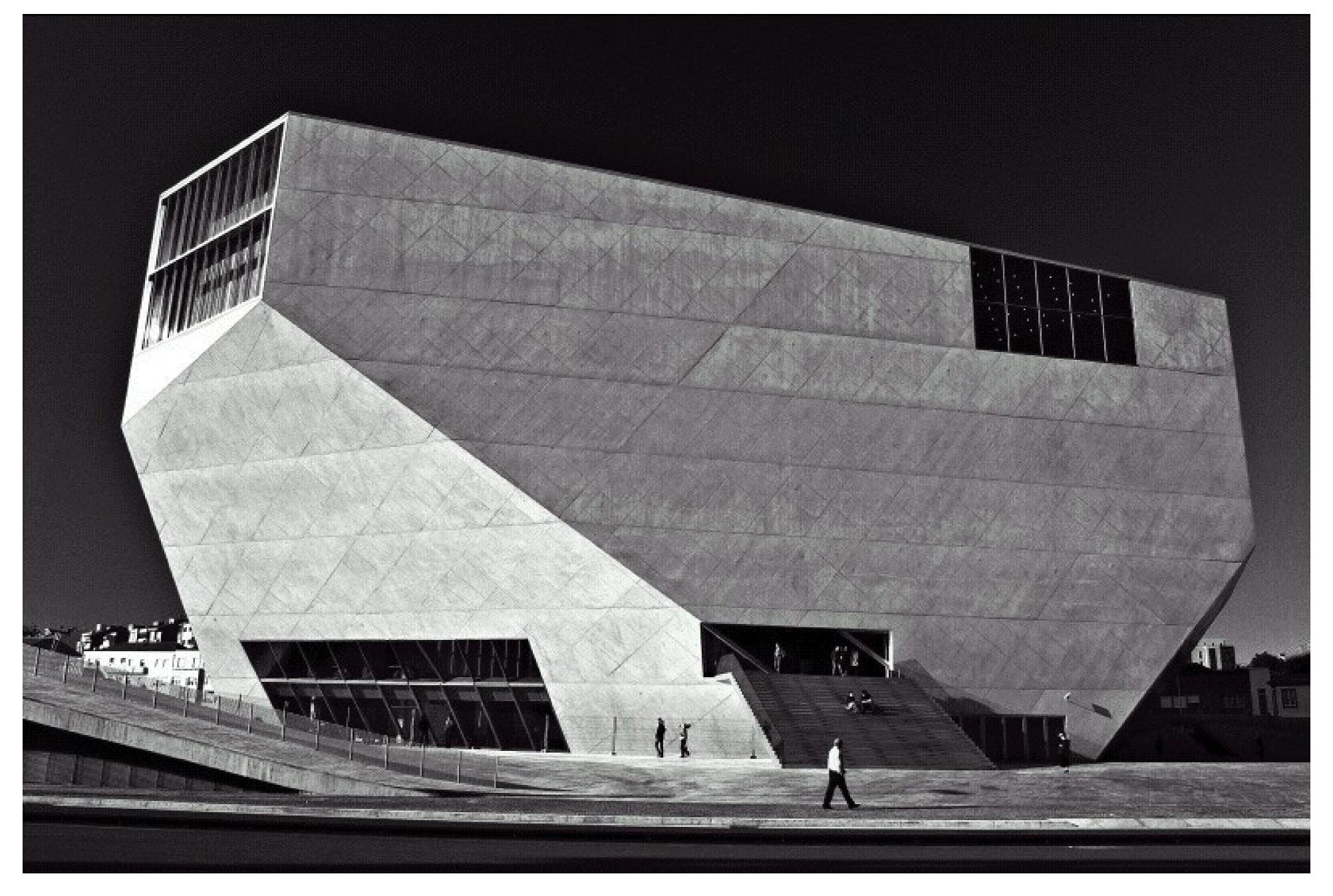
Planes Planes and Planes

We don't bend or flex. We are rigid bodies.



