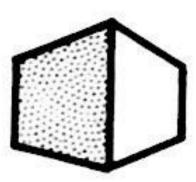
One point



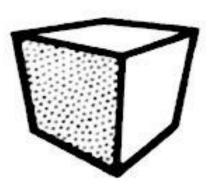
Perspective drawings



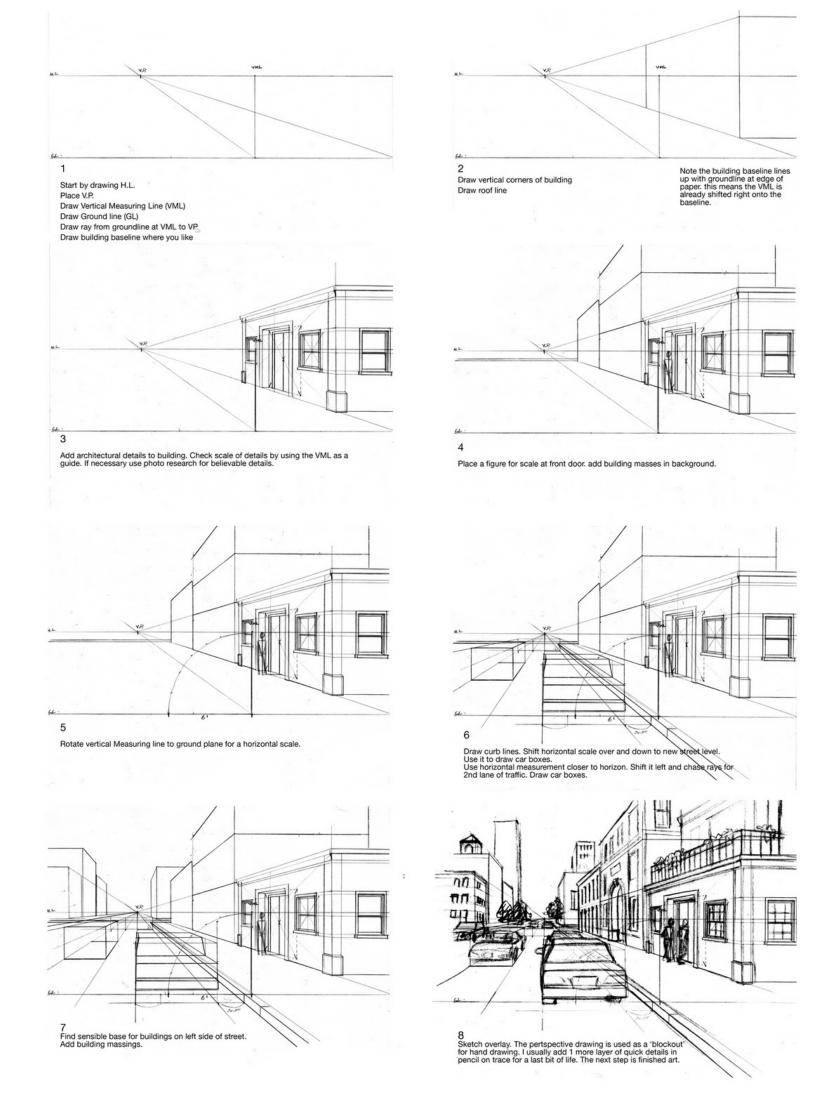
**Two points** 



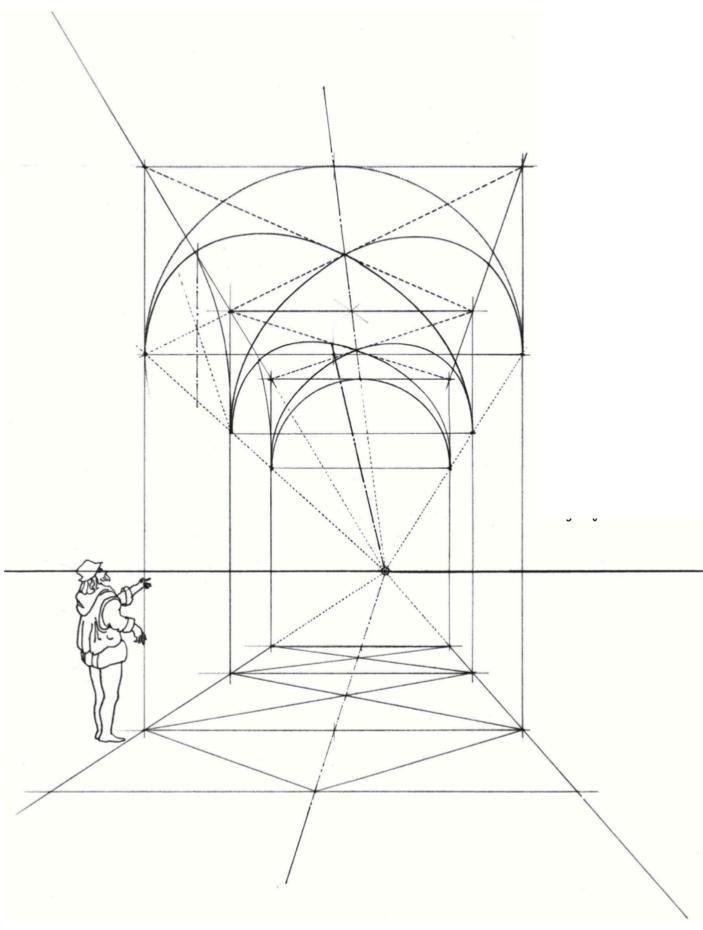
**Three points** 

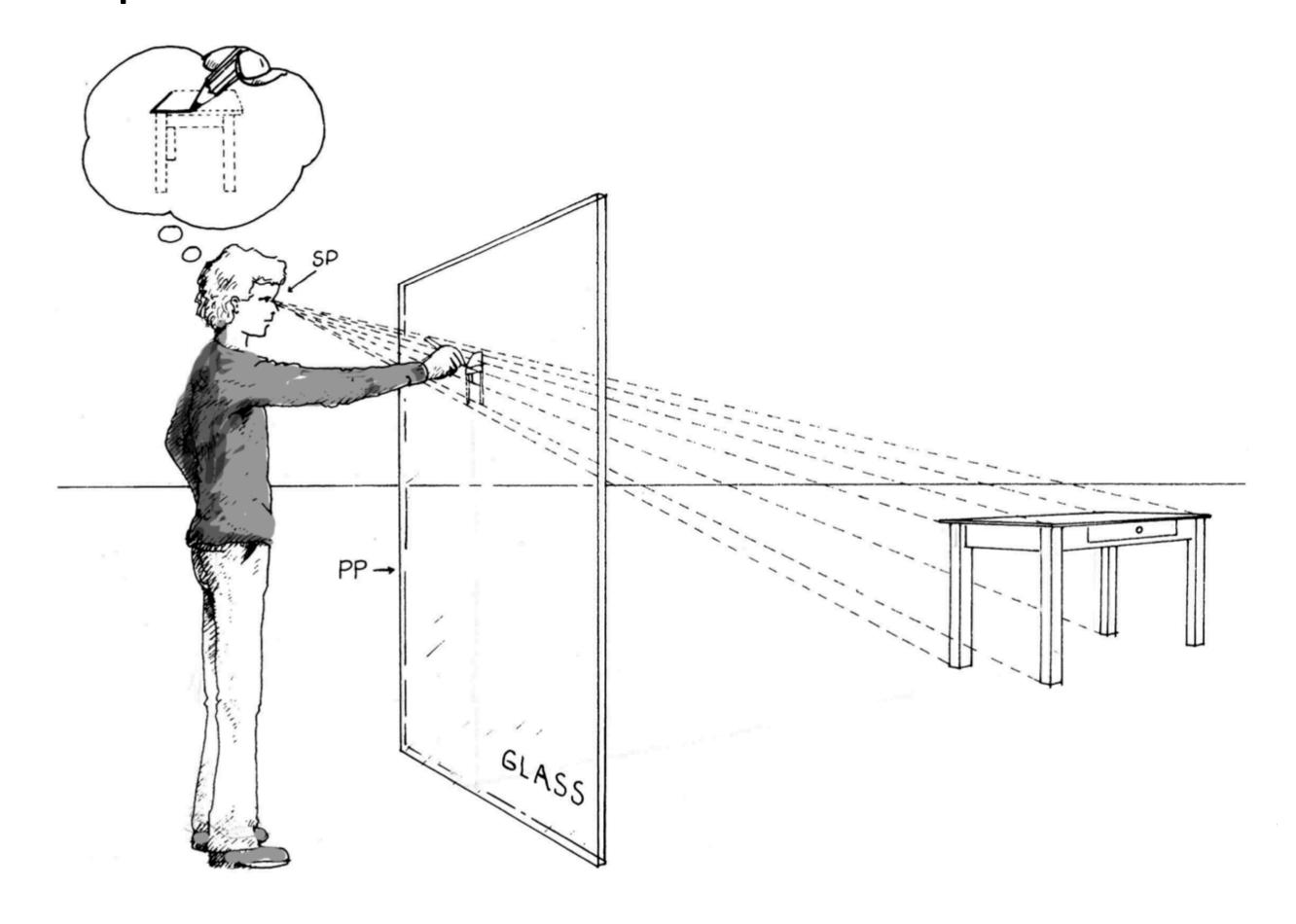


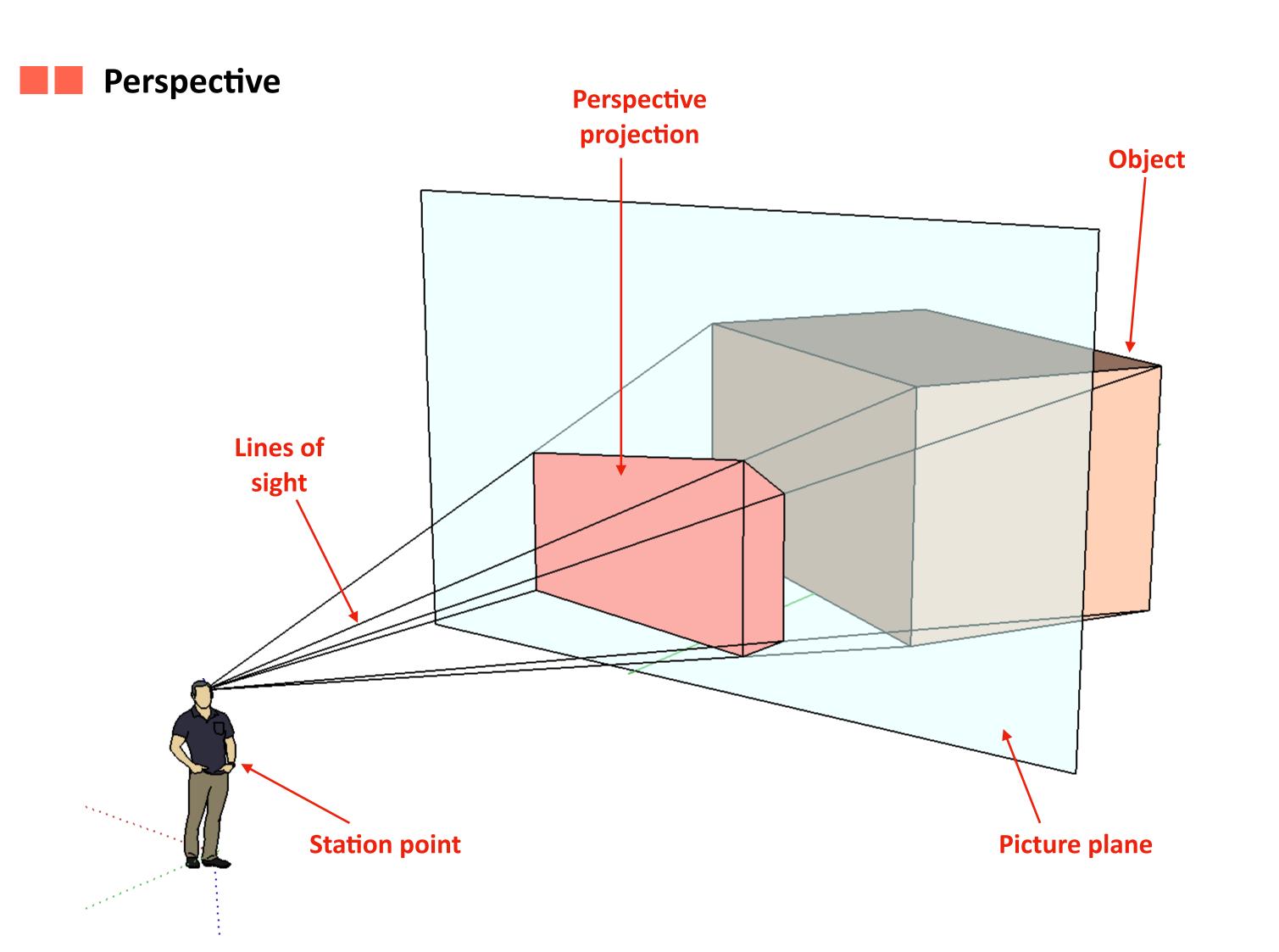
Perspectives are the only way of drawing which represents an object in the natural and pleasing way that it would actually appear to the eye from a certain position, in which often lines and areas of the object do not appear in their true shapes, sizes, or directions

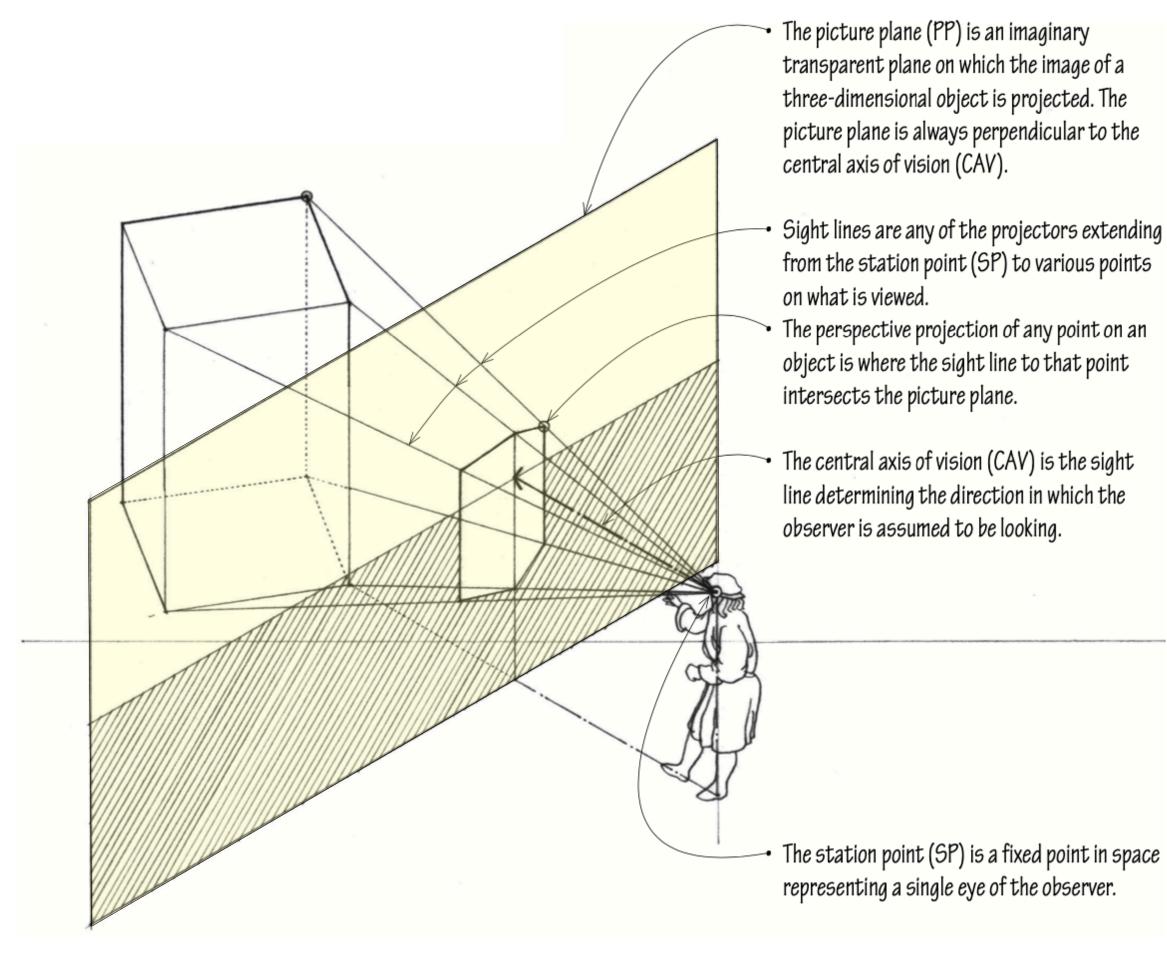


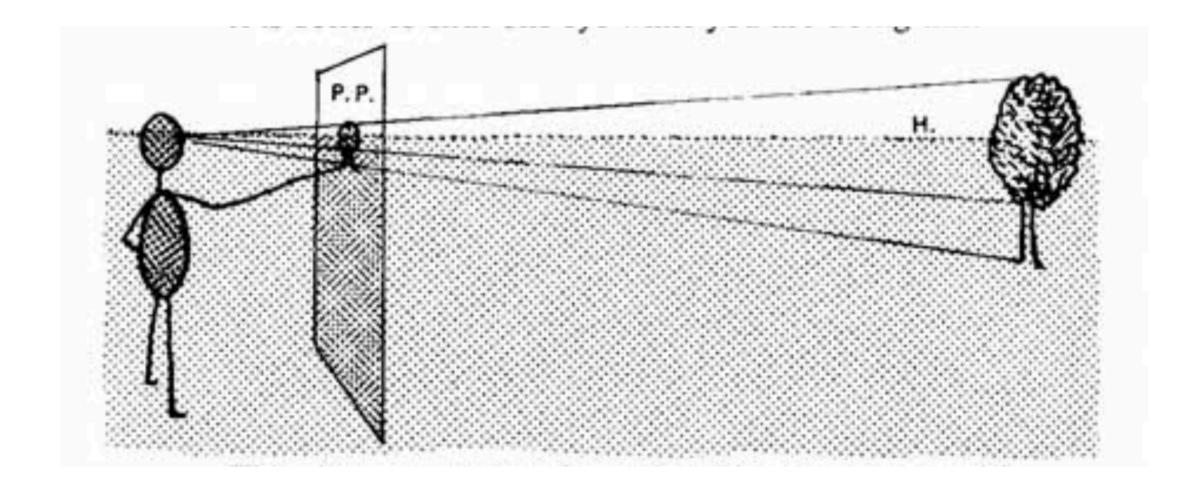












Station point

Horizon Line Picture Plane

**Object** 

#### The station point:

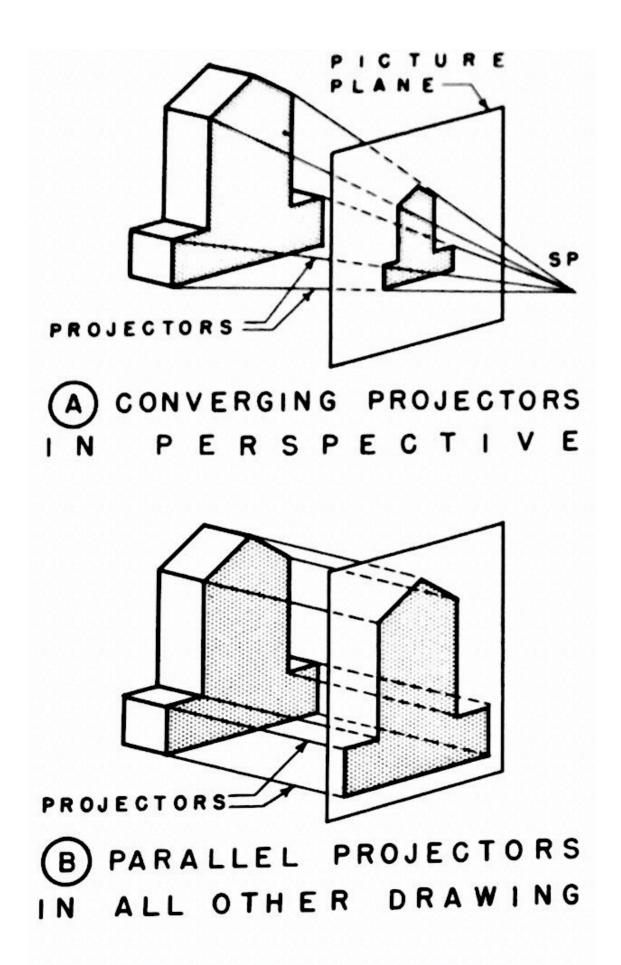
It is assumed to be the position of the eye of the observer and consequently the position from which the object would be seen

