

The background of the entire page is a blurred photograph of a sketchbook. It shows architectural sketches, including what appears to be a winged figure or a large insect, drawn with a black pen. The pen is visible in the lower left, and the sketches are spread across the pages.

# **SKETCH** Like an Architect

WORKSHEETS

Sketchbook Revival Workshop

# 2021

# SKETCH Like an Architect

Dear sketcher,

Thank you very much for joining my sketching workshop at the Sketchbook Revival!

**In this PDF document, you'll find worksheets for practicing along with me during the workshop. I recommend printing these out or pasting them in your favourite drawing app in advance so you're ready to go when we start!**

Can't wait to share my tips & tricks on architectural sketching with you!

Happy sketching!



David Drazil, MSc.

- Young Architect Who Loves to Sketch
- Online Teacher, Author, External Lecturer
- Founder of [SketchLikeAnArchitect.com](http://SketchLikeAnArchitect.com)

Click on the icons to get in touch!



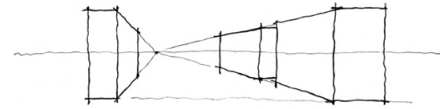
[SketchLikeAnArchitect.com](http://SketchLikeAnArchitect.com)



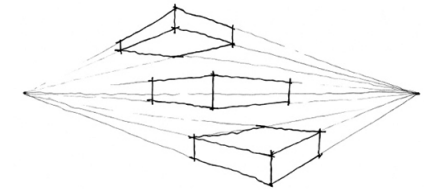
# Types of Perspective

What are different types of perspective and when you should use them?

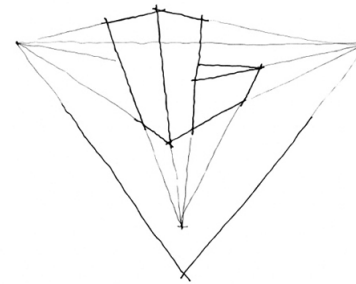
- Atmospheric Perspective
- Linear Perspective
  - 1-point perspective
  - 2-point perspective
  - 3-point perspective
  - Multi-point perspective
- Curvilinear Perspective
  - 4-point perspective
  - 5-point perspective
  - 6-point perspective



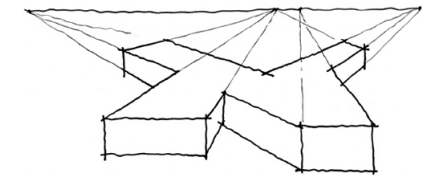
1-point perspective



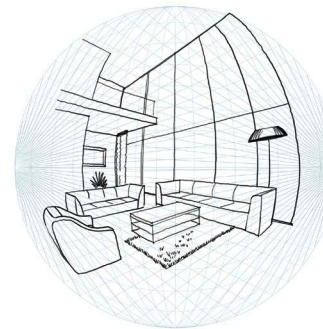
2-point perspective



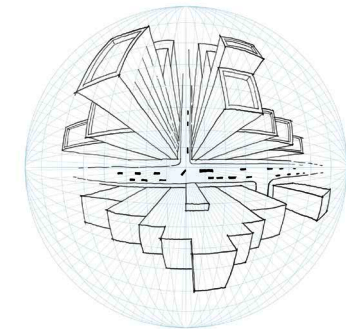
3-point perspective



Multi-point perspective



4-point perspective



5-point perspective



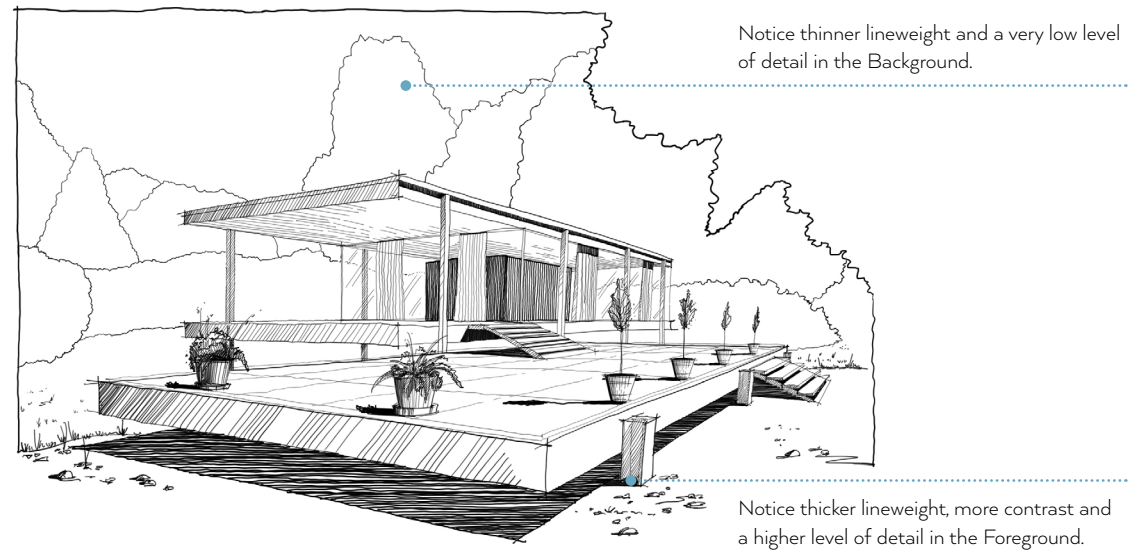
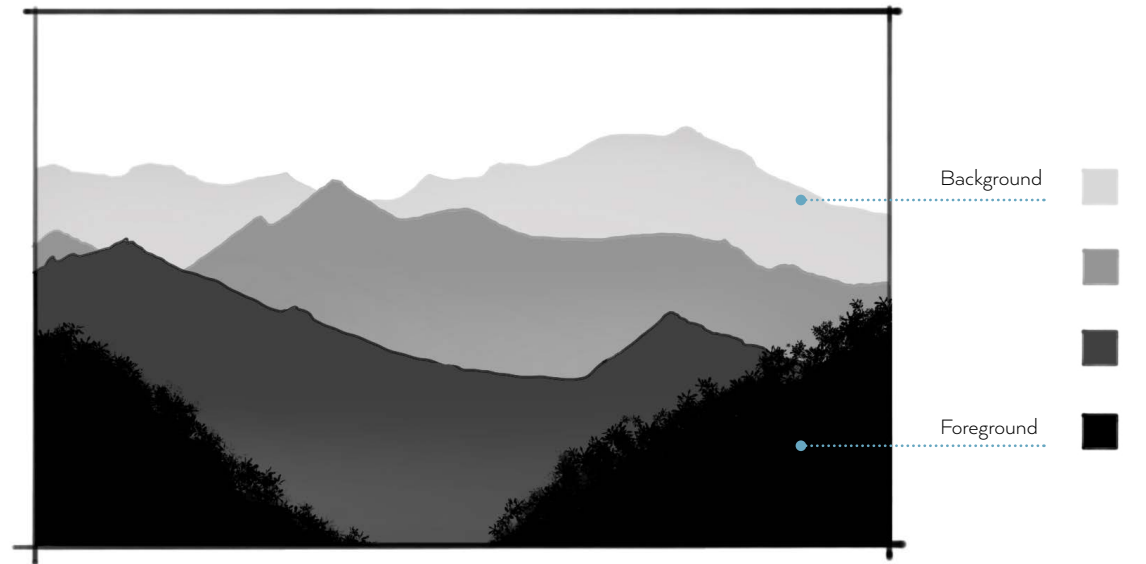
# Aerial Perspective