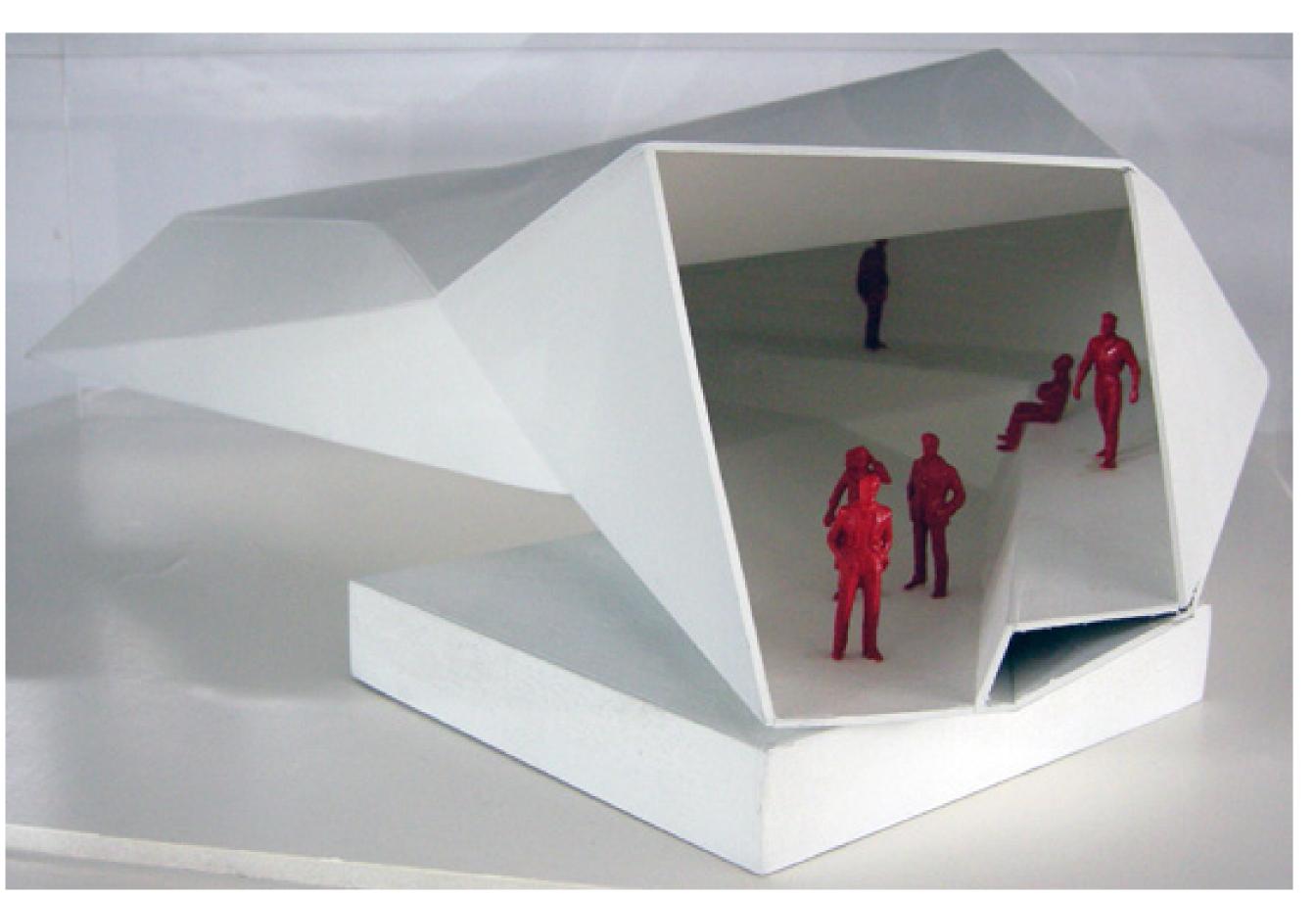
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2

Nestlé Chocolate Museum

Rojkind Arq. Mexico City





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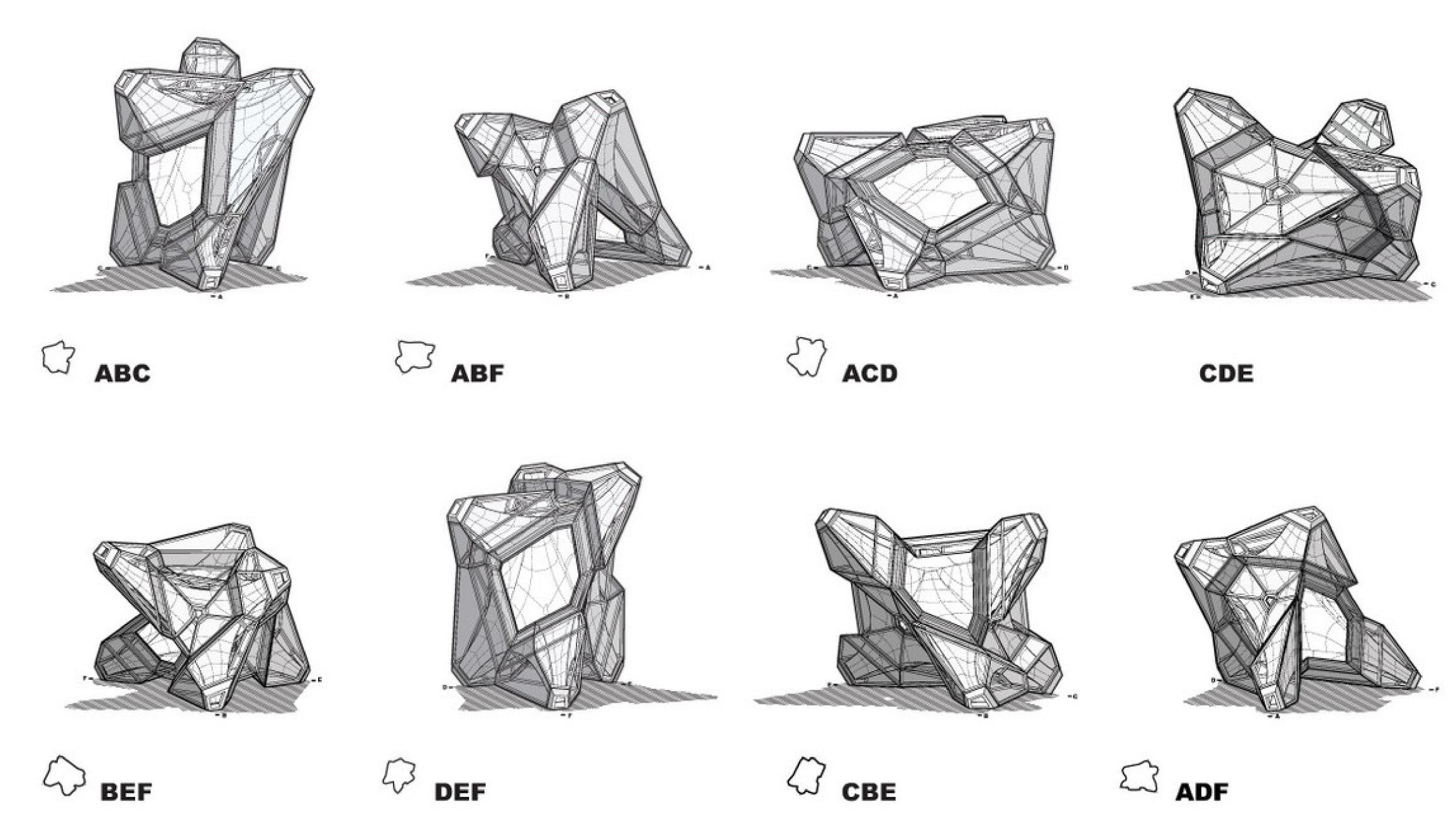