#### **Projectors (lines of sight):**

The imaginary lines of sight from the eye of the observer to points on the object

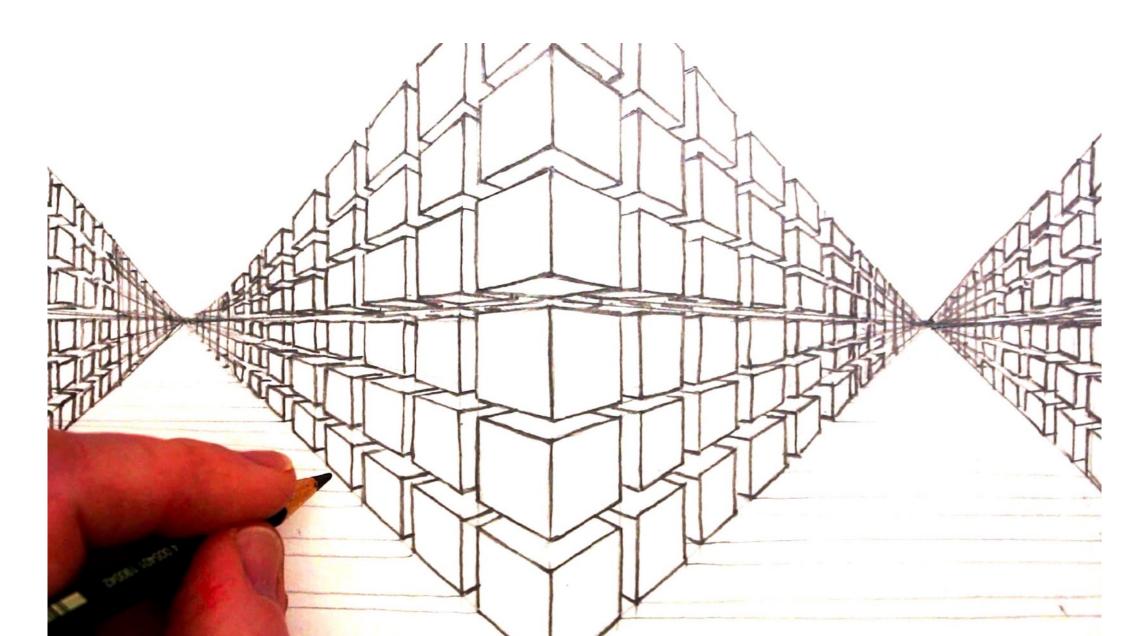
#### The picture plane:

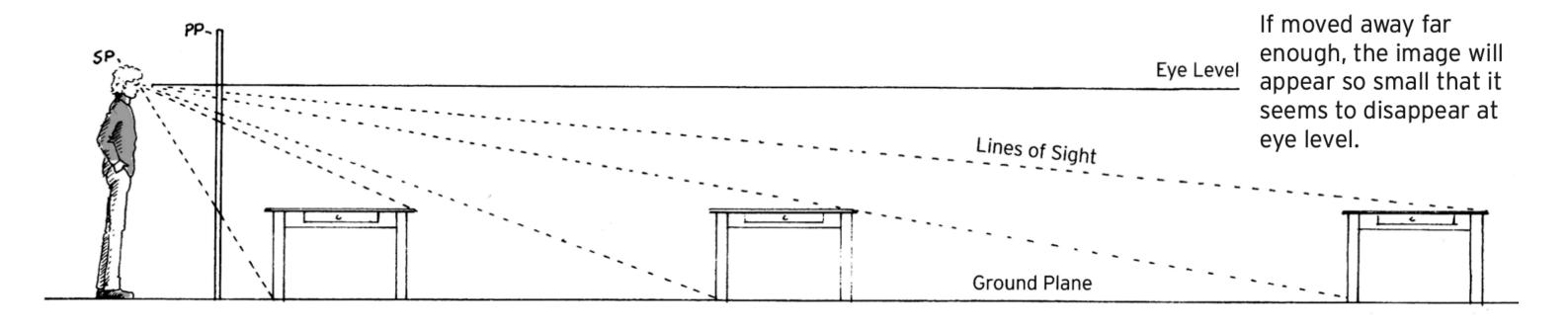
The imaginary plane where the intersections of the projectors with it give points through which lines are drawn to make perspective drawing



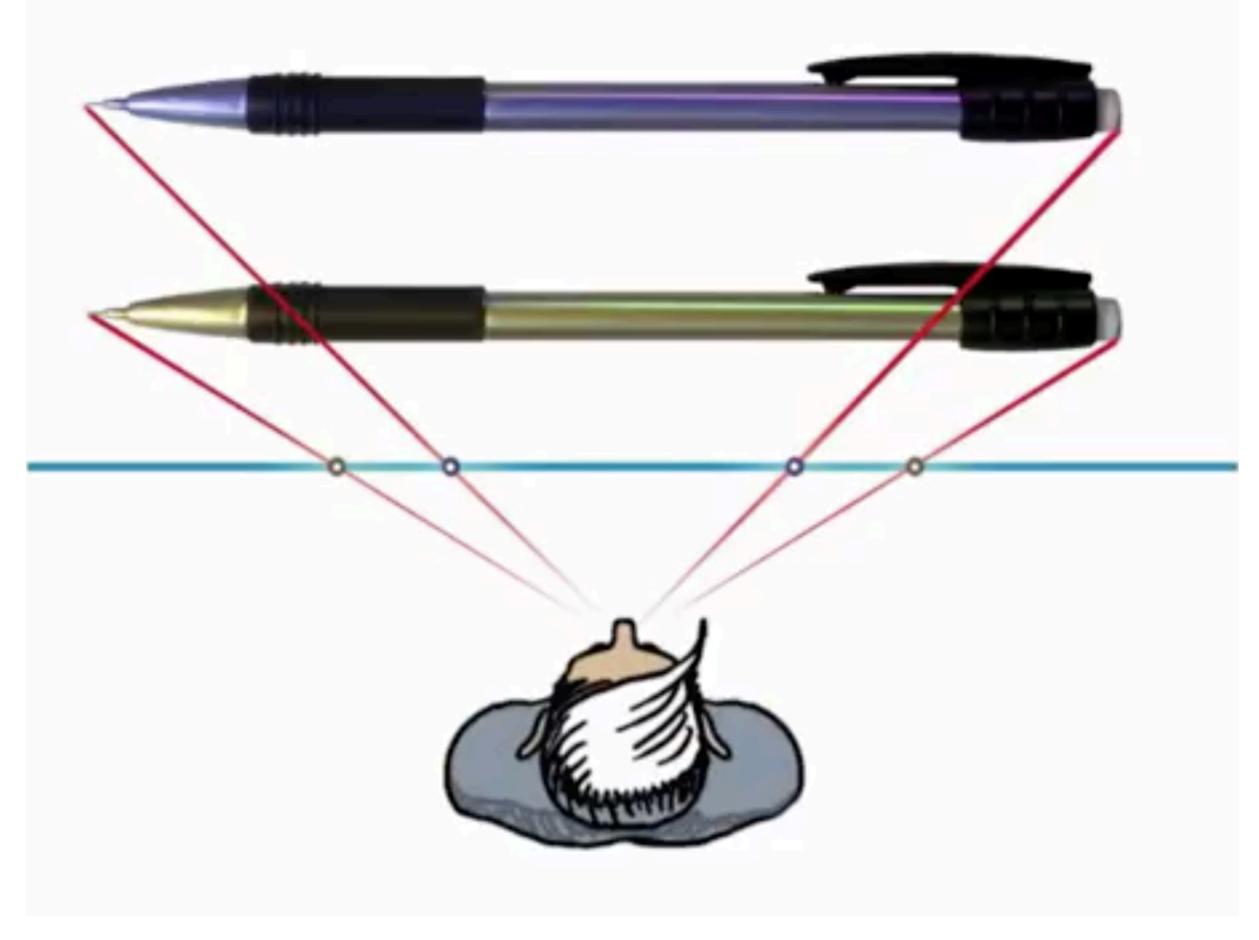
In perspective drawings, sizes are shown as they appear to the eye from the position of the station point, not as they actually are

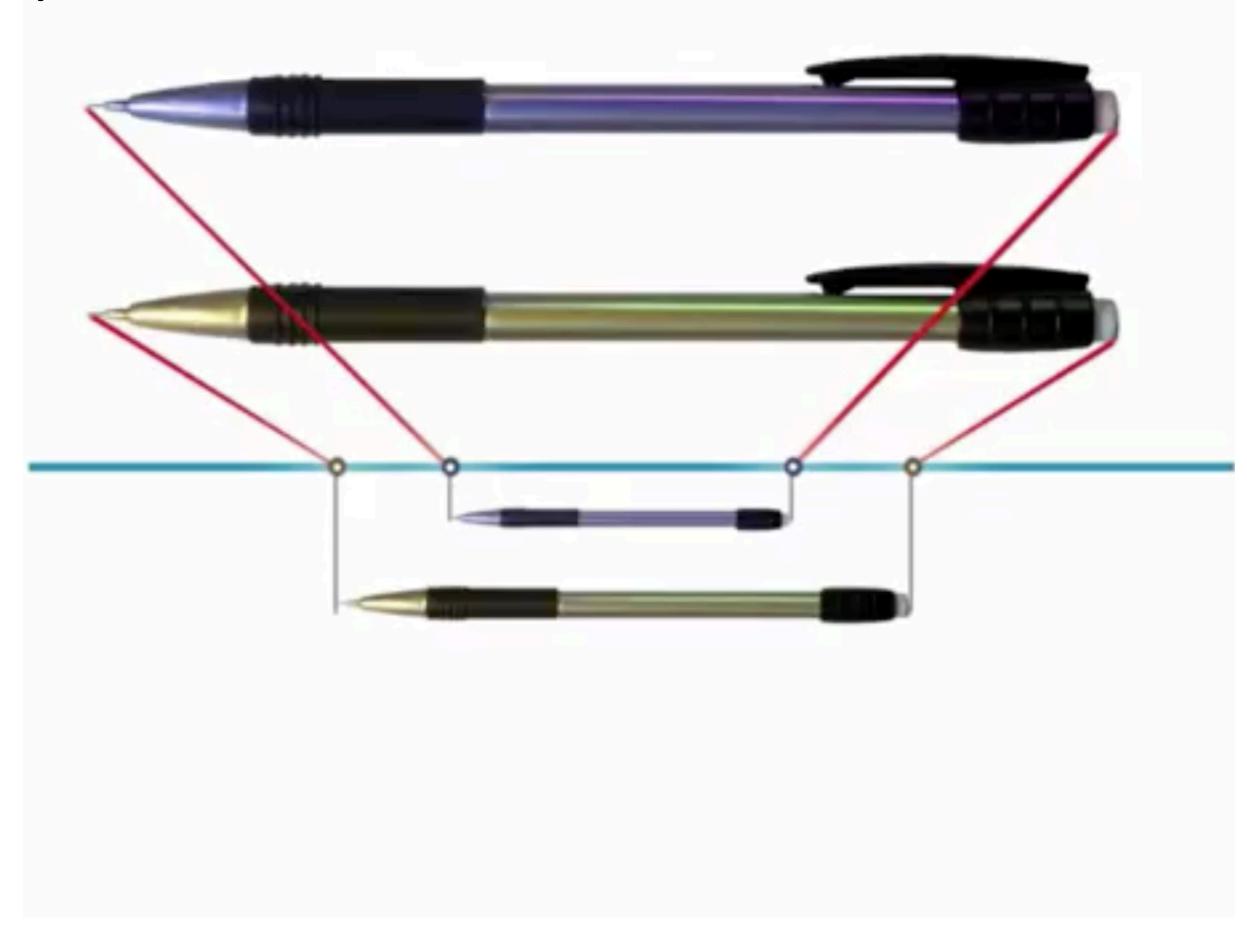
- Any lines of the object which lie in the picture plane can be measured to scale
- Parts of the object in front of the picture plane will be larger than scale size
- Parts in back of the picture plane will be smaller than scale size





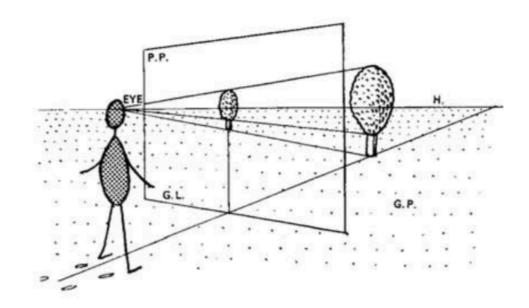


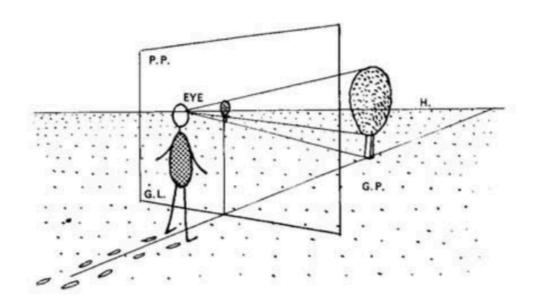




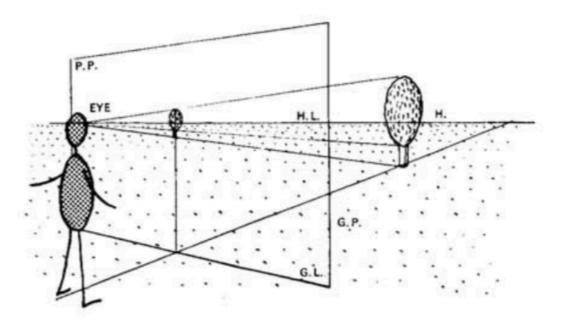
#### **Location of Station point**

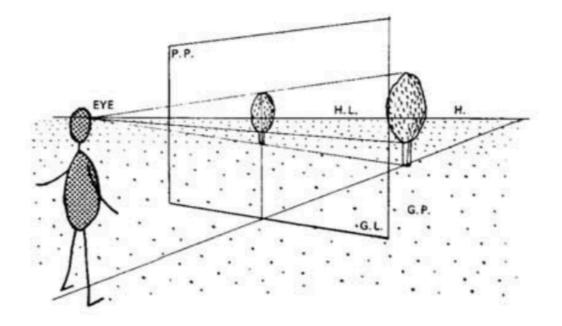
# EYE G.P.