Atmospheric, or aerial perspective is a different type from linear perspective.

While linear perspective is based on lines and geometry, atmospheric one deals with changes of tonal value and has been traditionally used mainly in painting.

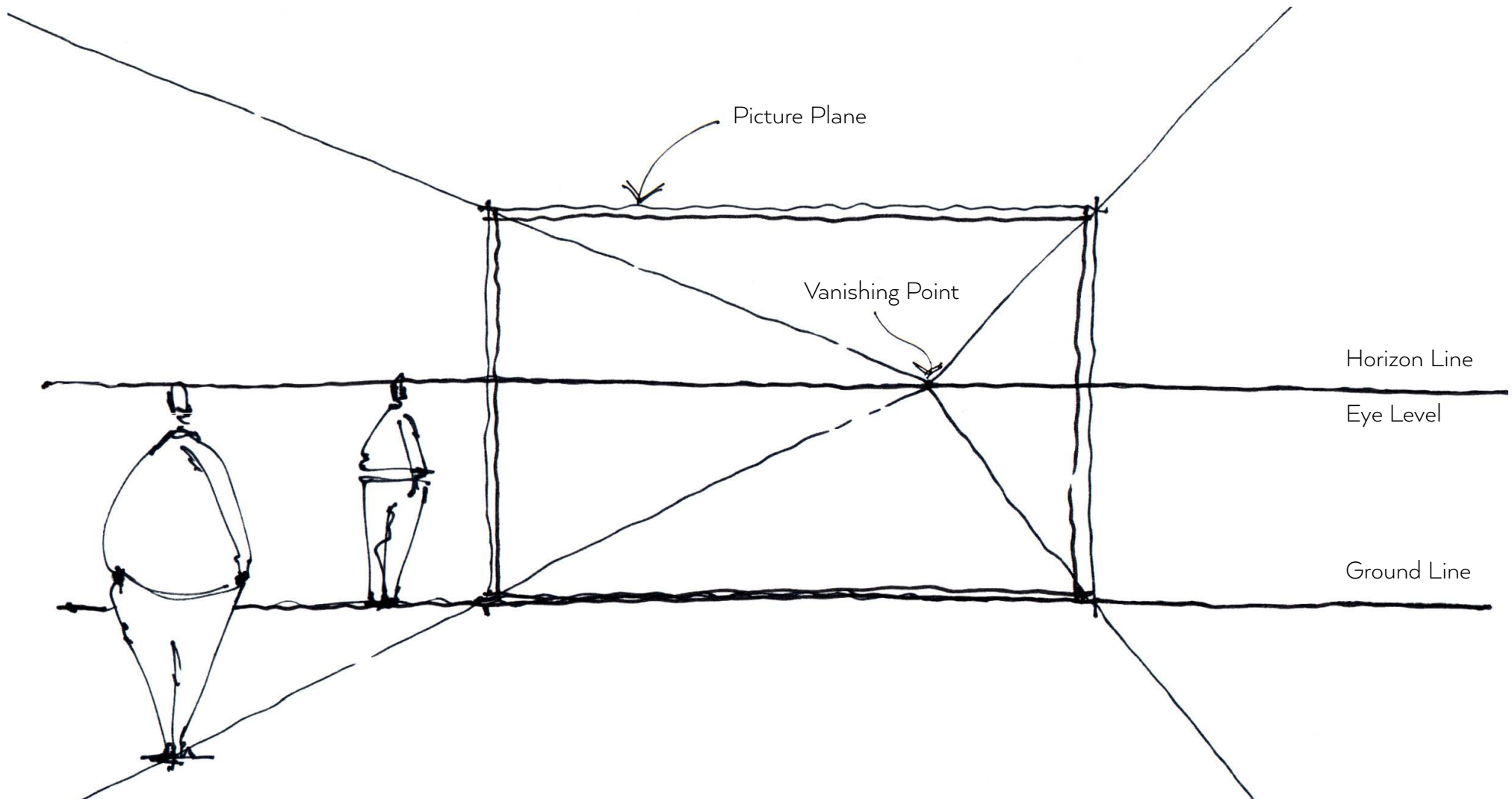
This technique creates an illusion of depth in an image. Because of the 'thickness' of atmosphere, more distant objects from the viewer appear less saturated, with lower contrast, and paler/brighter than the closer objects.

However, atmospheric perspective can be also applied to line-based drawings. See the example on this page for more details.