Courtesy of Kamil Krol. Used with permission.

4

White Elephant

Beuro Spectacular / Jimenez Lai



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5

Seattle Public Library

OMA Seattle, Washington



Photograph courtesy of Eric Kornblum on Flickr.

Helios House

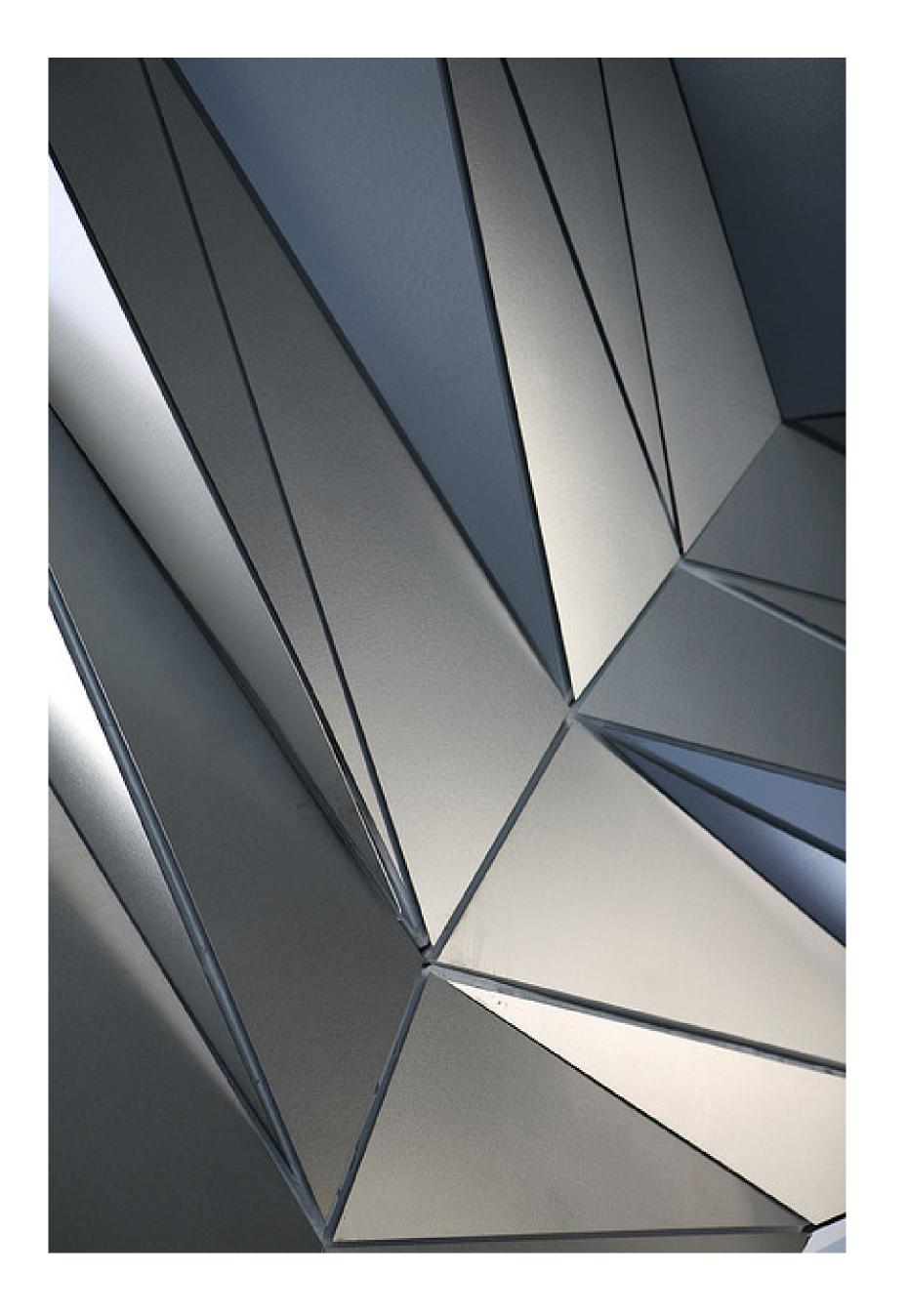
Office dA Los Angeles, California



Helios House

Office dA Los Angeles, California





Photographs (left and right) courtesy of Brandon Shigeta on Flickr.

