


Perspecta: 'to look through'
A flat surface gives the illusion of a deep world







## Types of projection drawings

Multi-view
drawings

Paraline
drawings

Perspective drawings

## Multi-view

drawings



Oblique
Dimetric


## Perspective drawings



Two points

Three points

## Perspective

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


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Draw ray tion groundine at VML tove
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Addarchitectural detalis to building. Check scale of details by ving the VML as a
guide., In eceessary use photo research for beievevabe detalis.




Perspective


Perspective
Perspective
projection




Station
point

Picture
Plane

Object

## Perspective

## 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

(B) PARALLEL PROJECTORS IN ALL OTHER DRAWING

## Perspective

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



## Perspective



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Perspective


Perspective

$\square$ Perspective


Location of Station point


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




- For a normal eye-level perspective, SP is at the standing height of a person.
- ASSP moves up or down, the horizon line (HL) moves up or down

- Even if not actually visible in a perspective view, the horizon line should always be drawn lightly across the drawing surface to serve as a level line of reference for the entire composition.


Objects in different orientations are related to different vanishing points
$\square$ How to draw two points perspective?




Station Point



Horizon line

Ground line
Elevation


Horizon line

Ground line
Elevation












## Example













Youtube link:
https://www.youtube.com/watch?v=BusXC9w2rOI

## Thank you