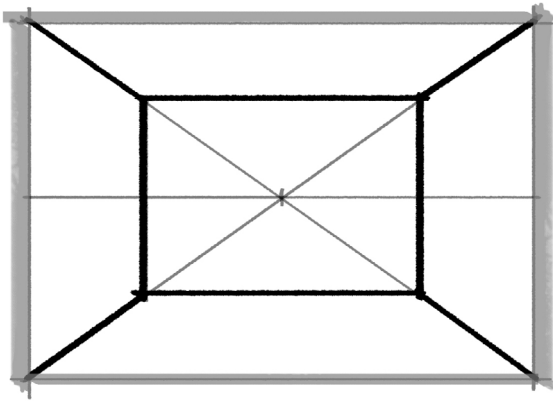


# 5 Elements of Perspective





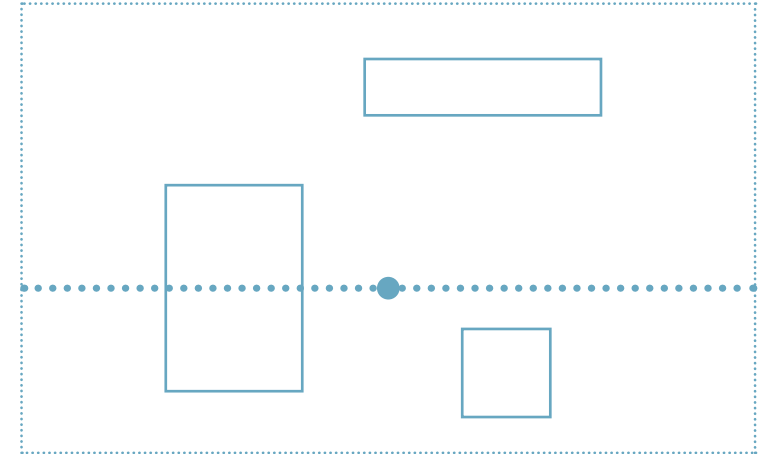
# 1-Point Perspective



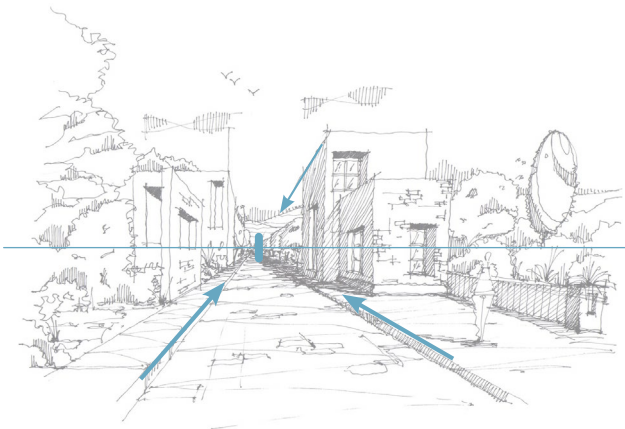
Frontal Interior View Structure (Central Perspective)



Frontal Interior View



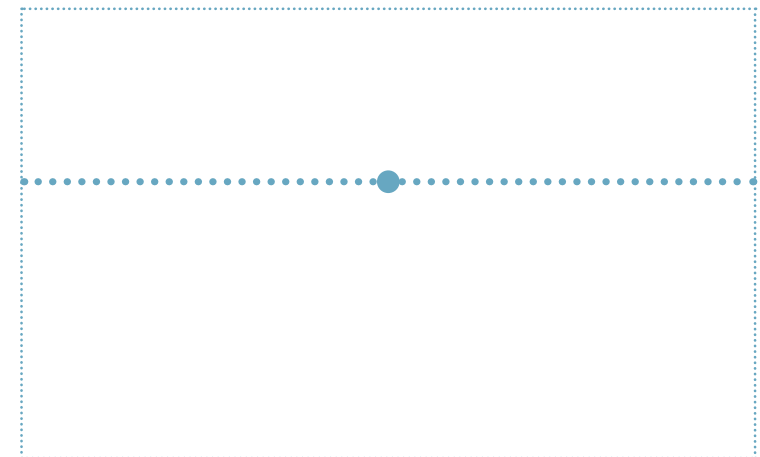
Your Turn!



Horizon Line, Vanishing Point, and Orthogonals of a Frontal Exterior View



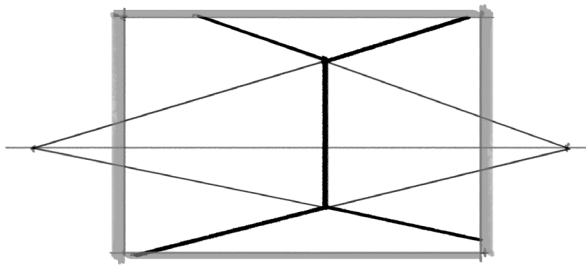
Frontal Exterior View



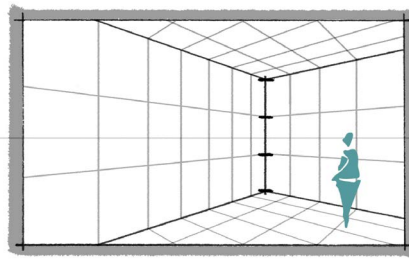
Your Turn!