8



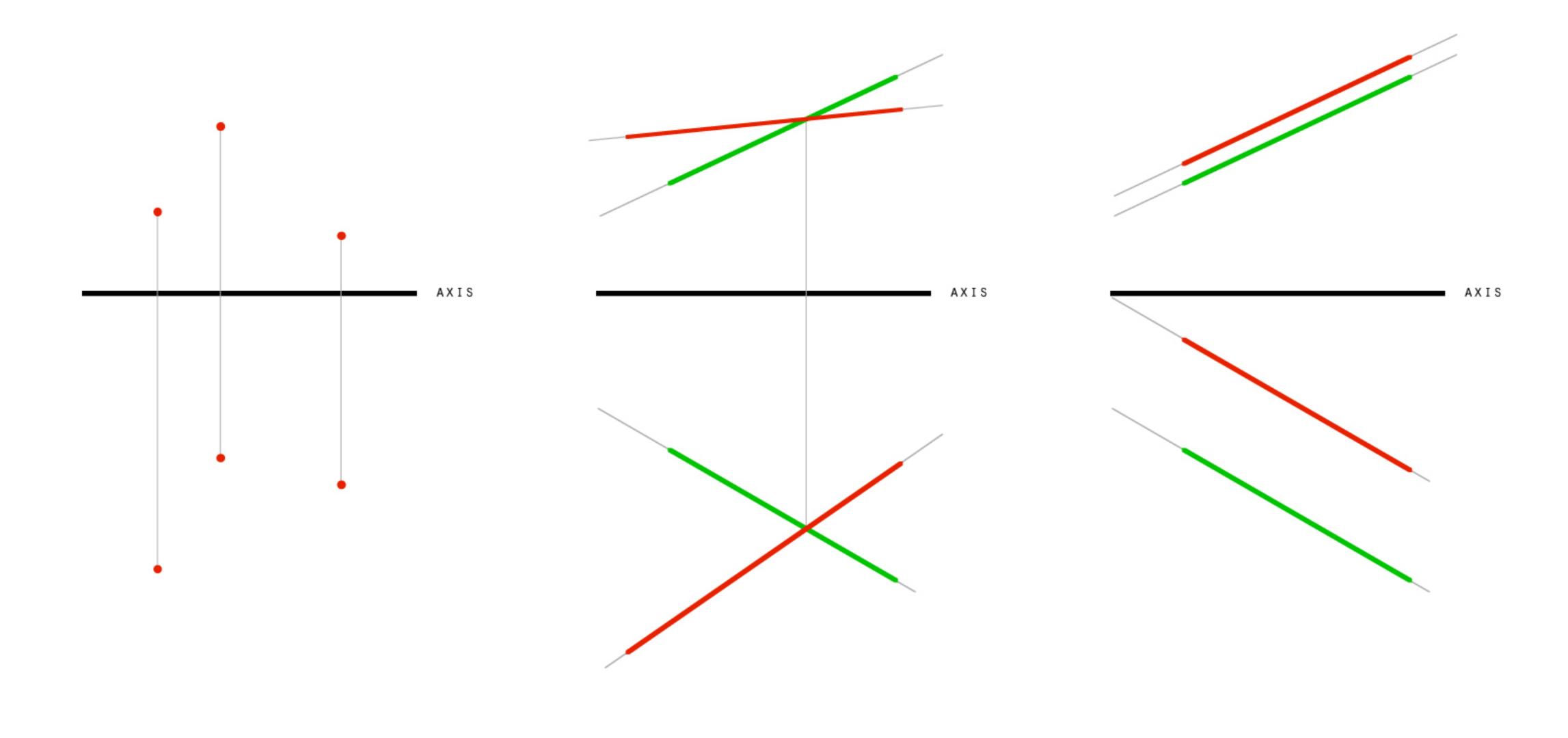
Photograph courtesy of Pinellas County Economic Development on Flickr.

9



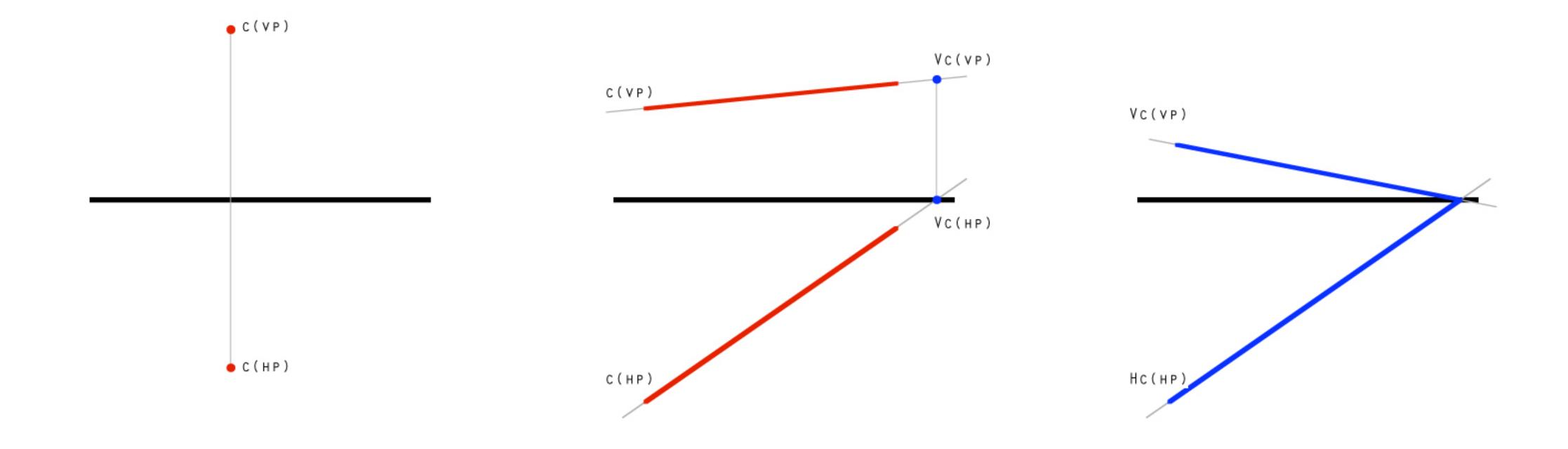
Courtesy of mashallah. Used with permission.