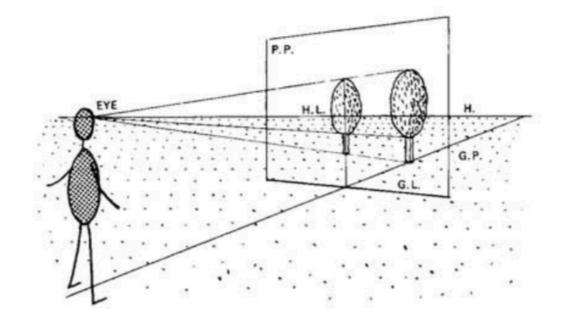


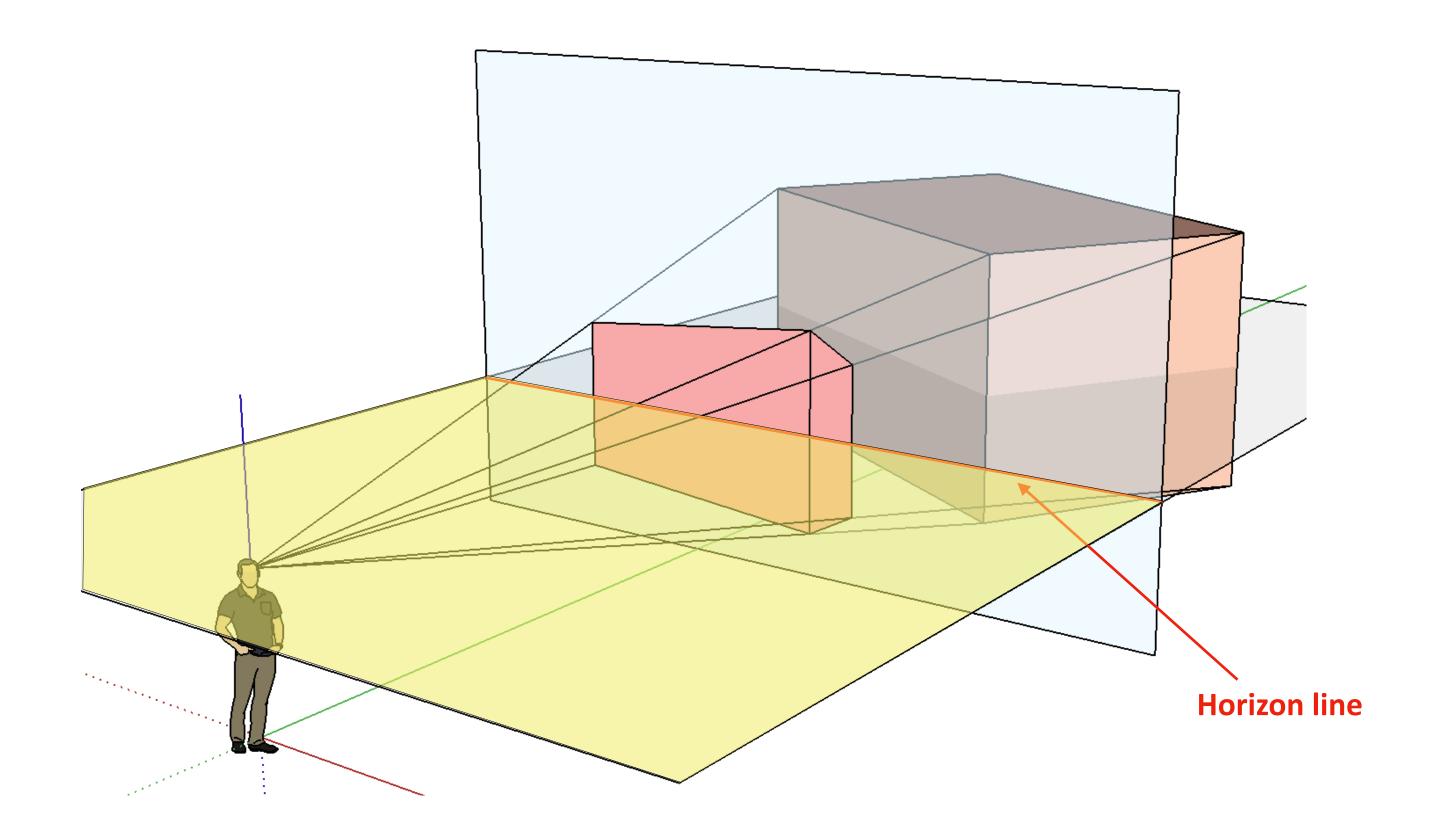


#### **Location of Picture Plane**





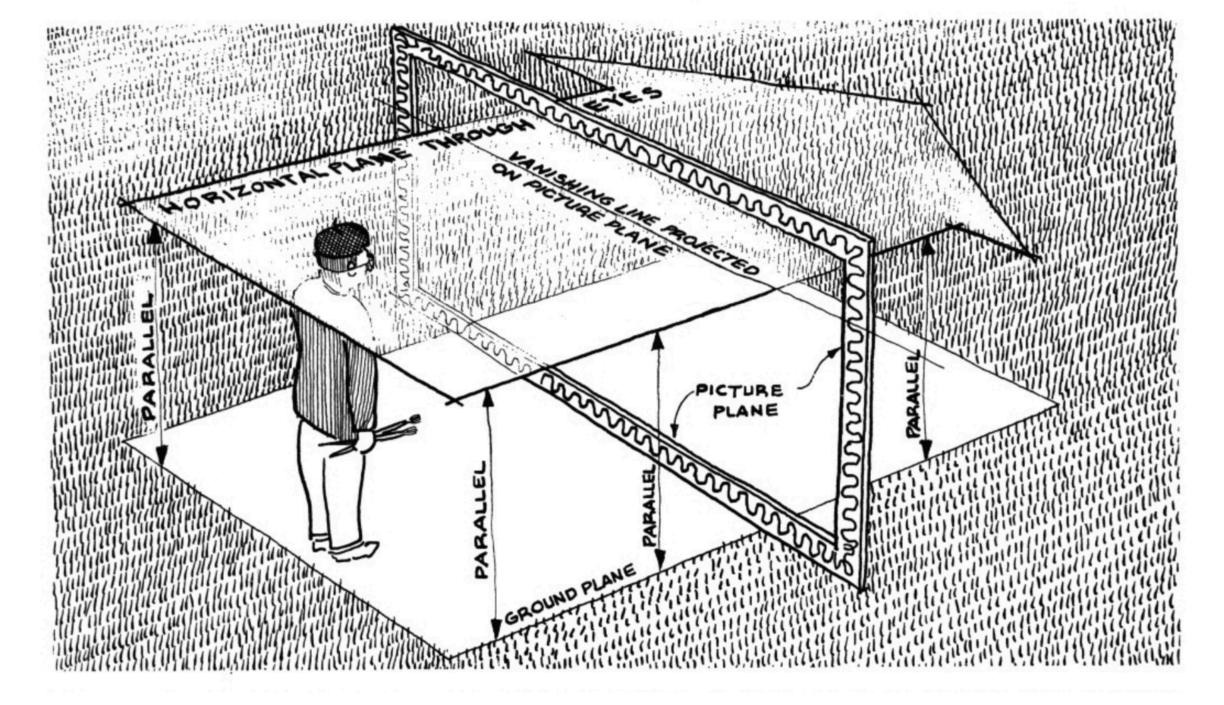


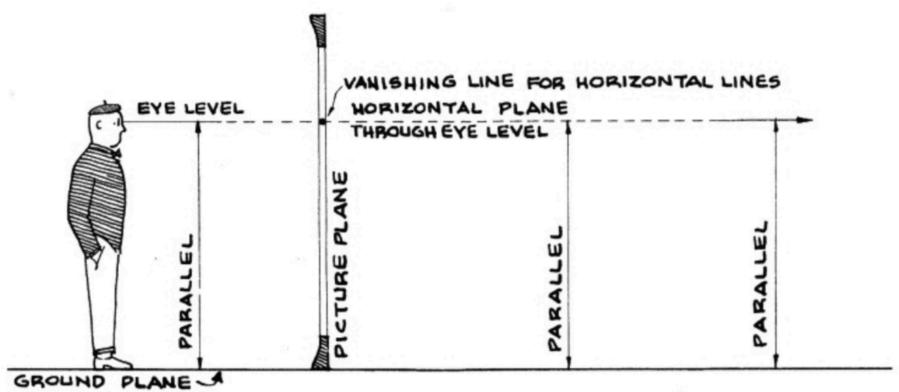


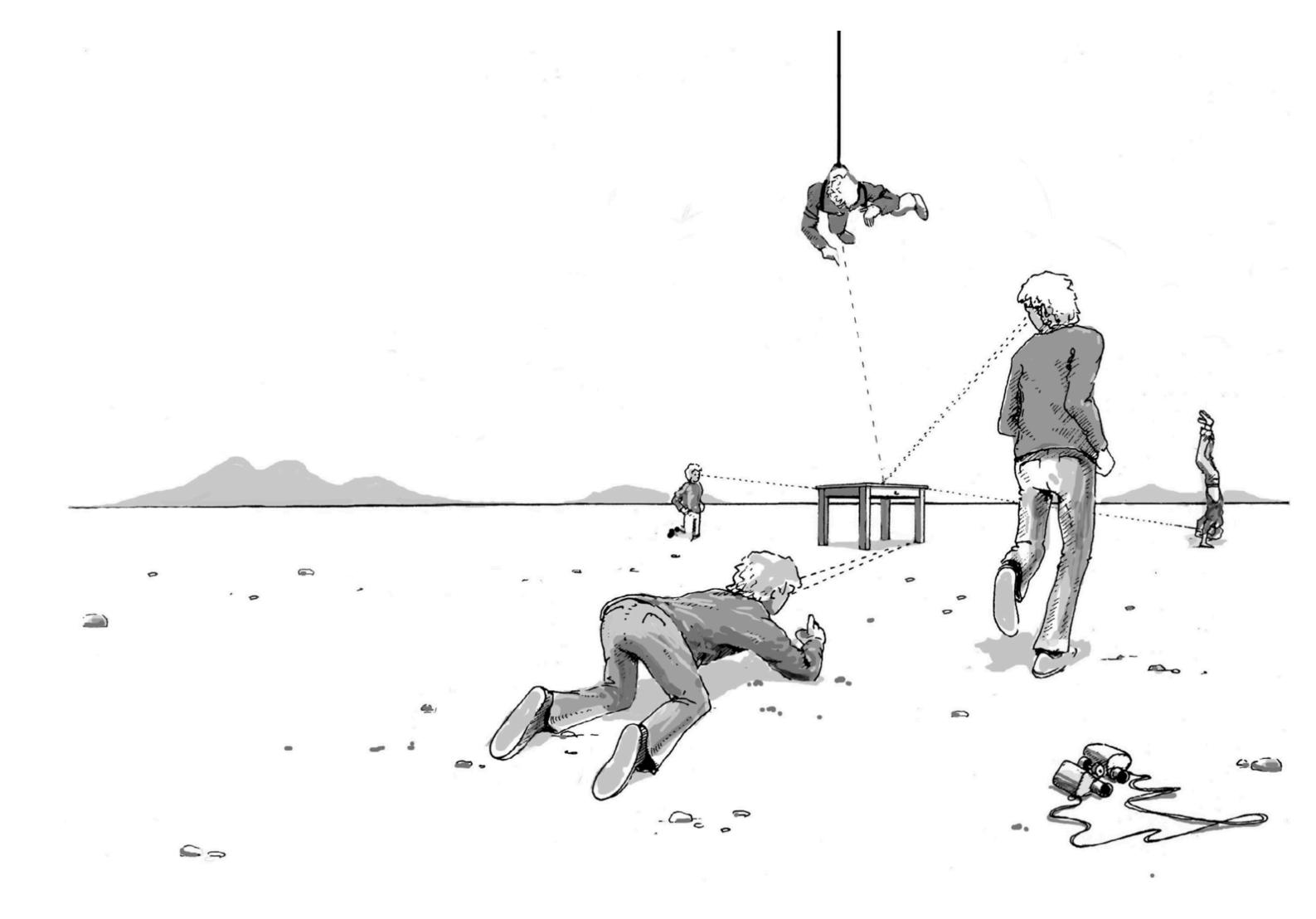
#### The horizon line:

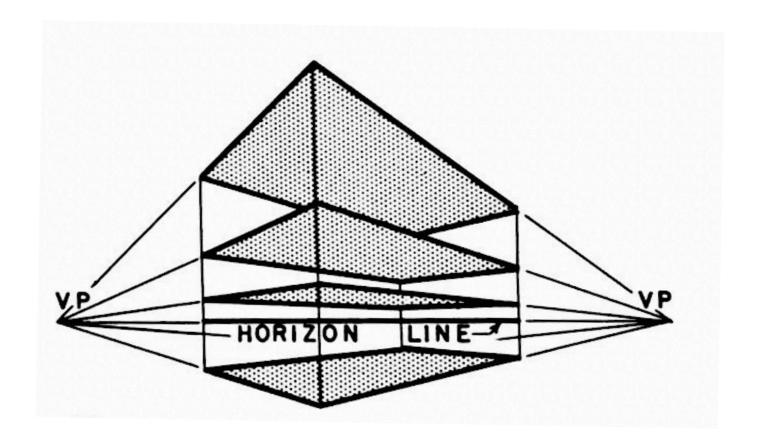
It is at the level of the station point in a perspective drawing, the eye looks up at things above the horizon and down on things below the horizon

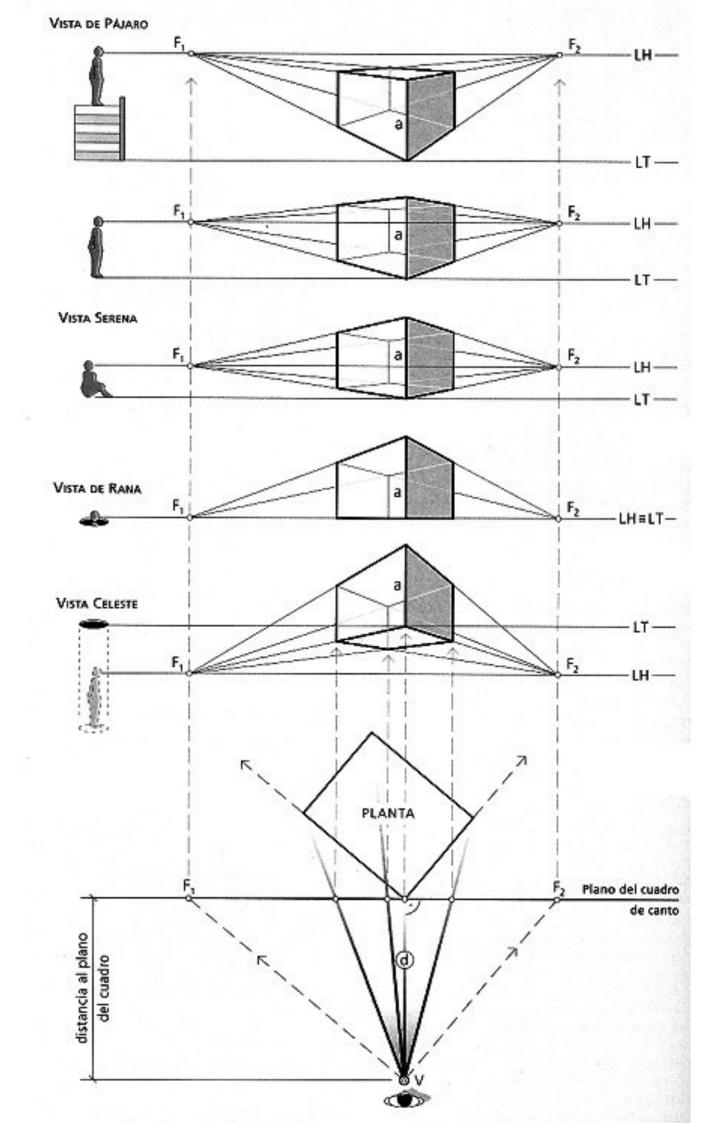
Vanishing points projected at the horizontal line