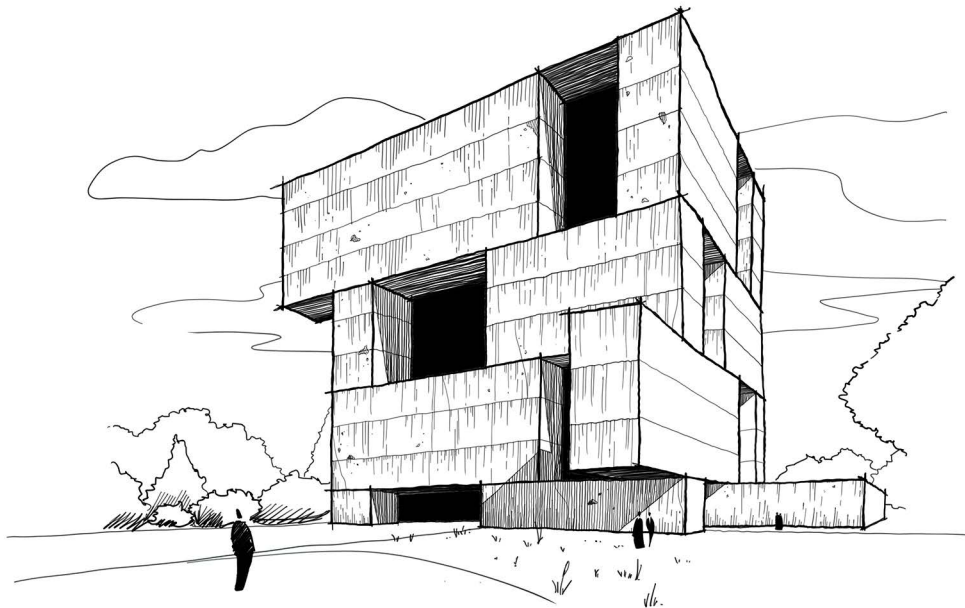
# 2-Point Perspective



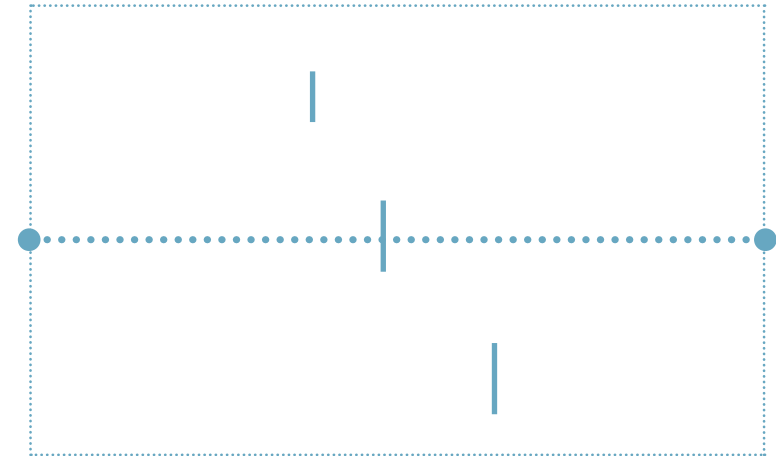
Angular Interior View Structure



Angular Interior View Grid



Exterior 2-point perspective view - Innovation Center UC, Chile, Alejandro Aravena



Your Turn!

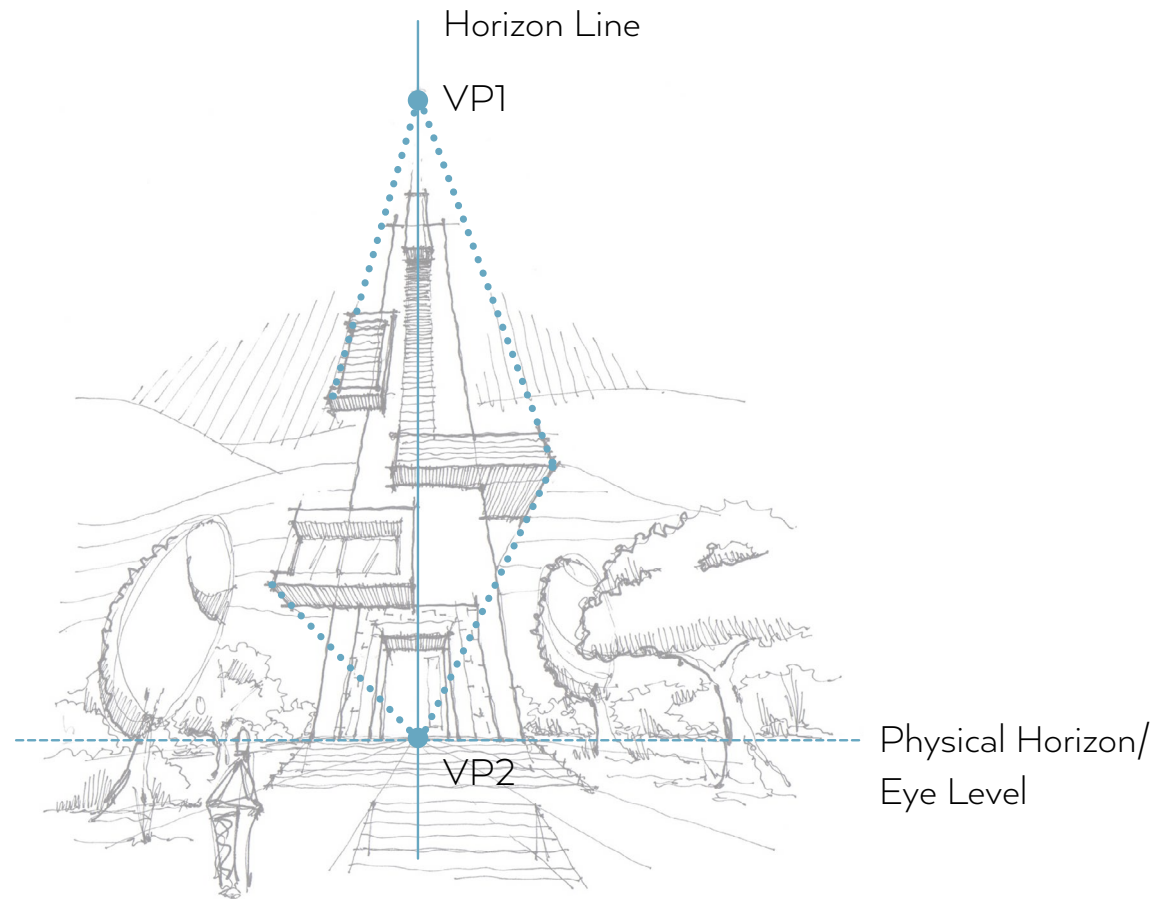
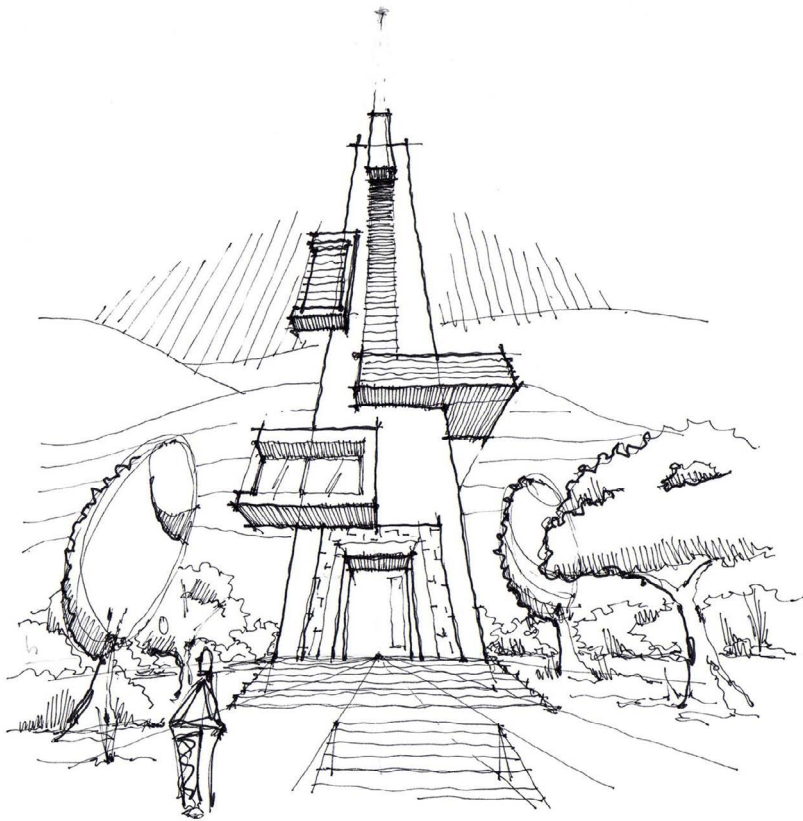