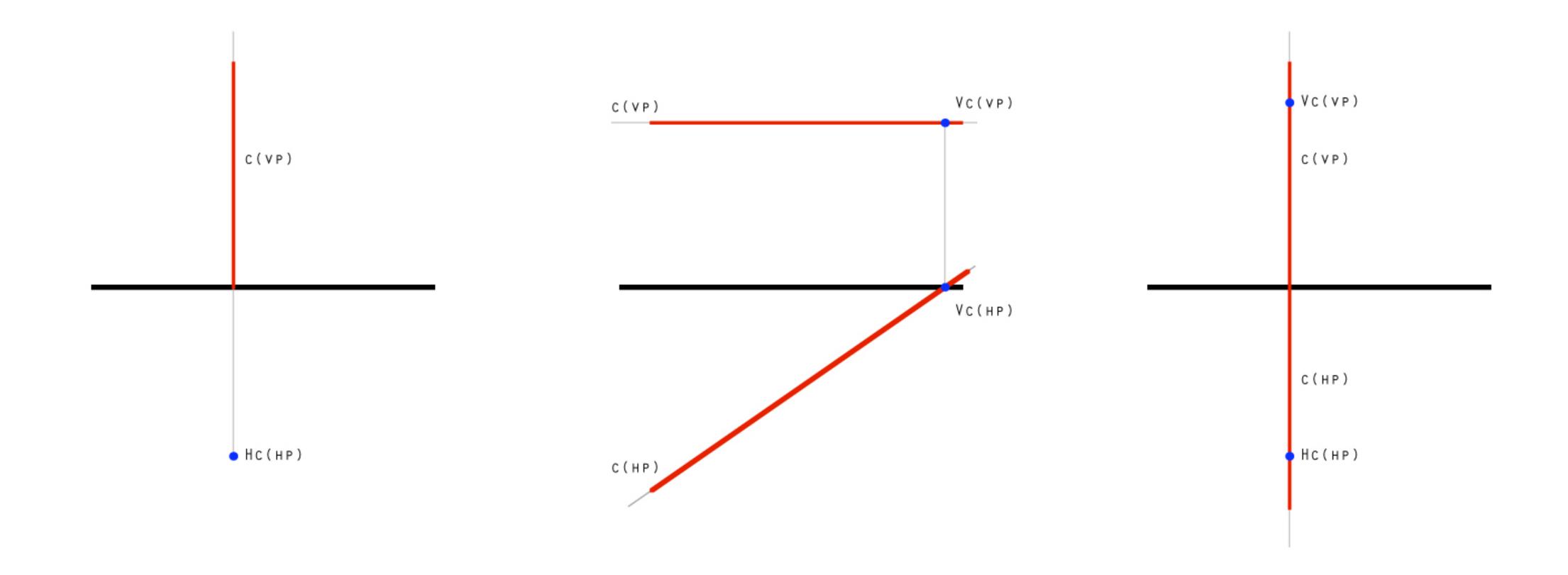
Points | Lines | Planes



3 NON-COLINEAR POINTS 2 PARALLEL LINES

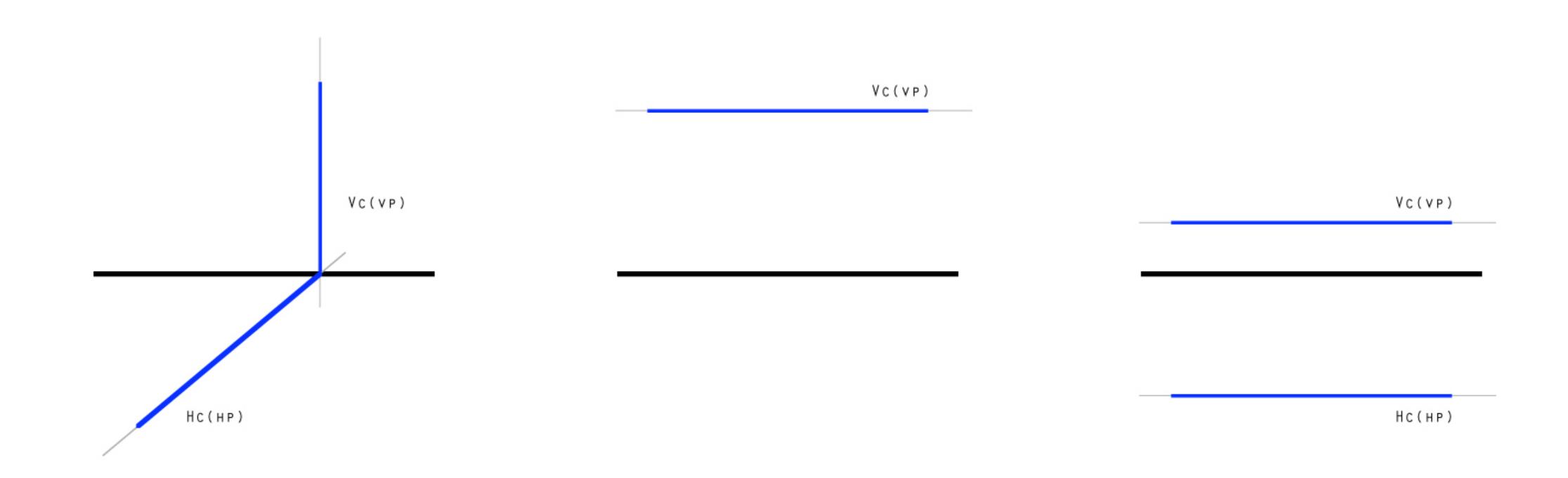
POINTS / LINES / PLANES defined by their projections and traces