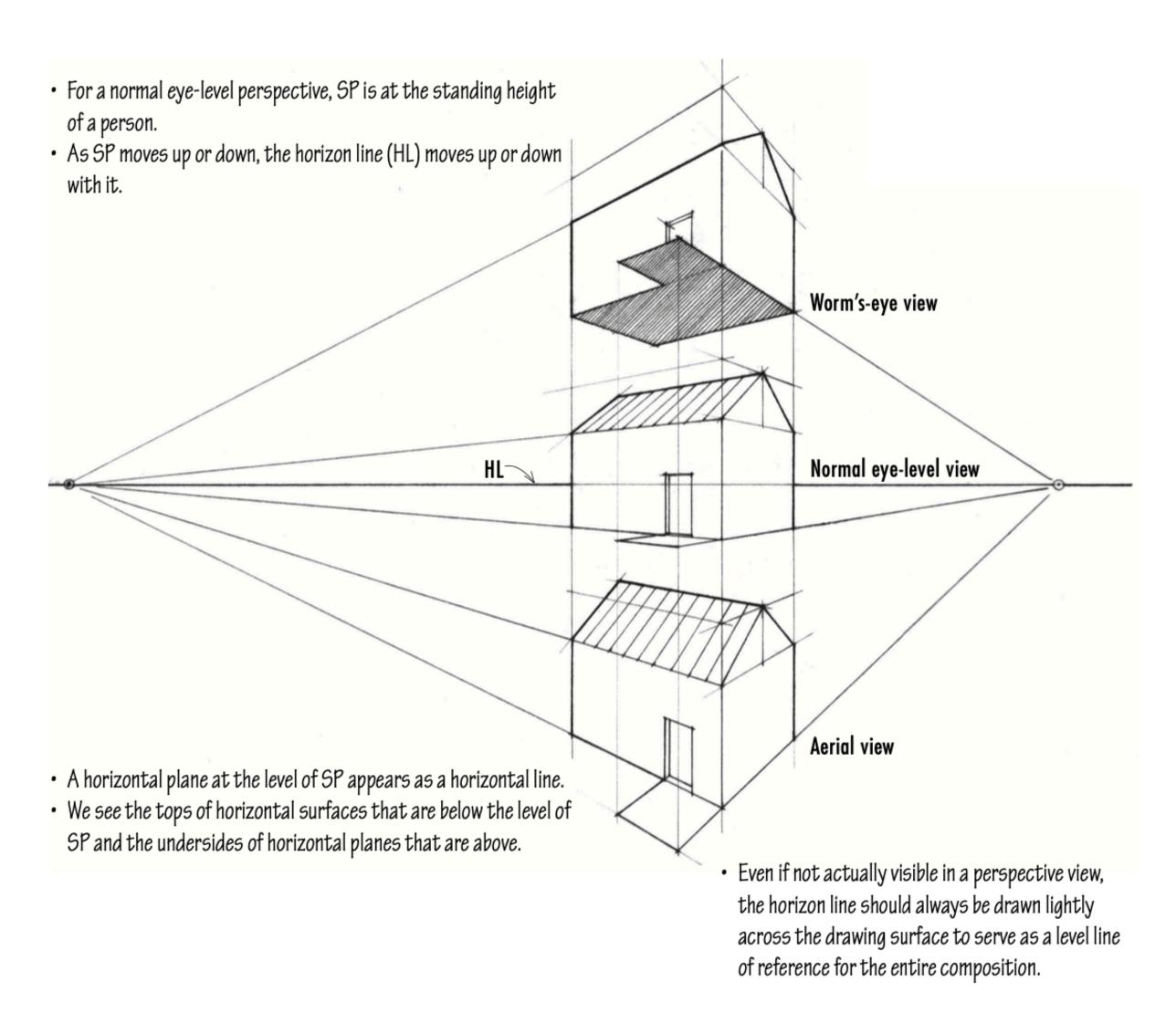


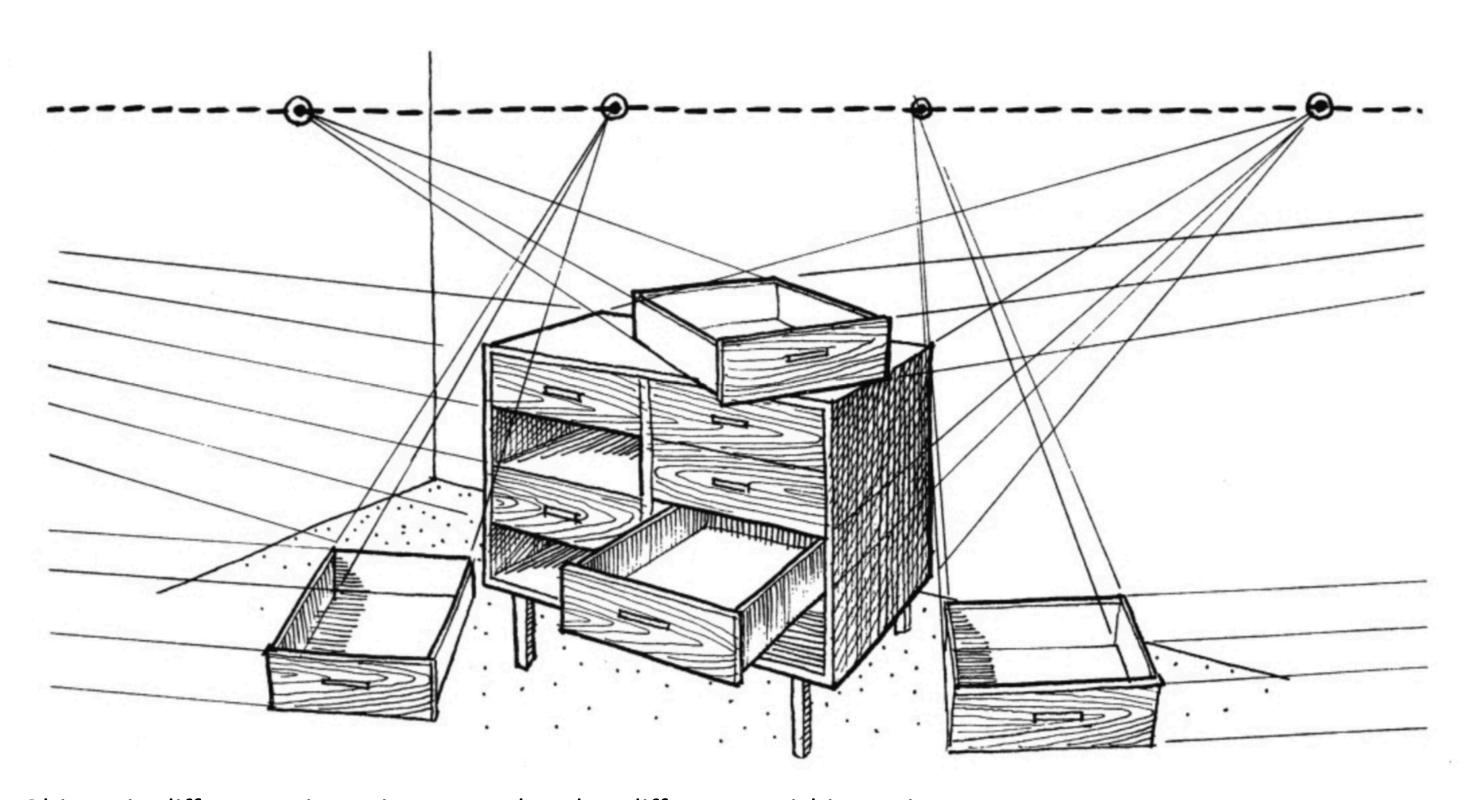








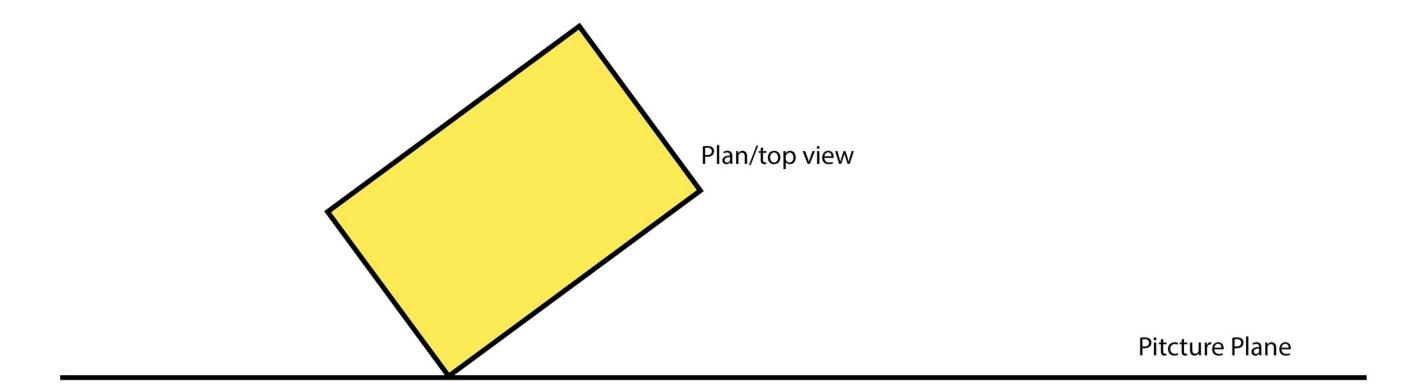


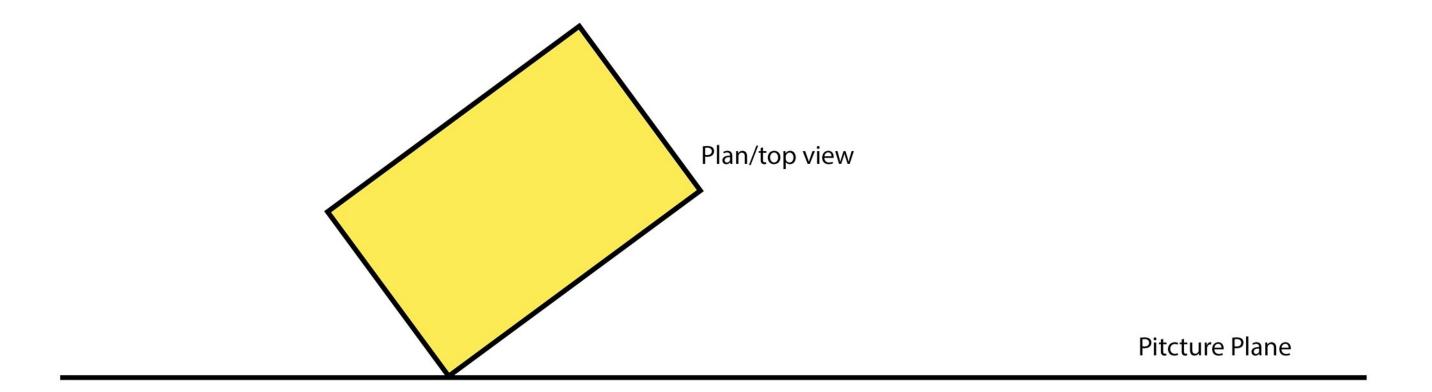


Objects in different orientations are related to different vanishing points

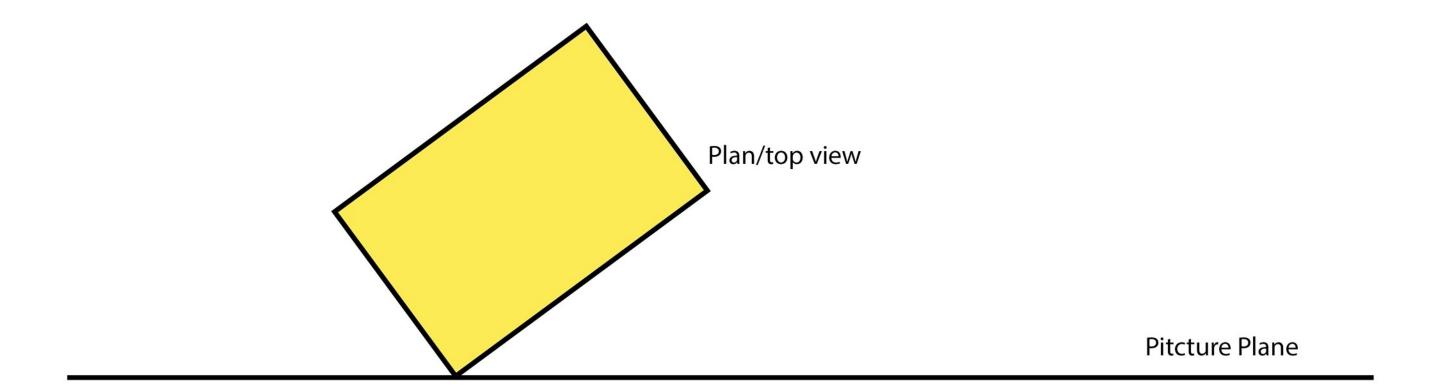
How to draw two points perspective?