Your Turn!



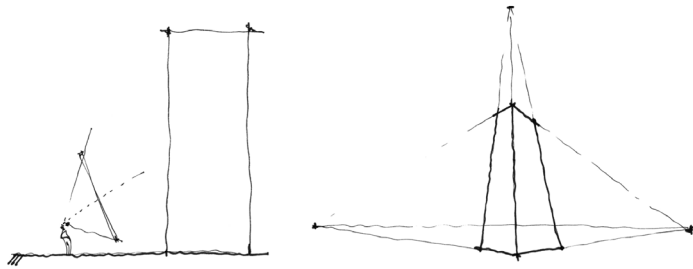
VERTICAL

# 2-Point Perspective

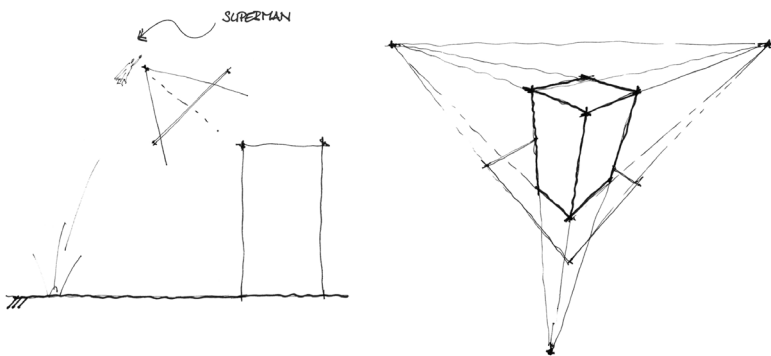




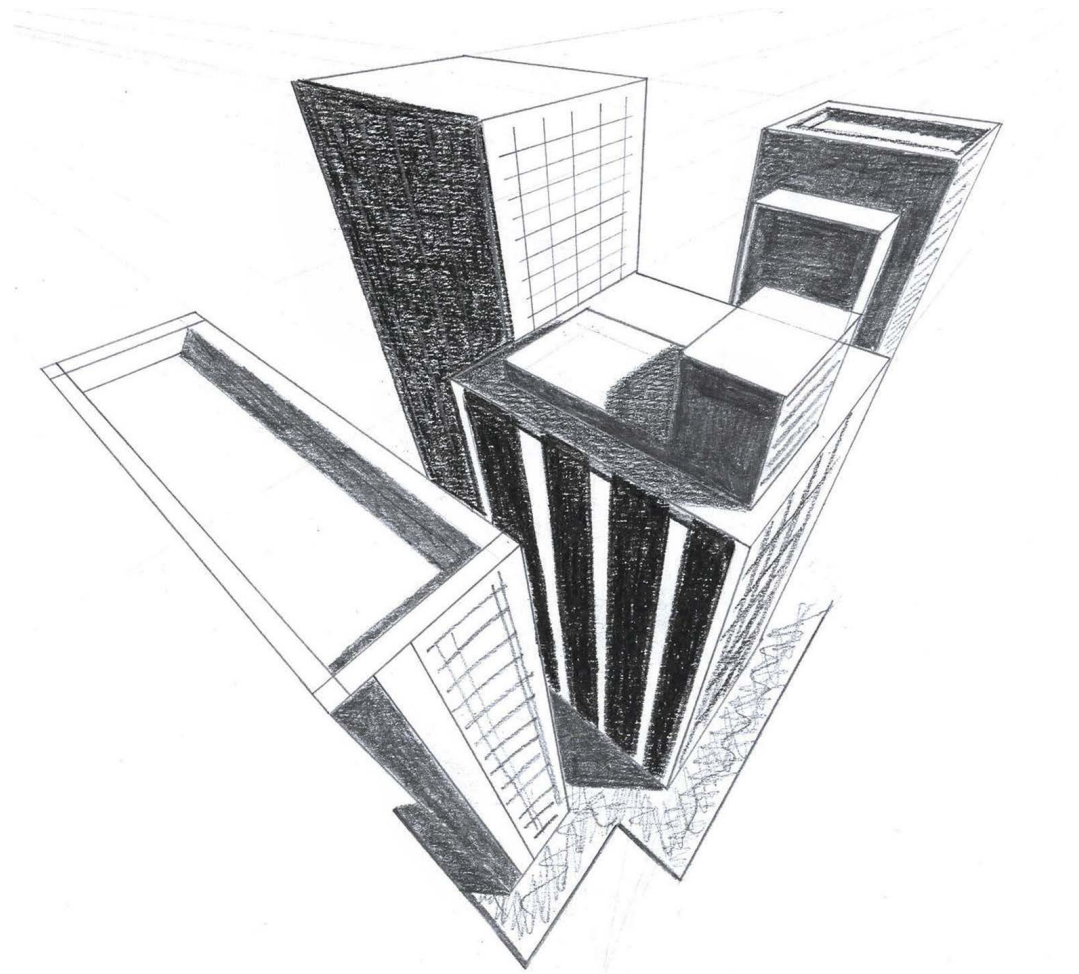
# 3-Point Perspective



Worm's Eye View

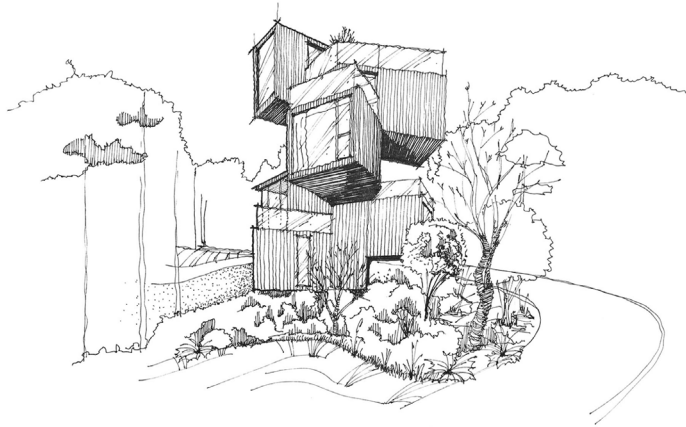


Bird's Eye View

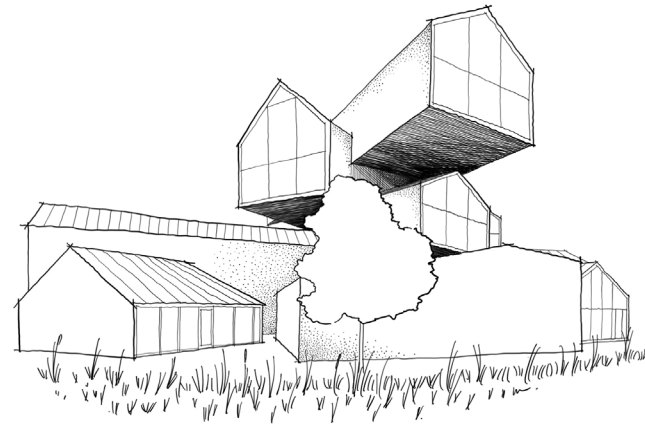