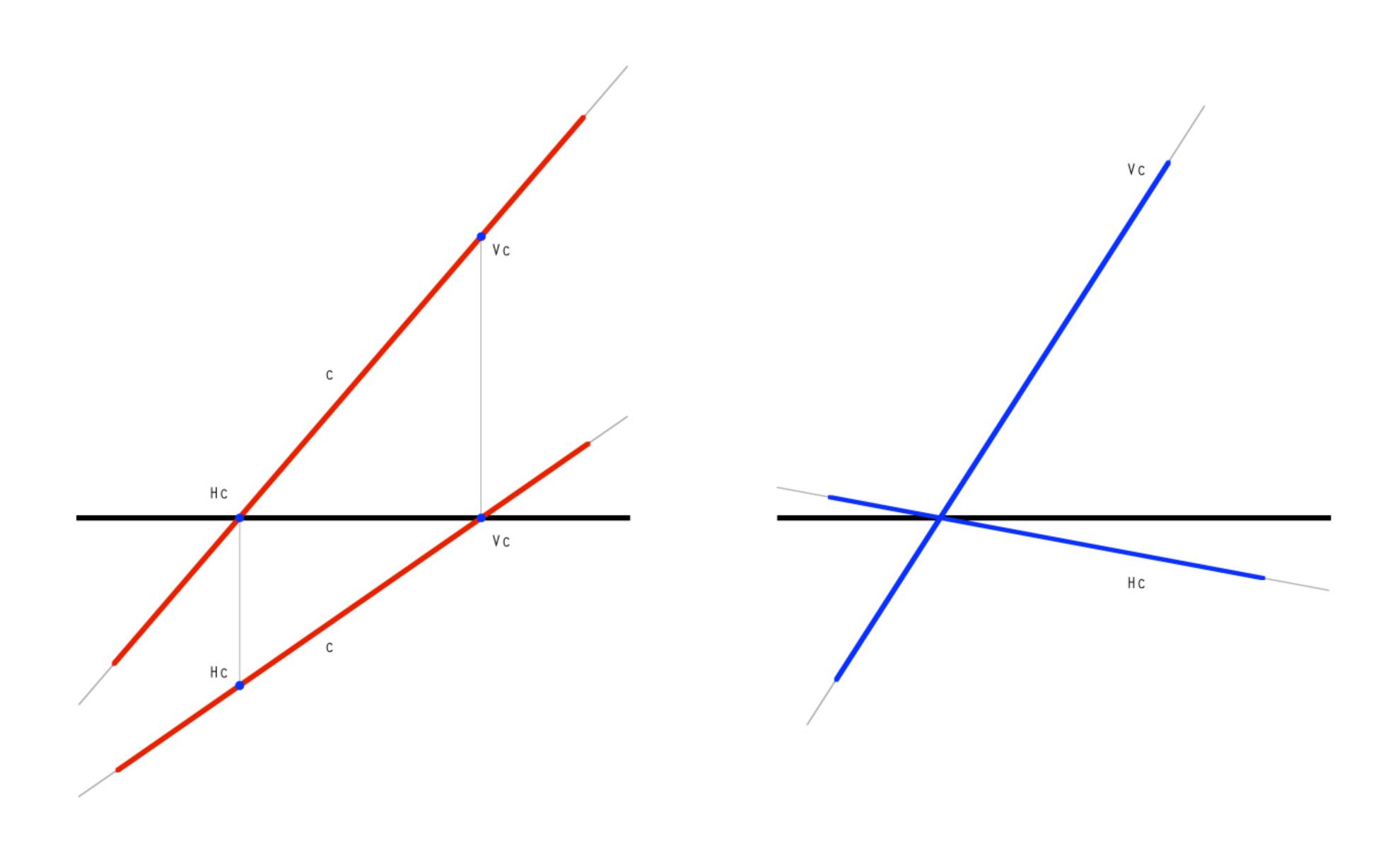


PLANES

special cases of planes and their traces

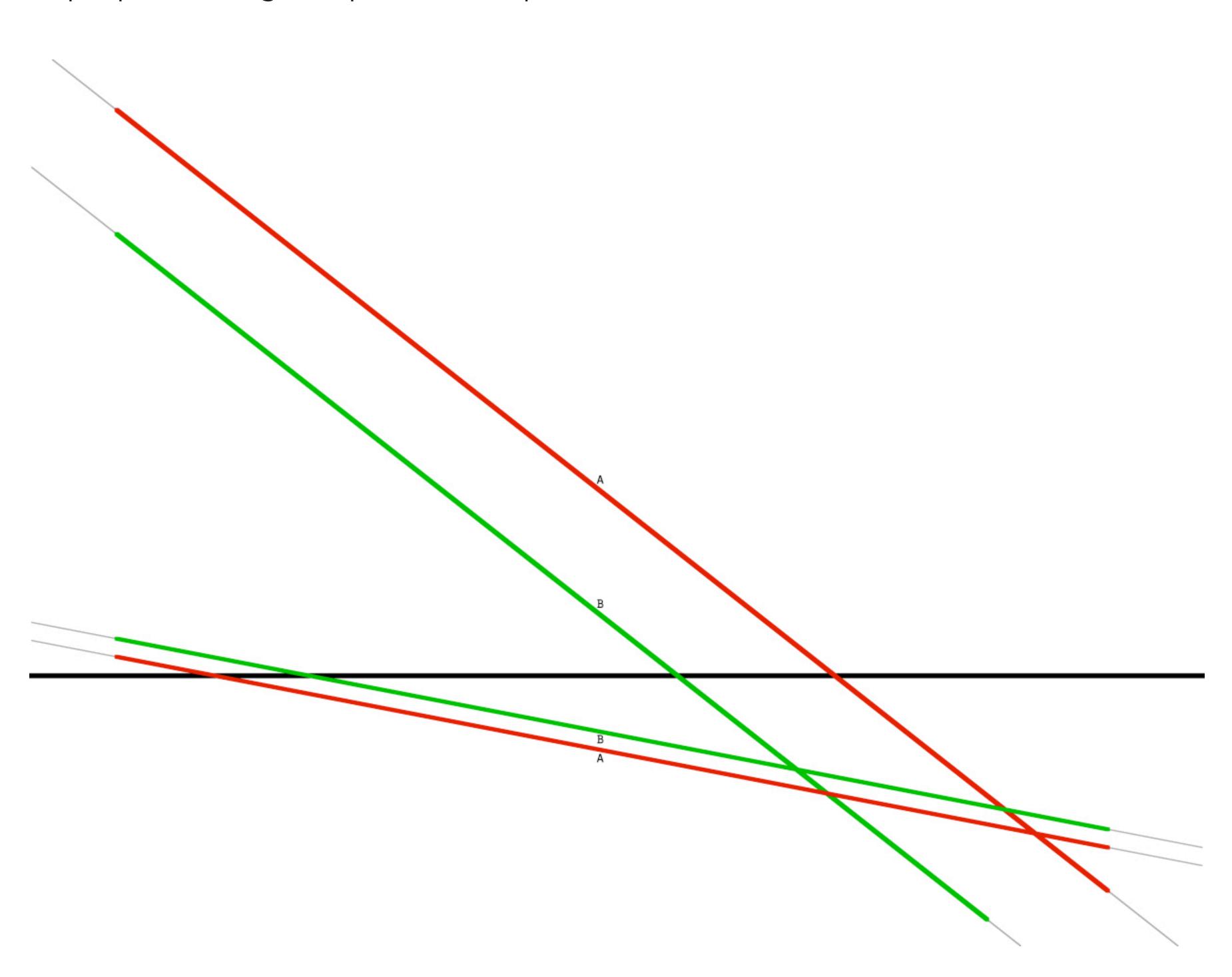