Pitcture Plane





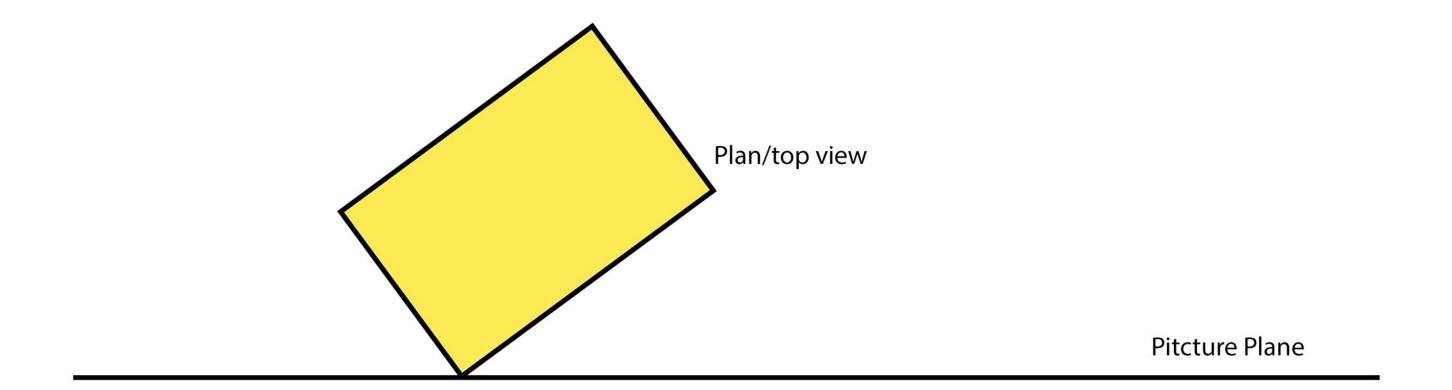




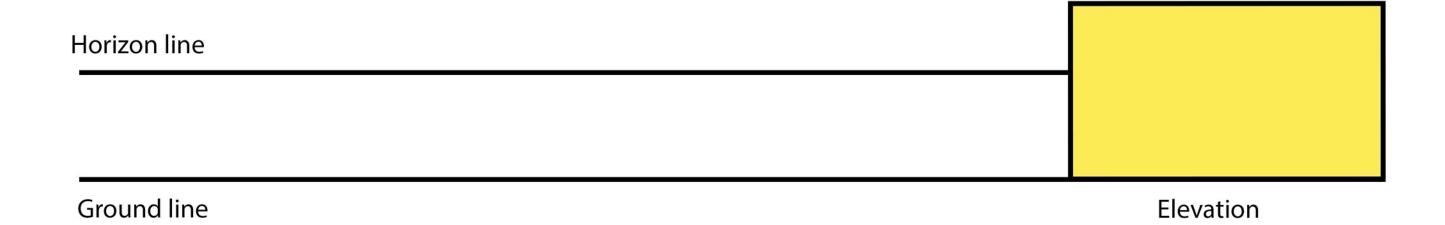


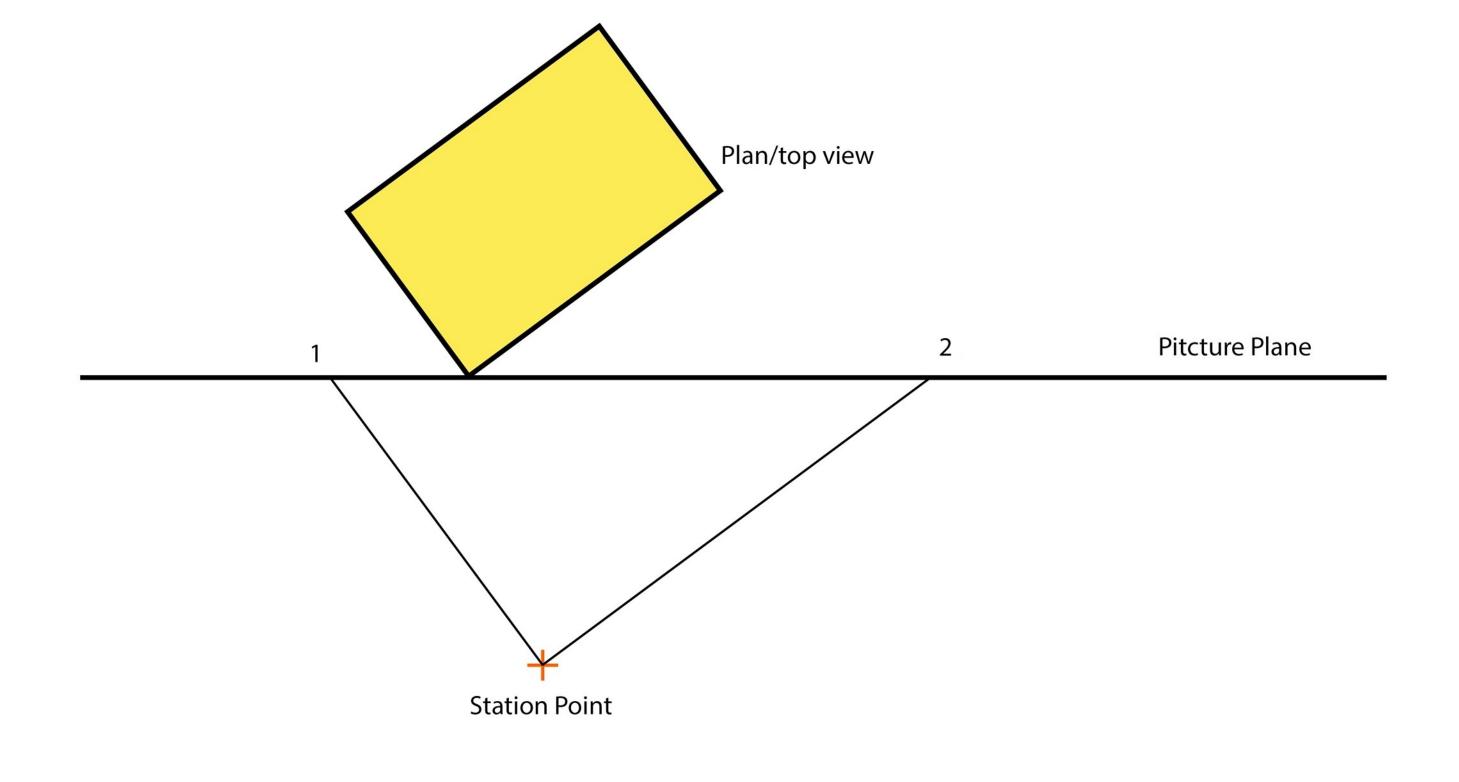


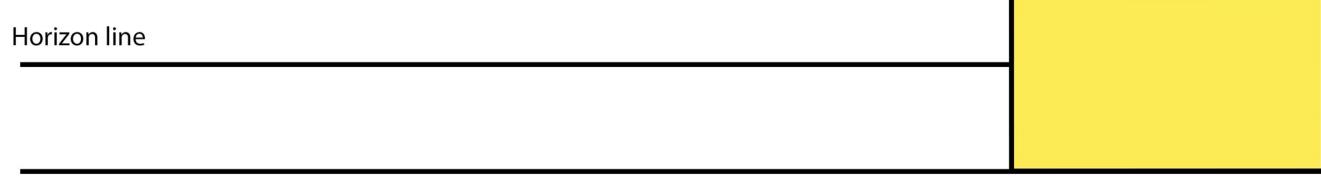
Ground line Elevation



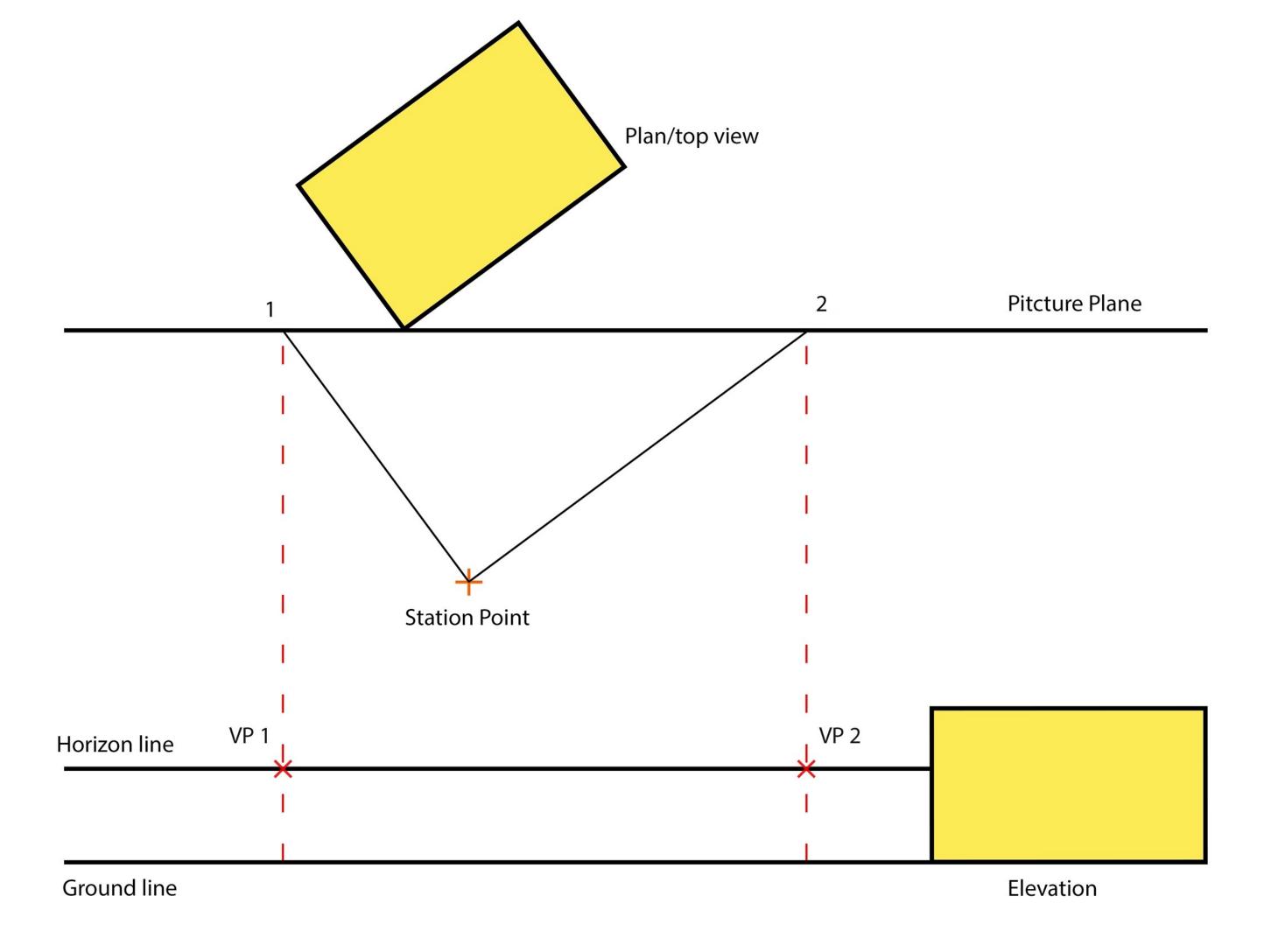


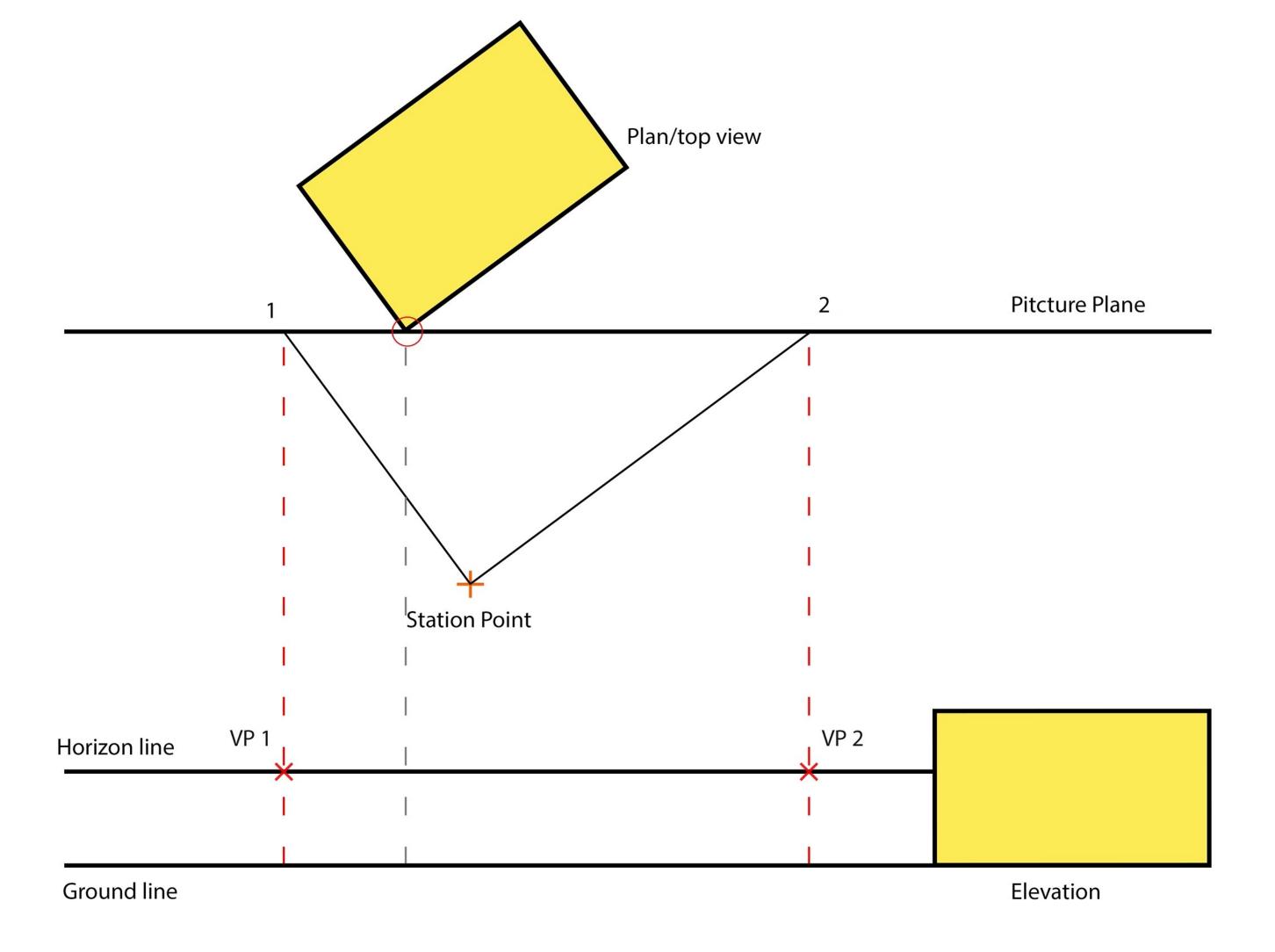