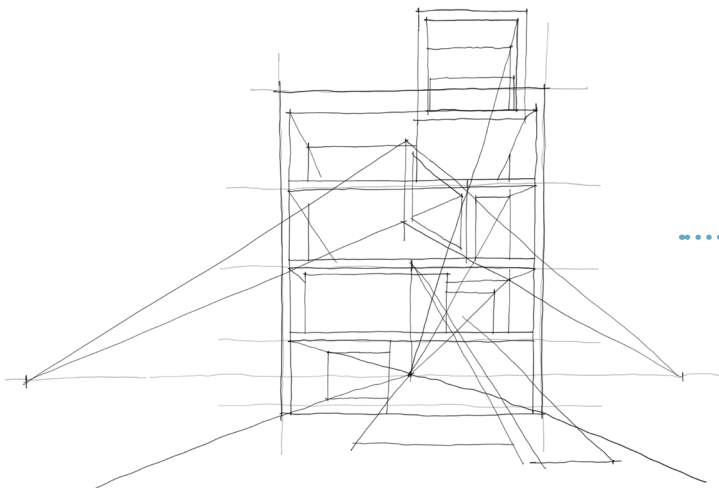
# Multi-Point Perspective



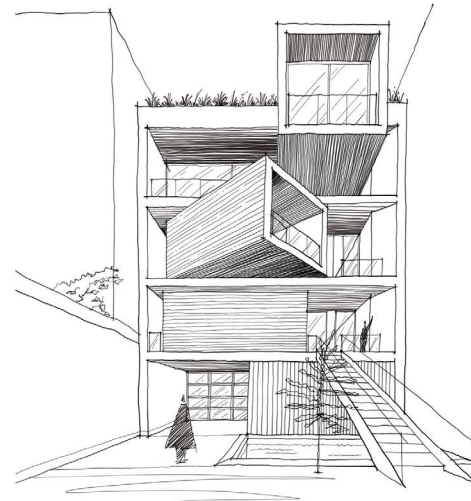
TreeHouse Hotel by Bengo Studio, China



VitraHaus by Herzog & de Meuron, Weil am Rhein, Germany



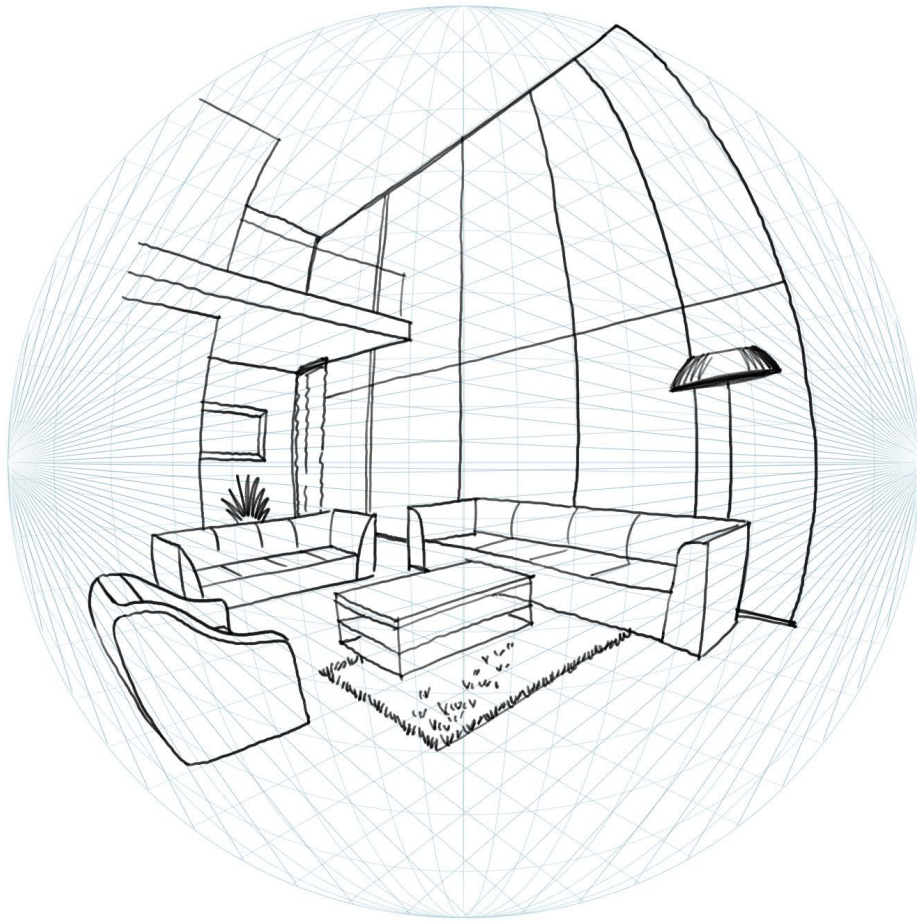
Sharifi-Ha House by Alireza Taghaboni, Tehran, Iran