GENERAL CASES OF LINES AND PLANES

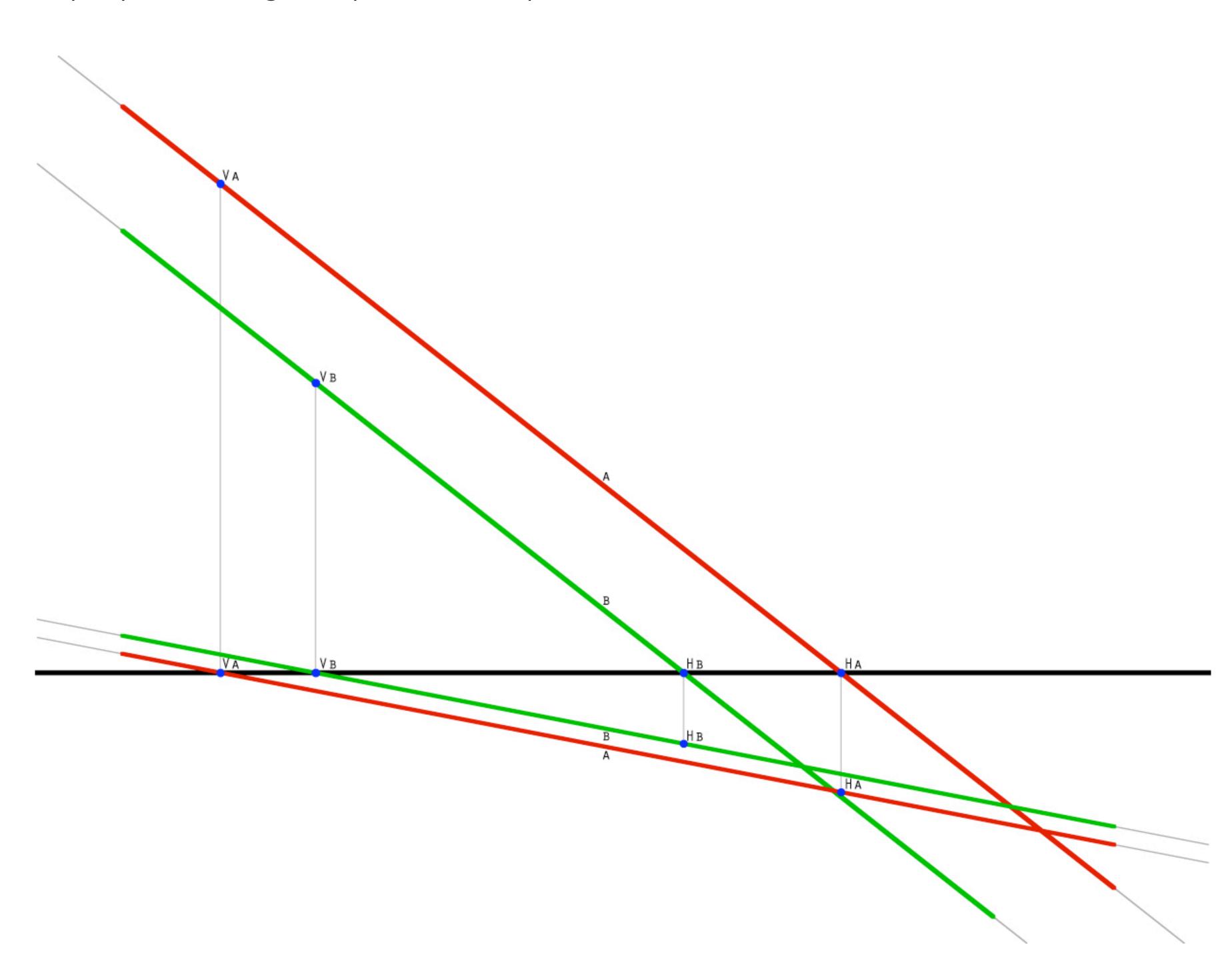


OBLIQUE LINE OBLIQUE PLANE