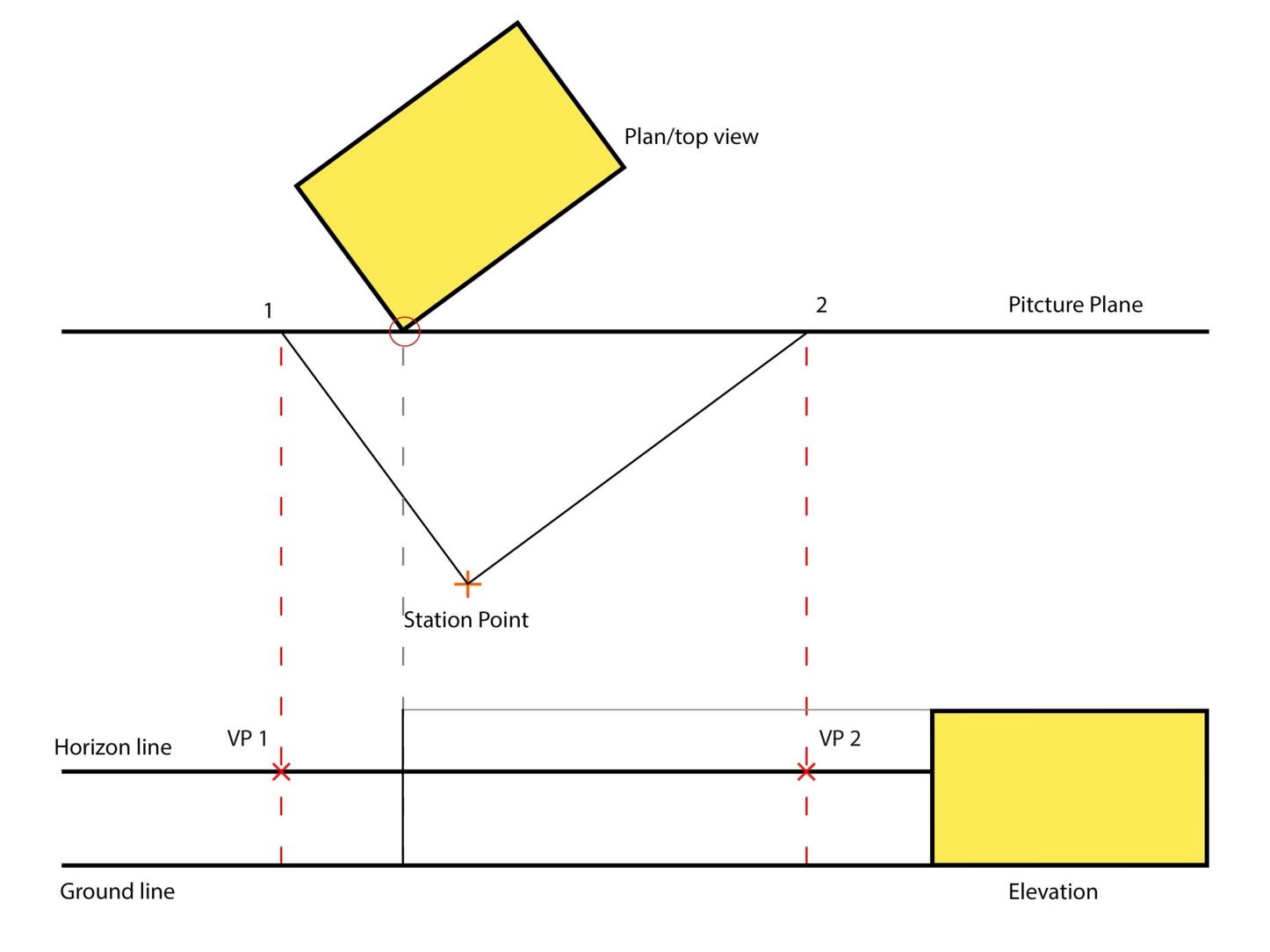


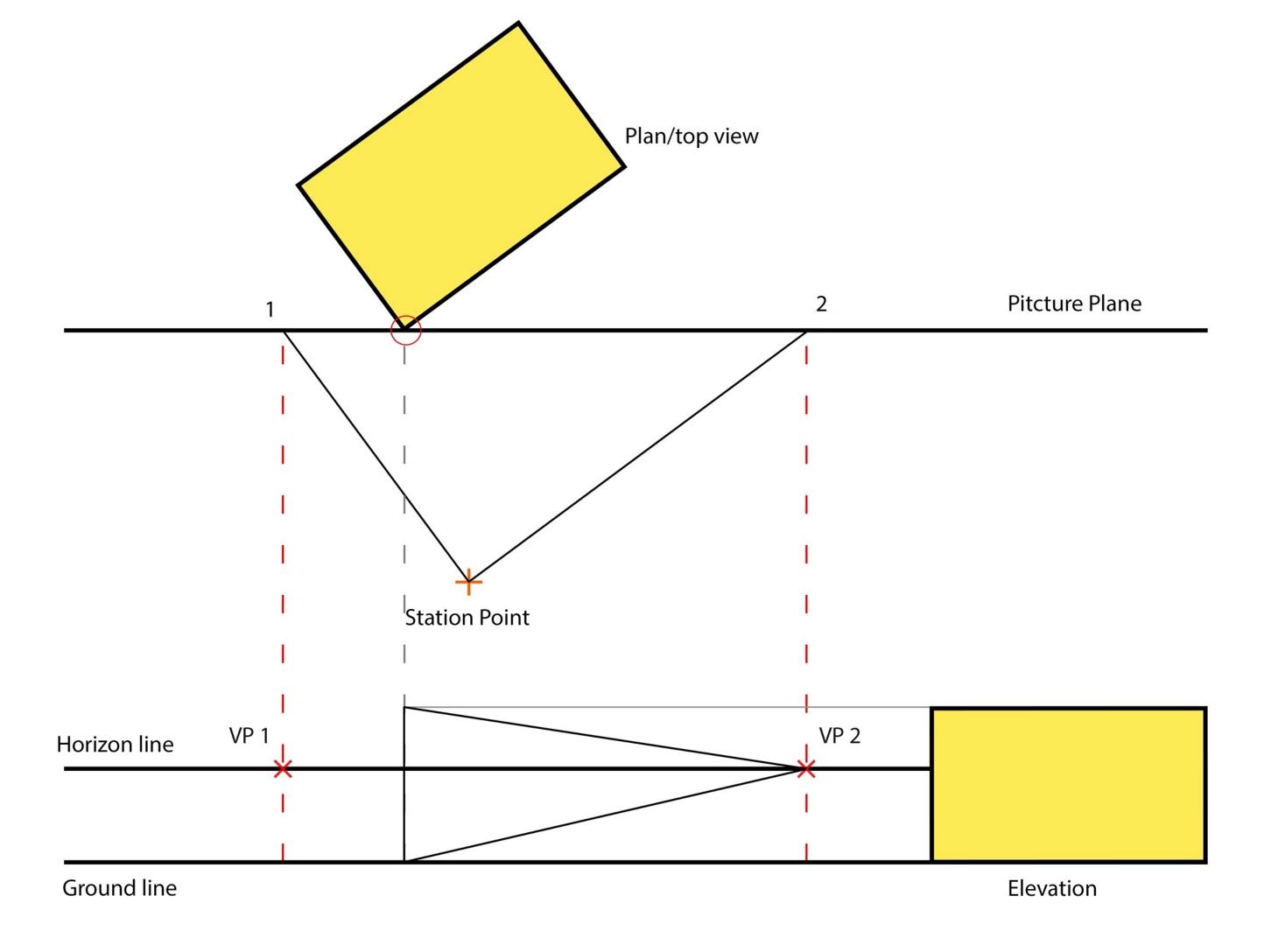


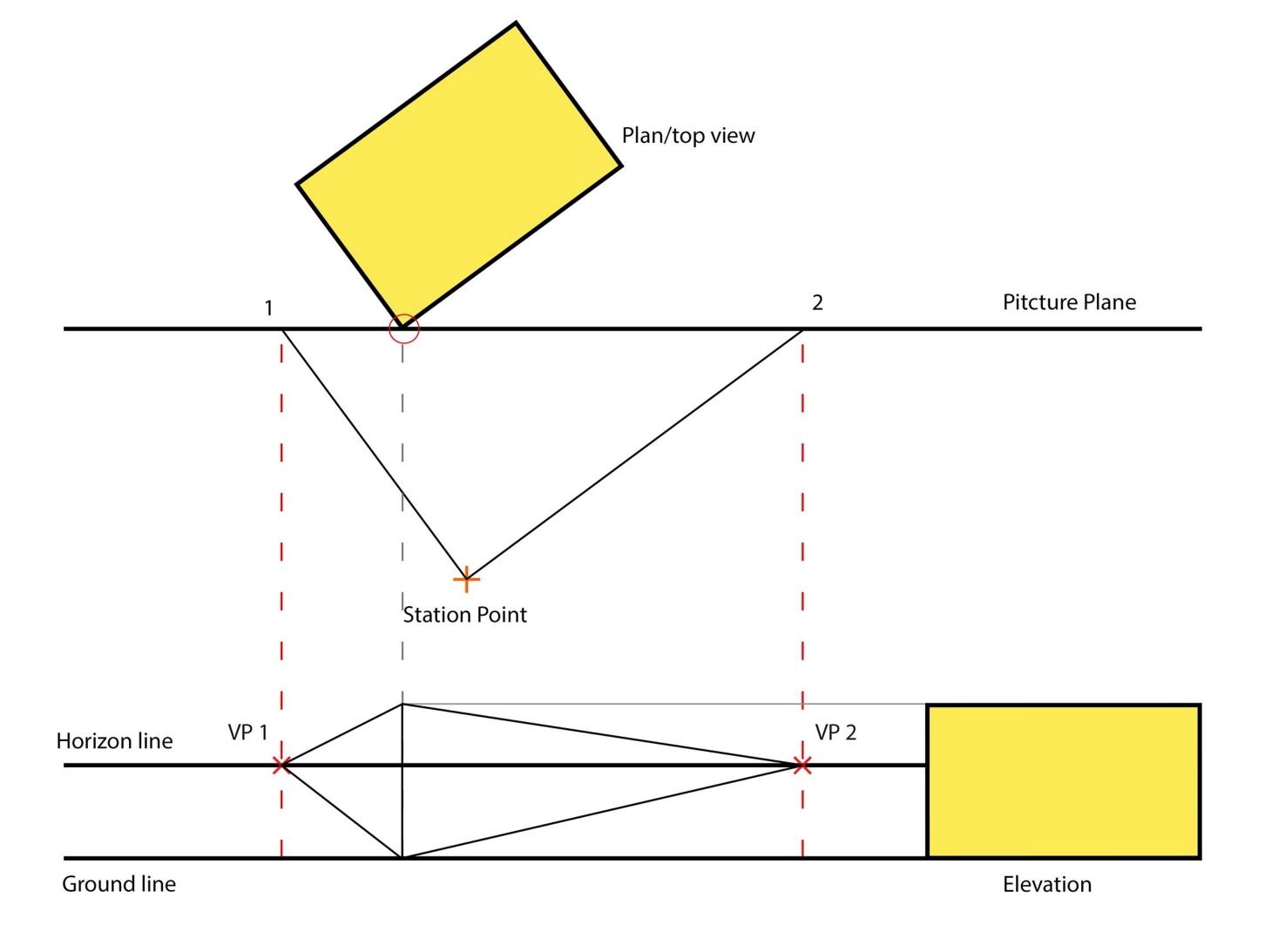
Ground line Elevation

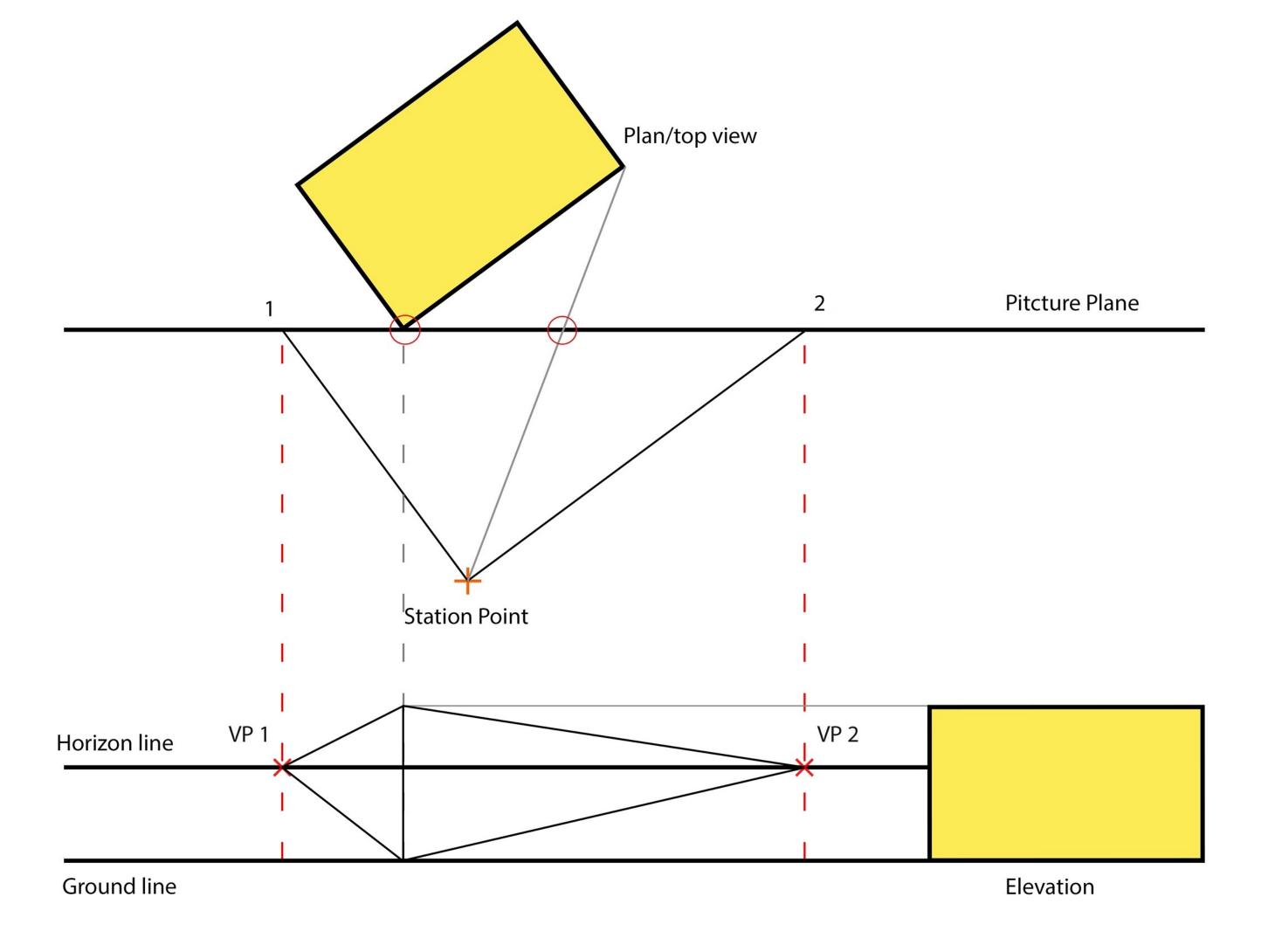


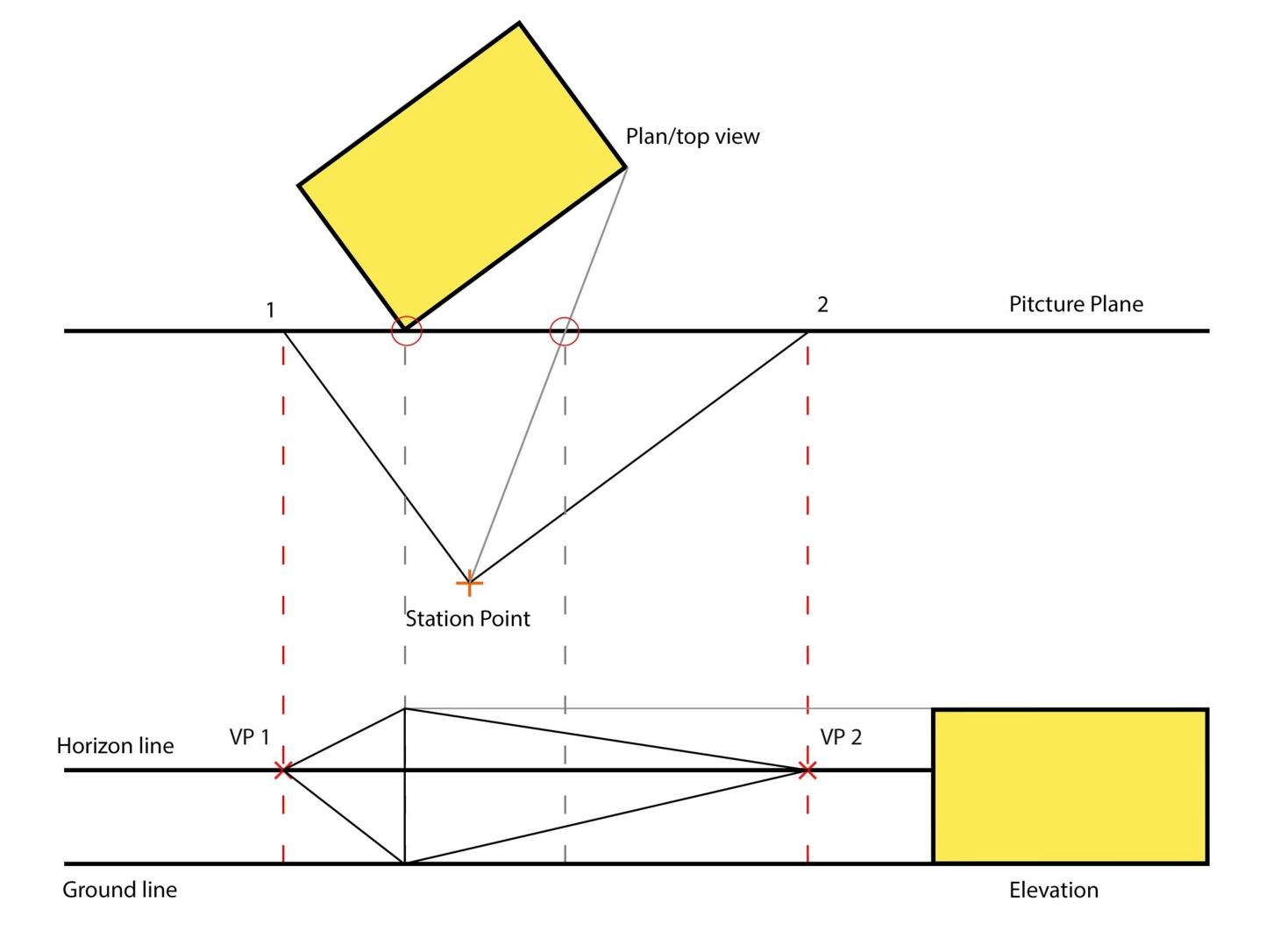


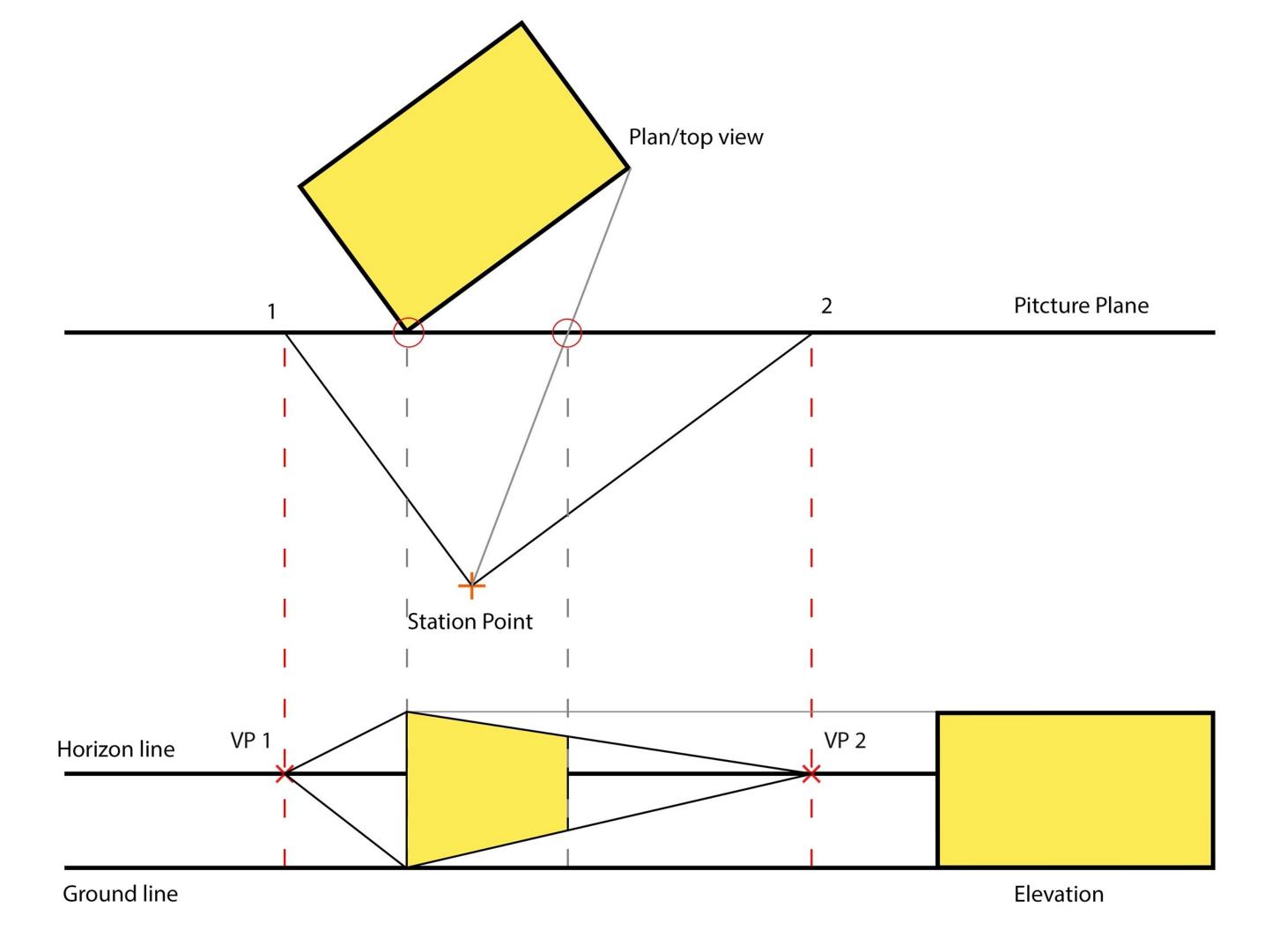


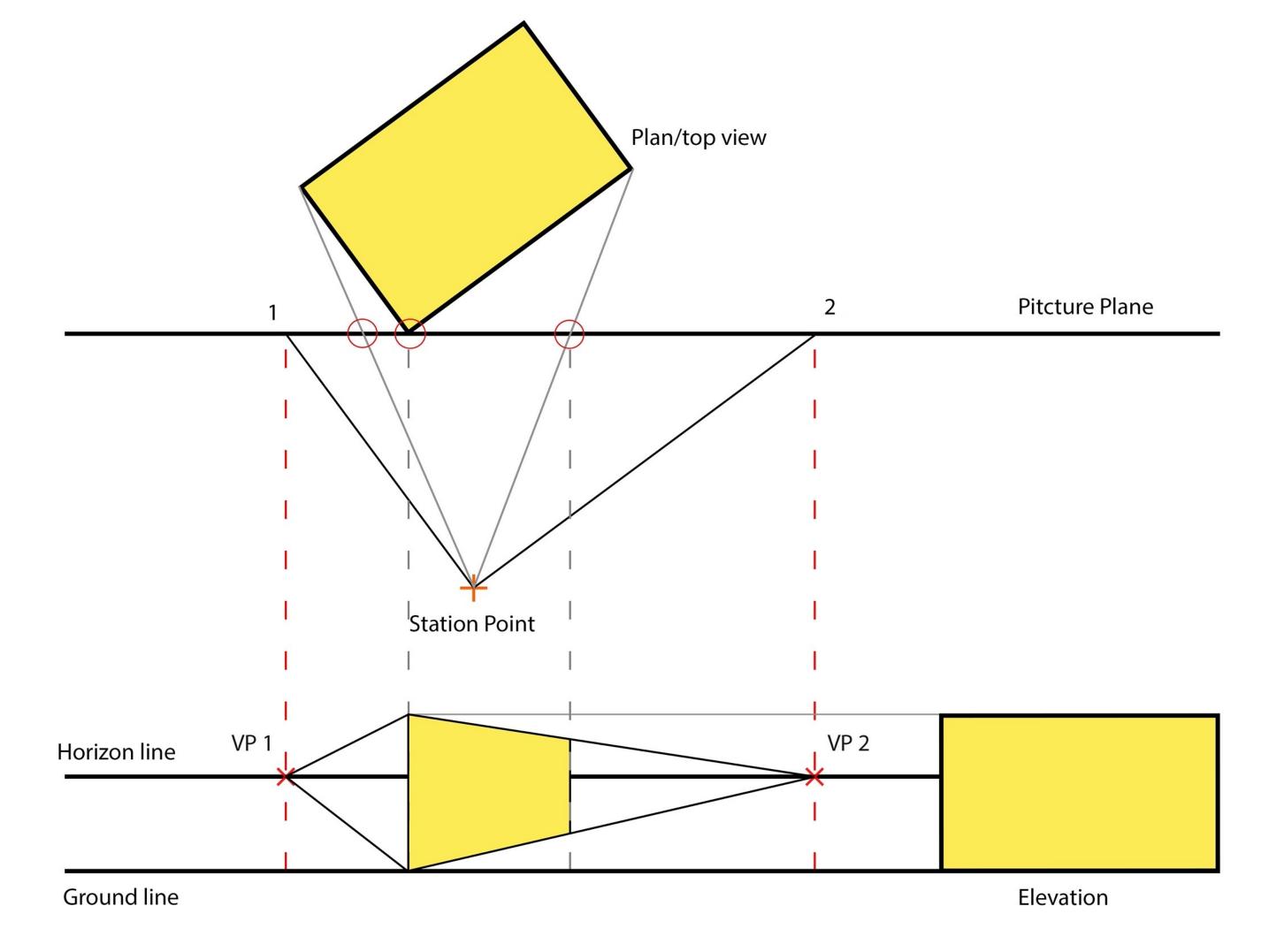