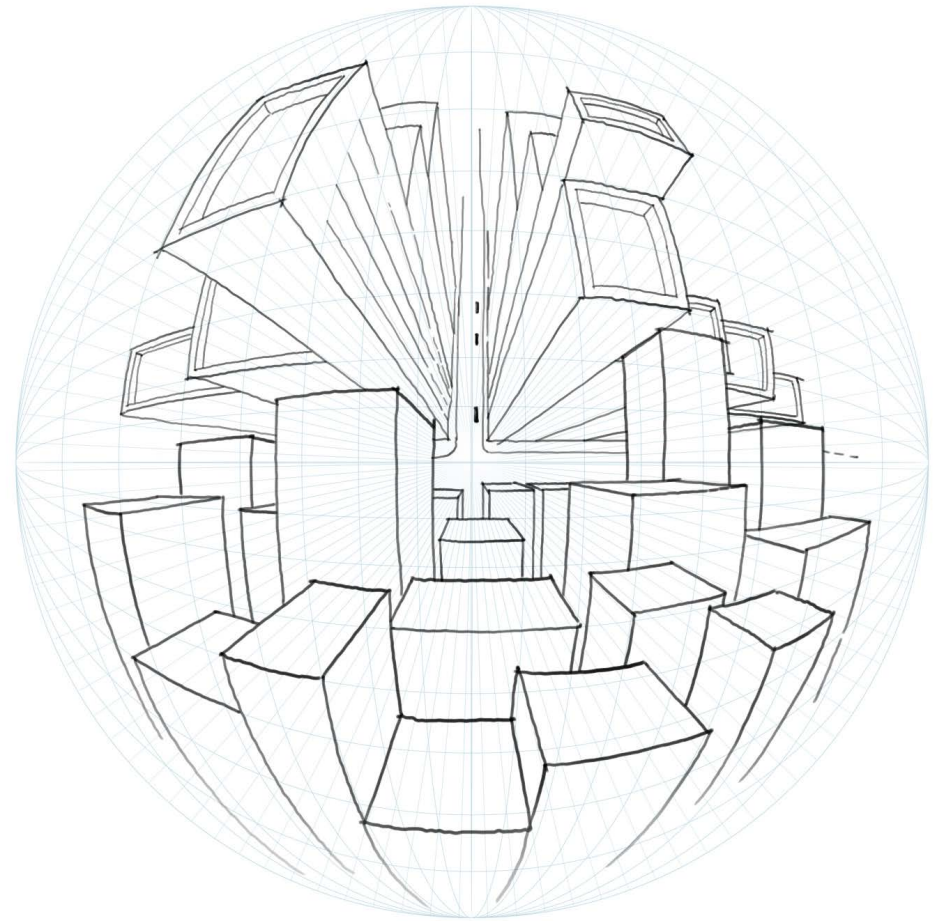
Sharifi-Ha House by Alireza Taghaboni, Tehran, Iran



# Curvilinear Perspective



4-point perspective



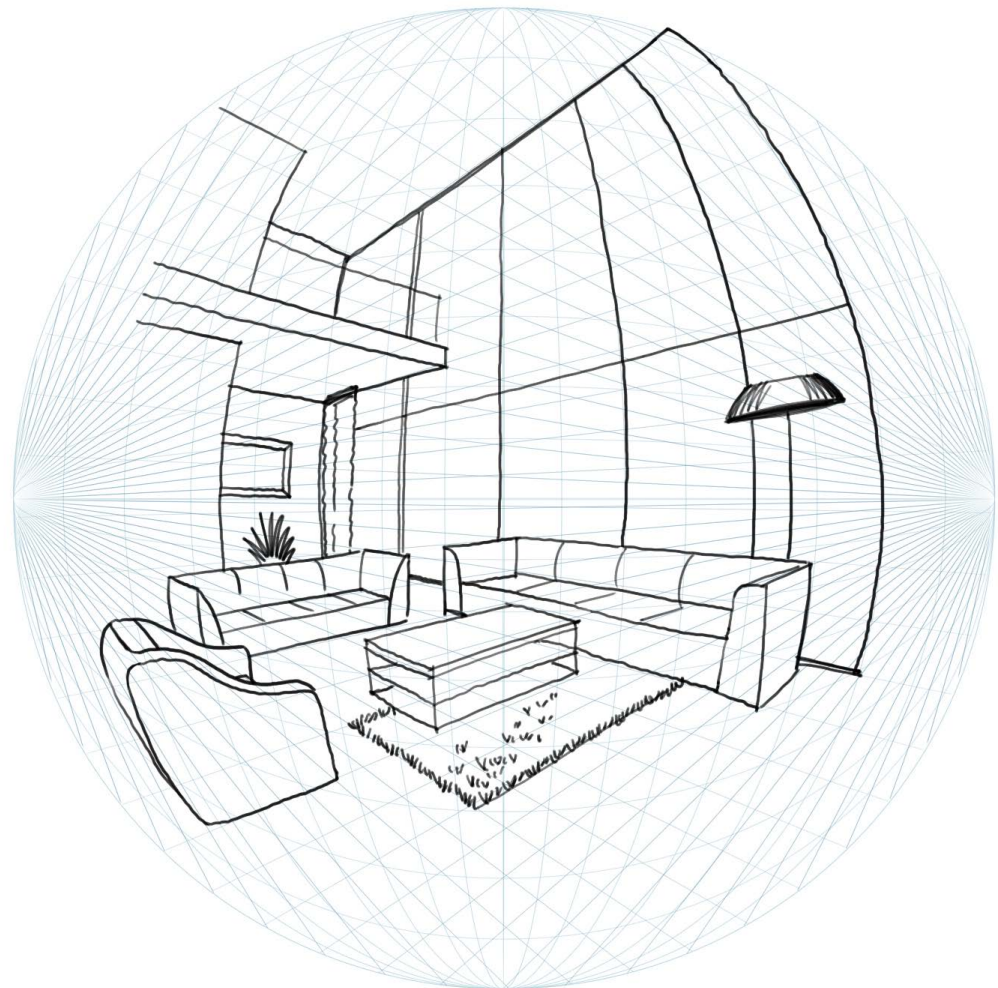
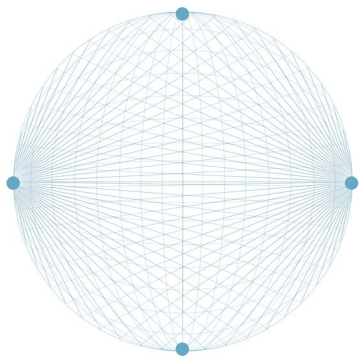
5-point perspective



# 4-Point Perspective

The best comparison to a 4-point perspective view might be to imagine a corner view (angular perspective) with fish-eye effect.

Taking basically 2-point perspective and allowing for bigger field of view in the vertical direction, thanks to its curved distortion.

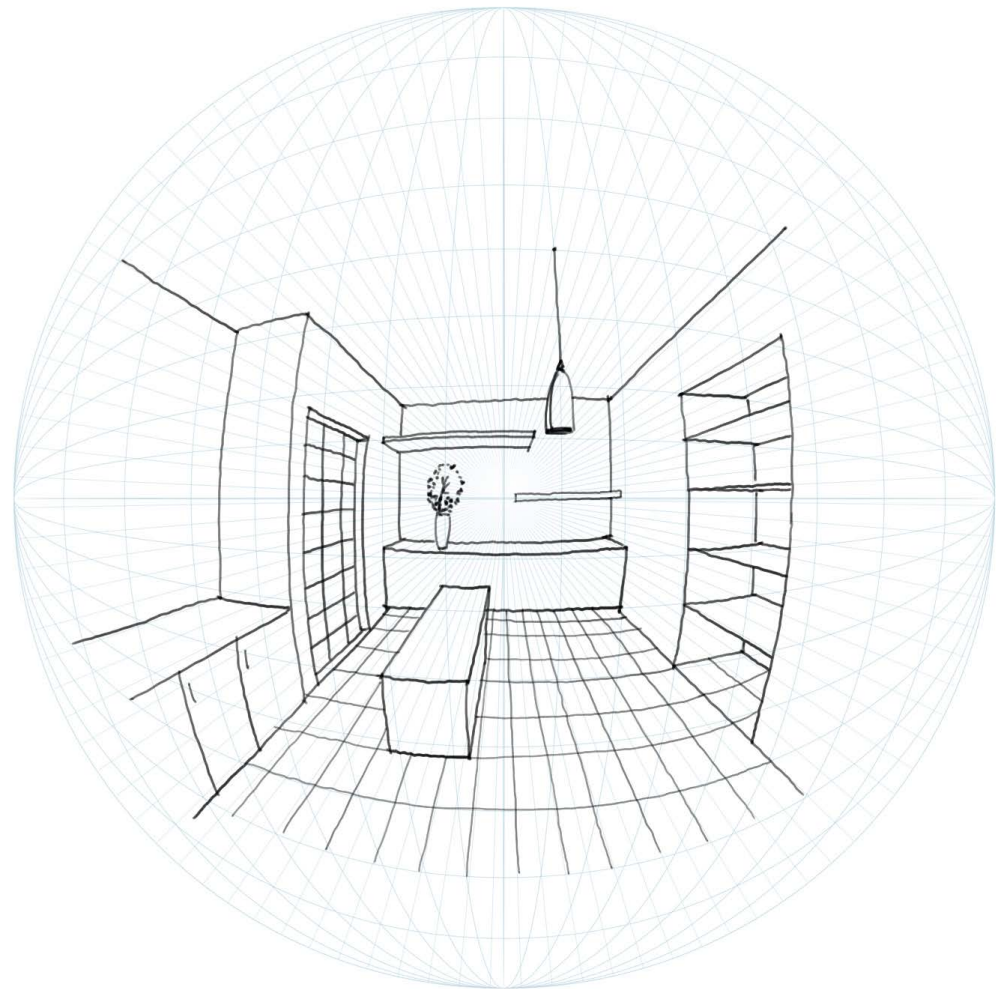
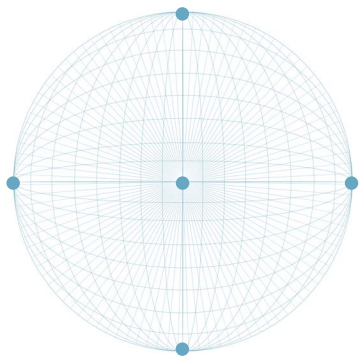




# 5-Point Perspective

5-point perspective is a hemispherical view with four vanishing points around the clock and one more in the very center.

Fun part is using such 5-point perspective grid for different views - from top or aligned with the horizon line in the middle. Use the prepared worksheet on the next page and have fun with it yourself!





# Worksheet

## 5-point Perspective

Draw a 5-point perspective interior view of a kitchen. You can use the reference provided or e.g. draw your own room where you are in right now!