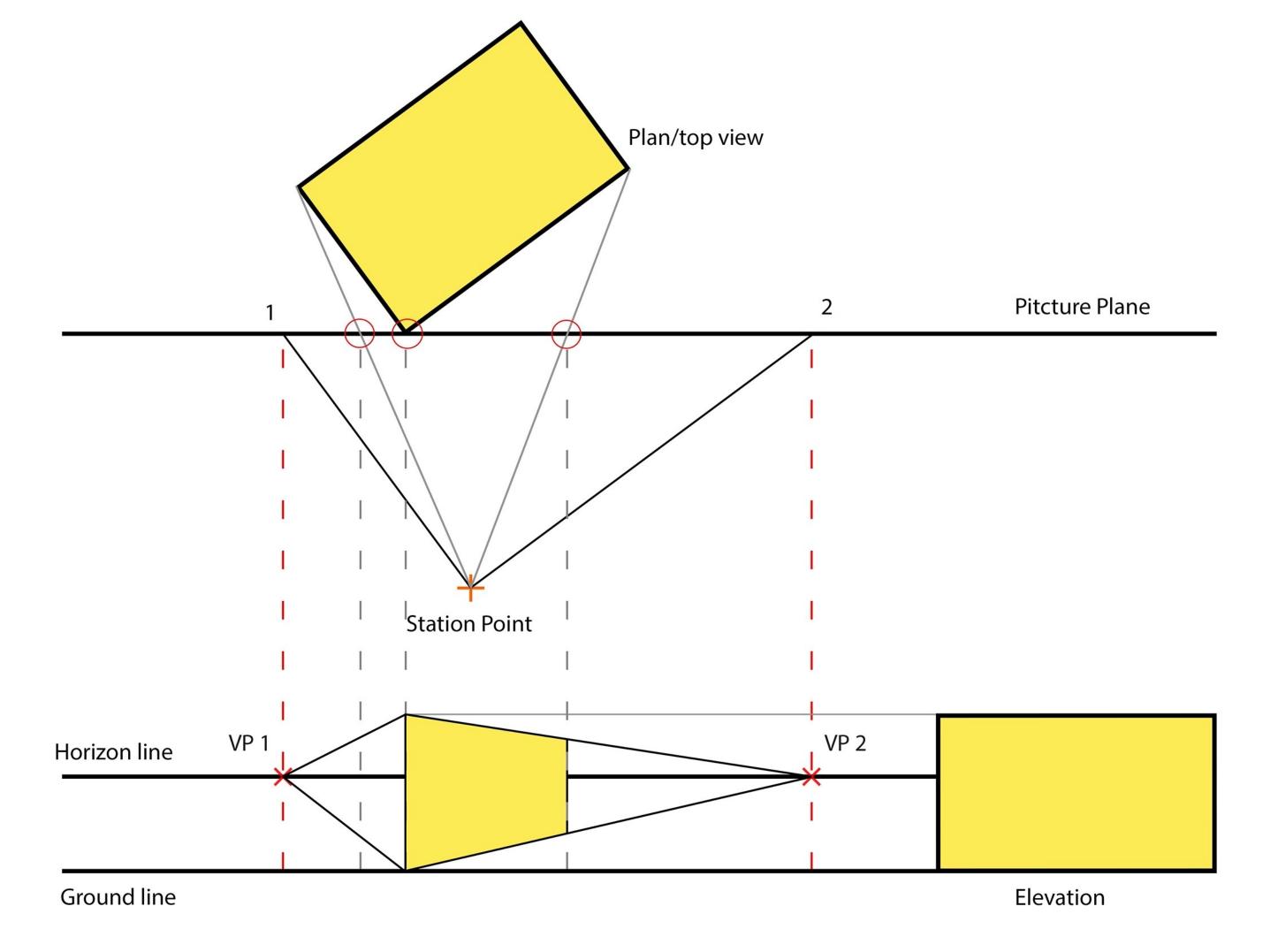


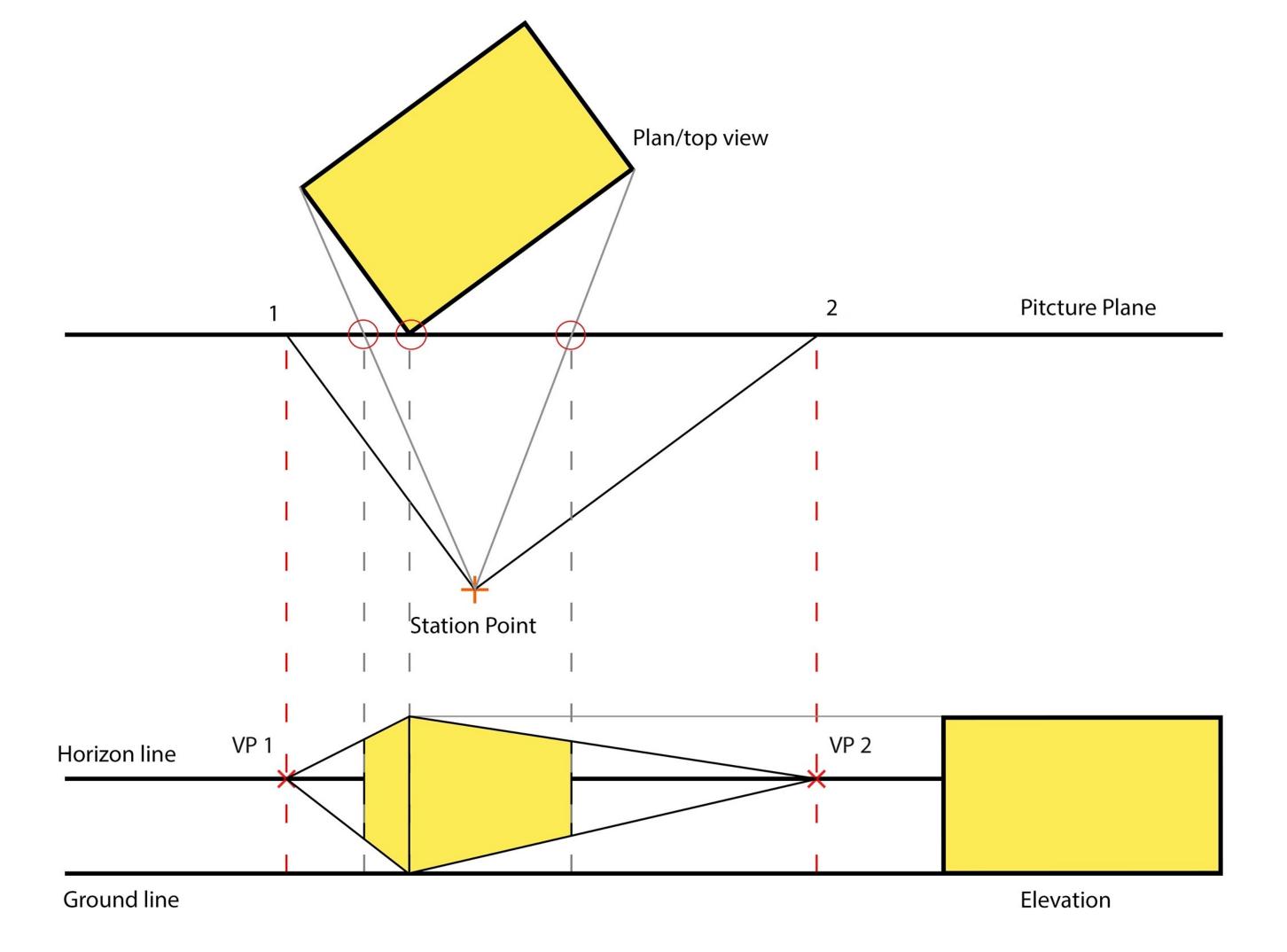




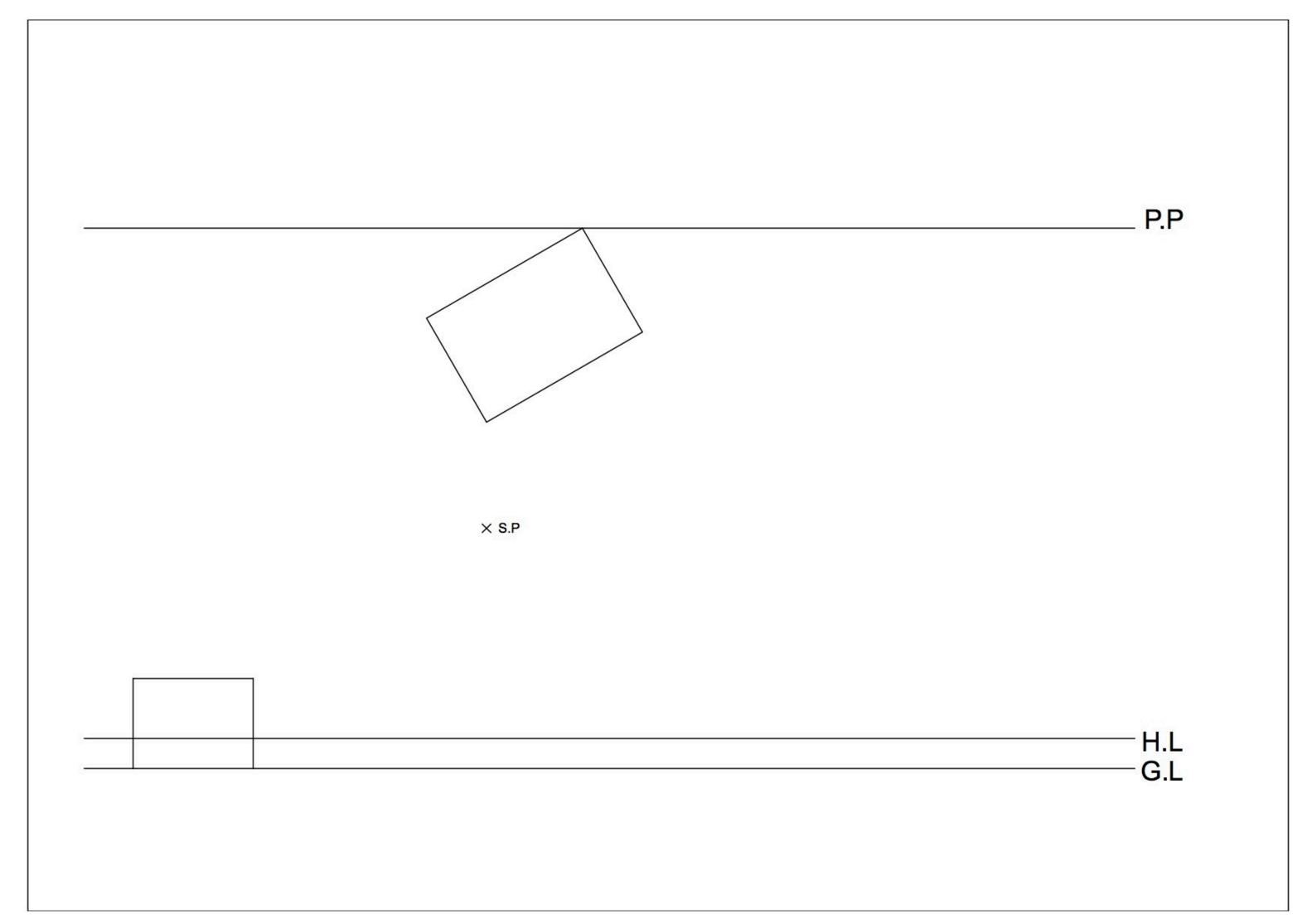


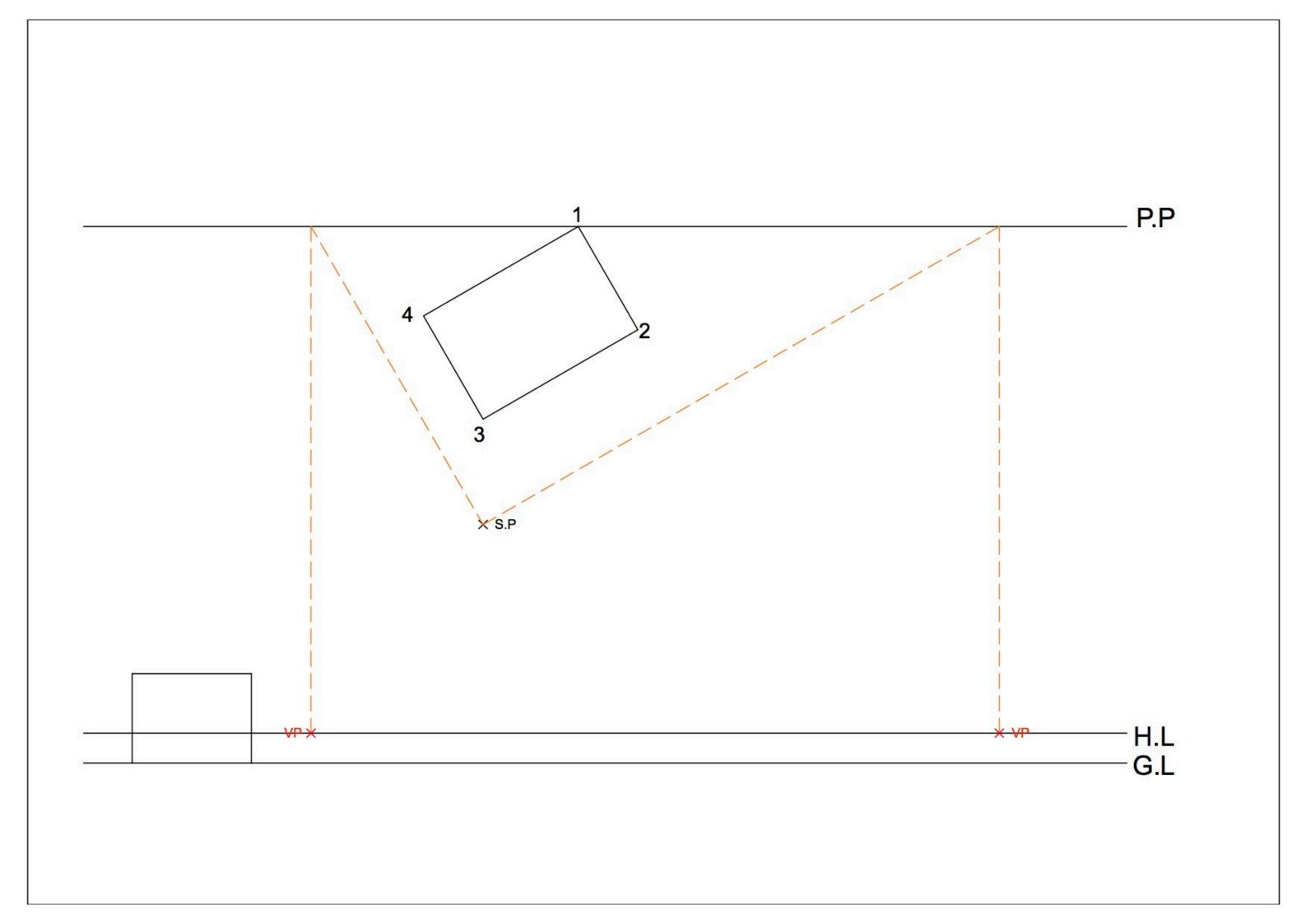


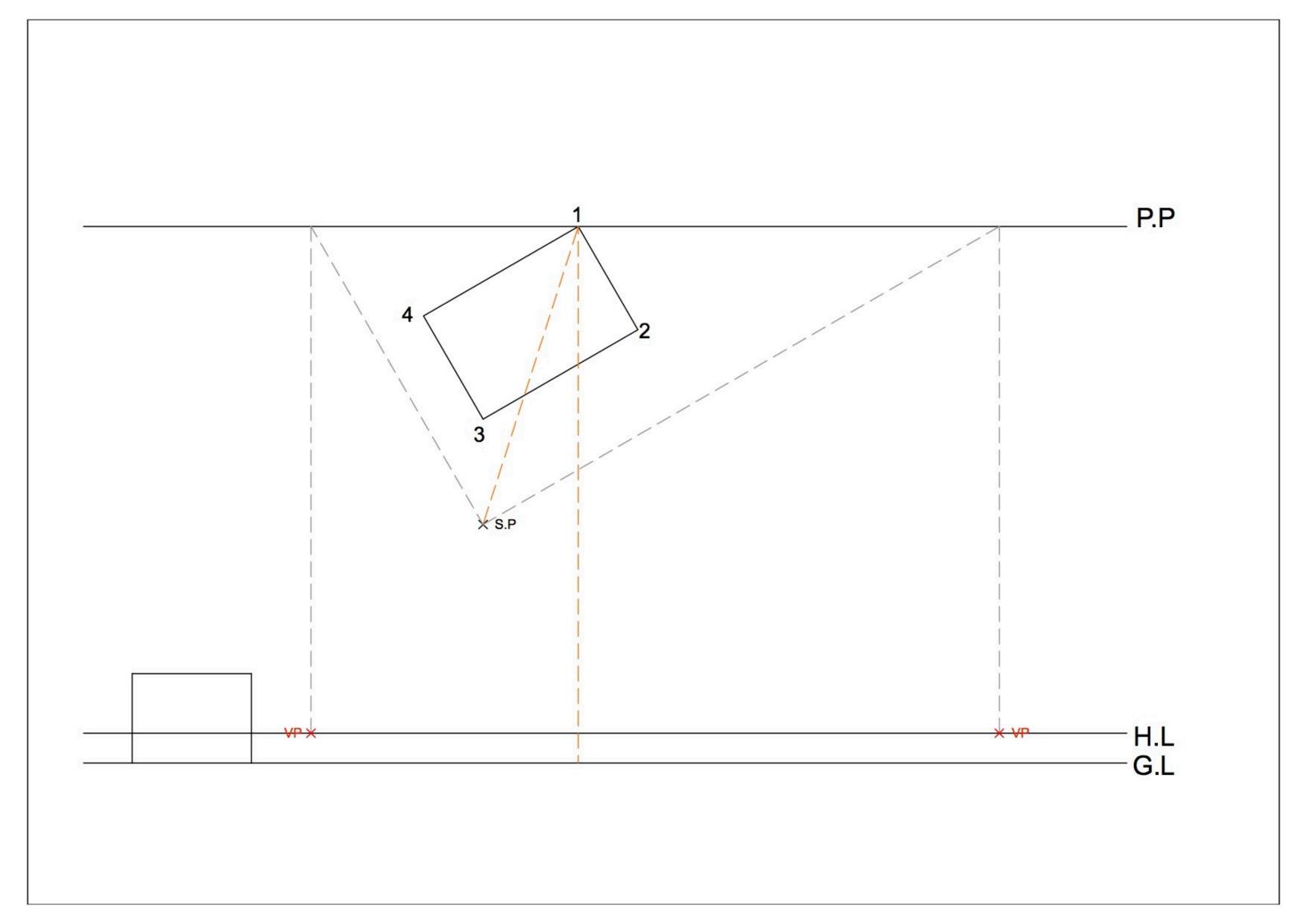


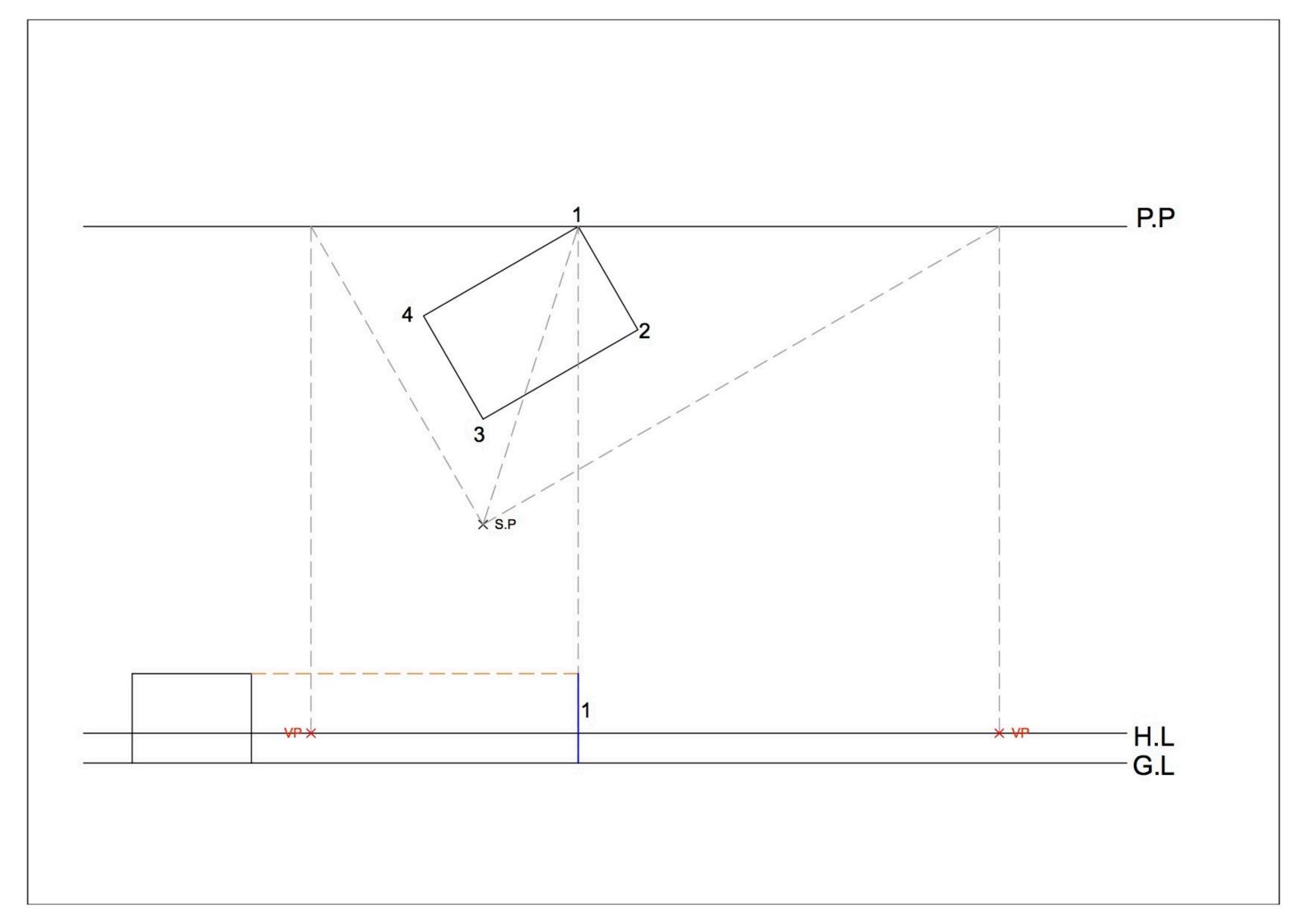


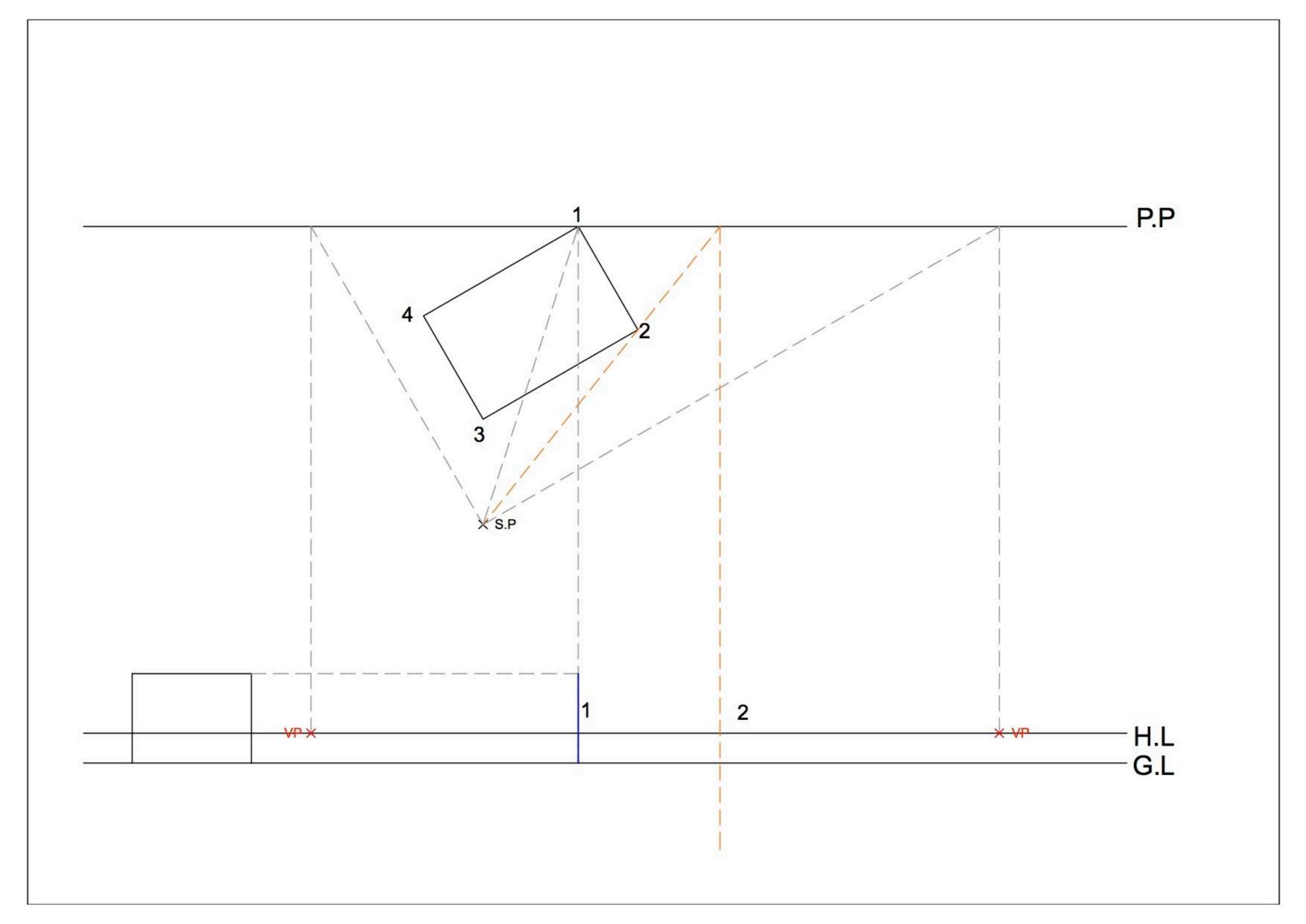


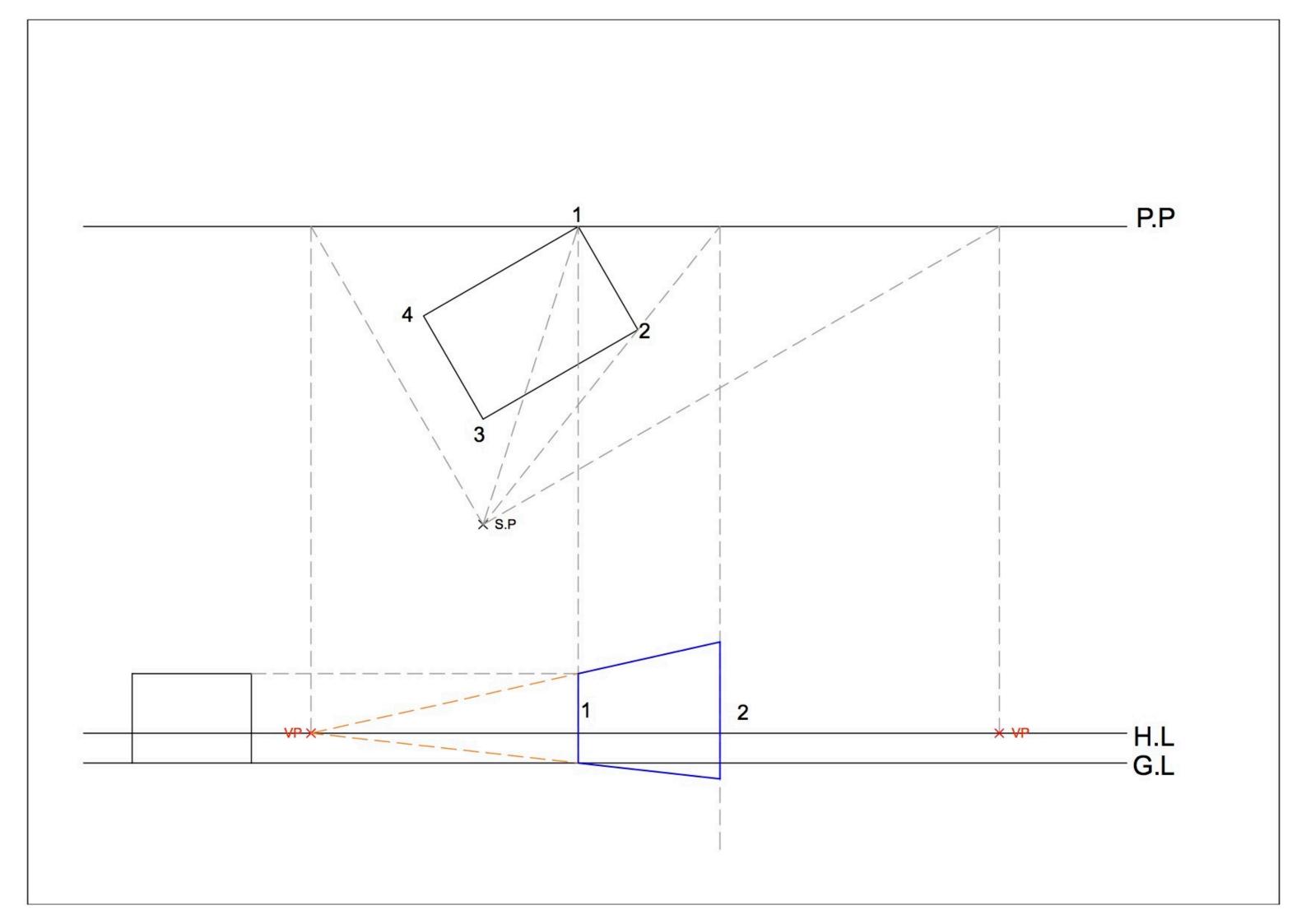


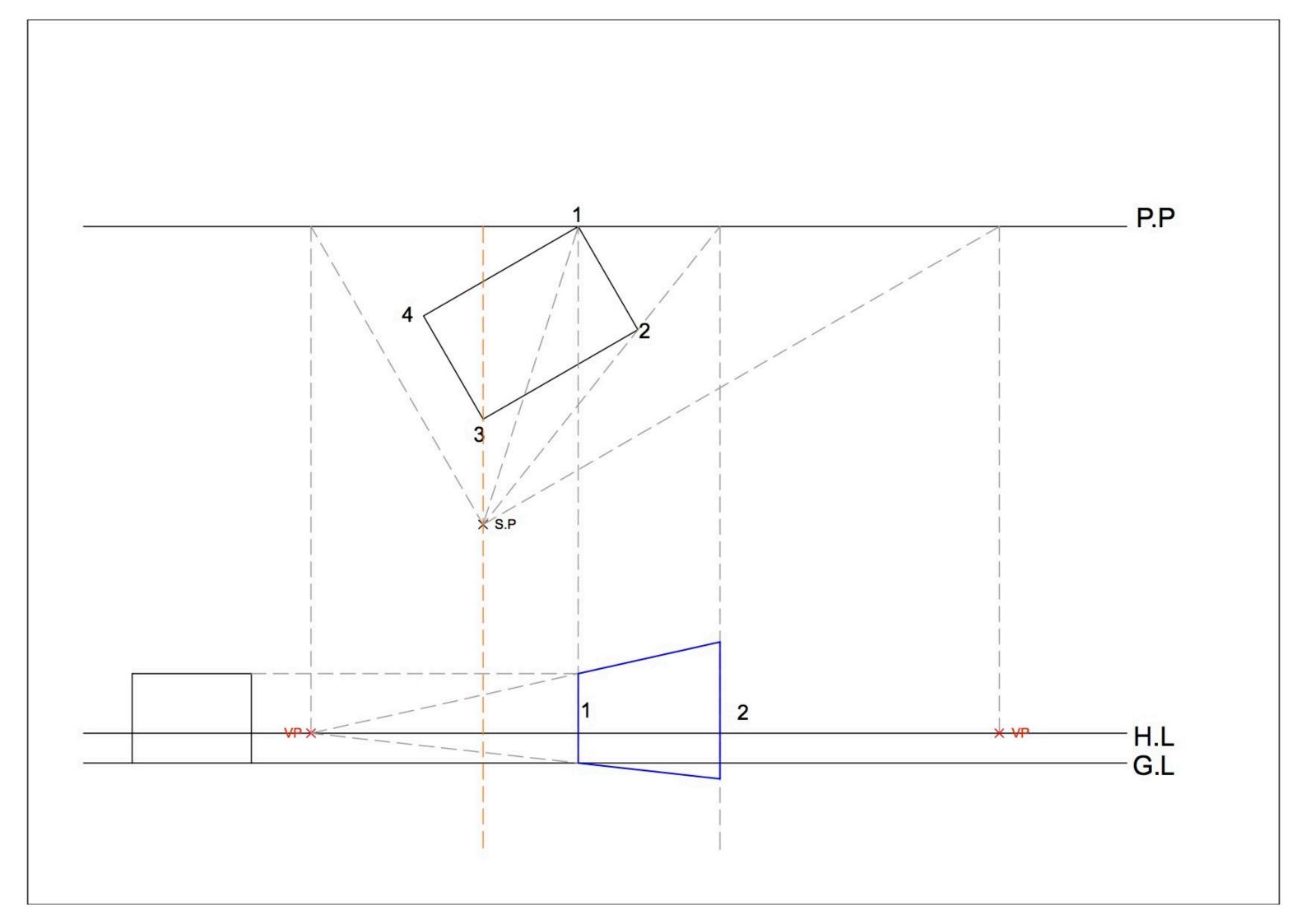


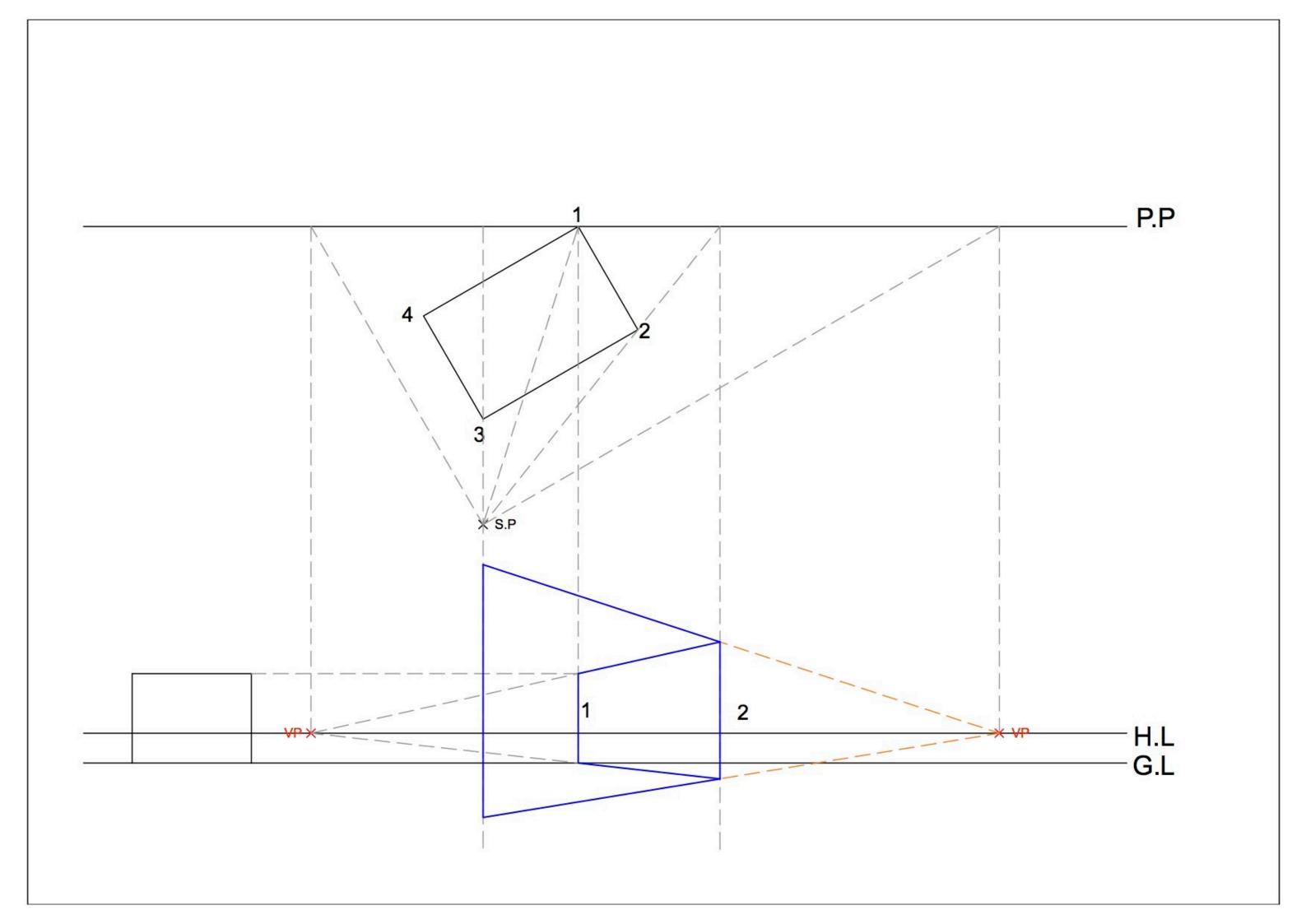


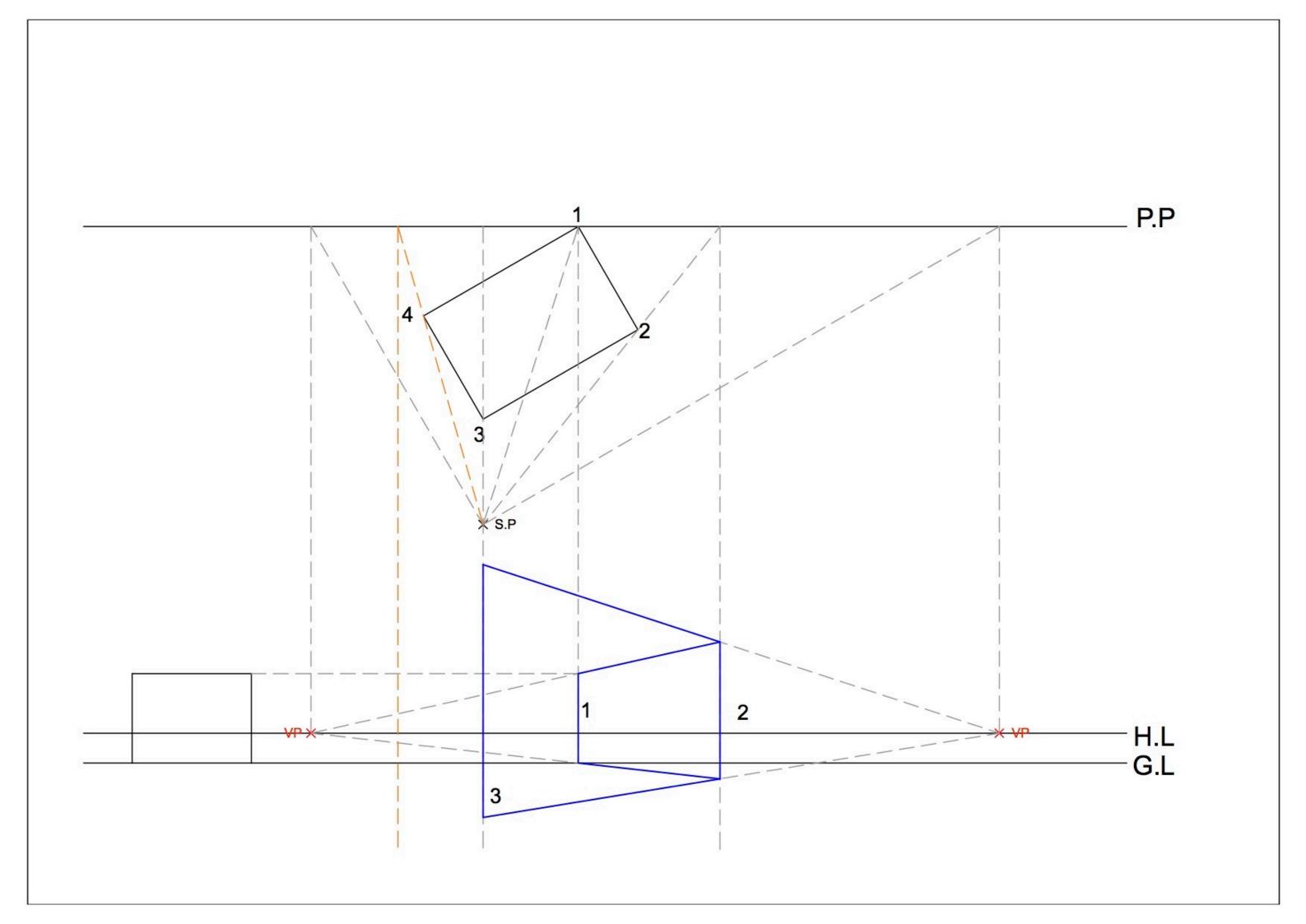


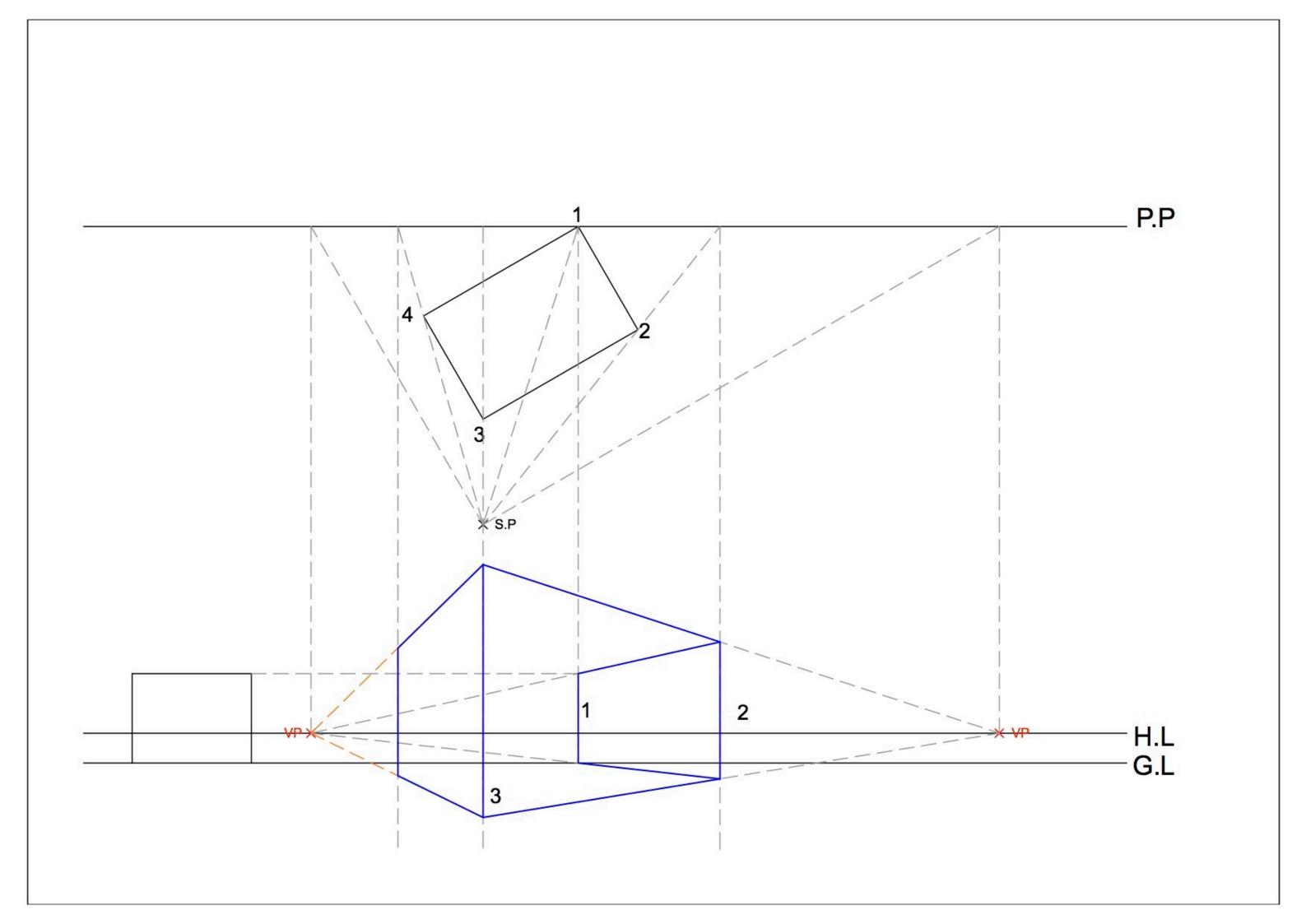


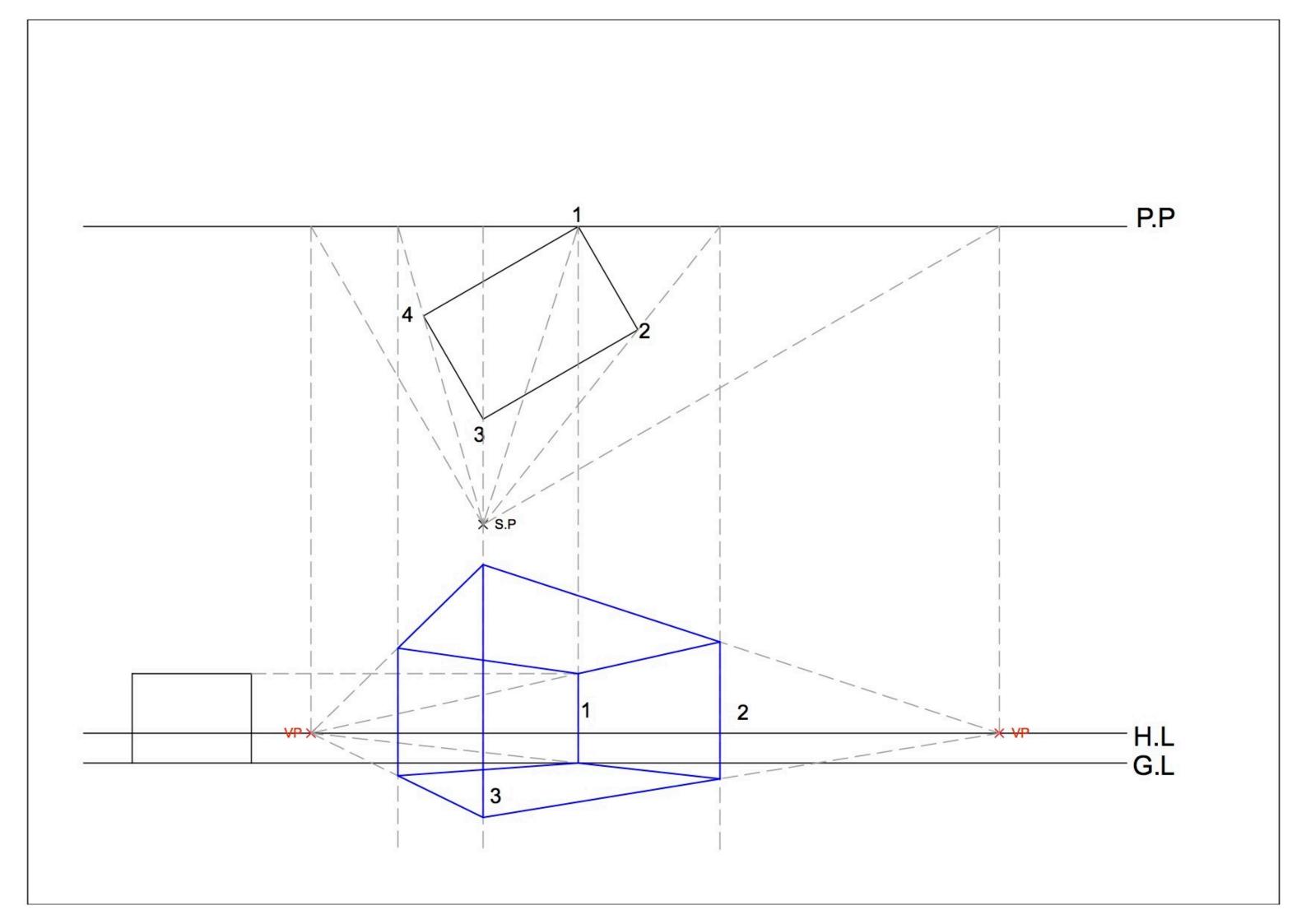












## Youtube link:

https://www.youtube.com/watch?v=BusXC9w2r0I

## Thank you