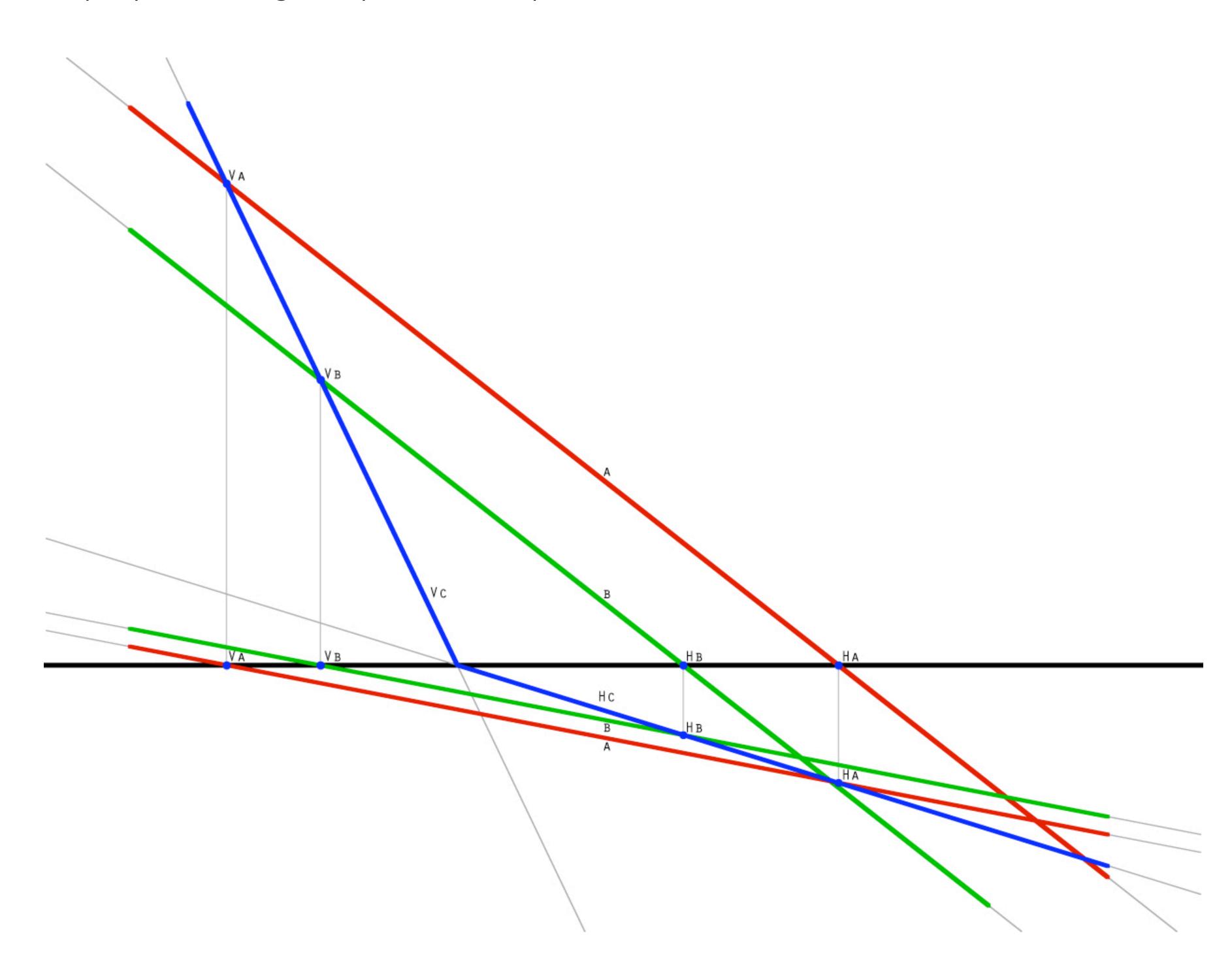
INTERMEDIATE CONSTRUCTIONS
definition of an oblique plane using two parallel oblique lines



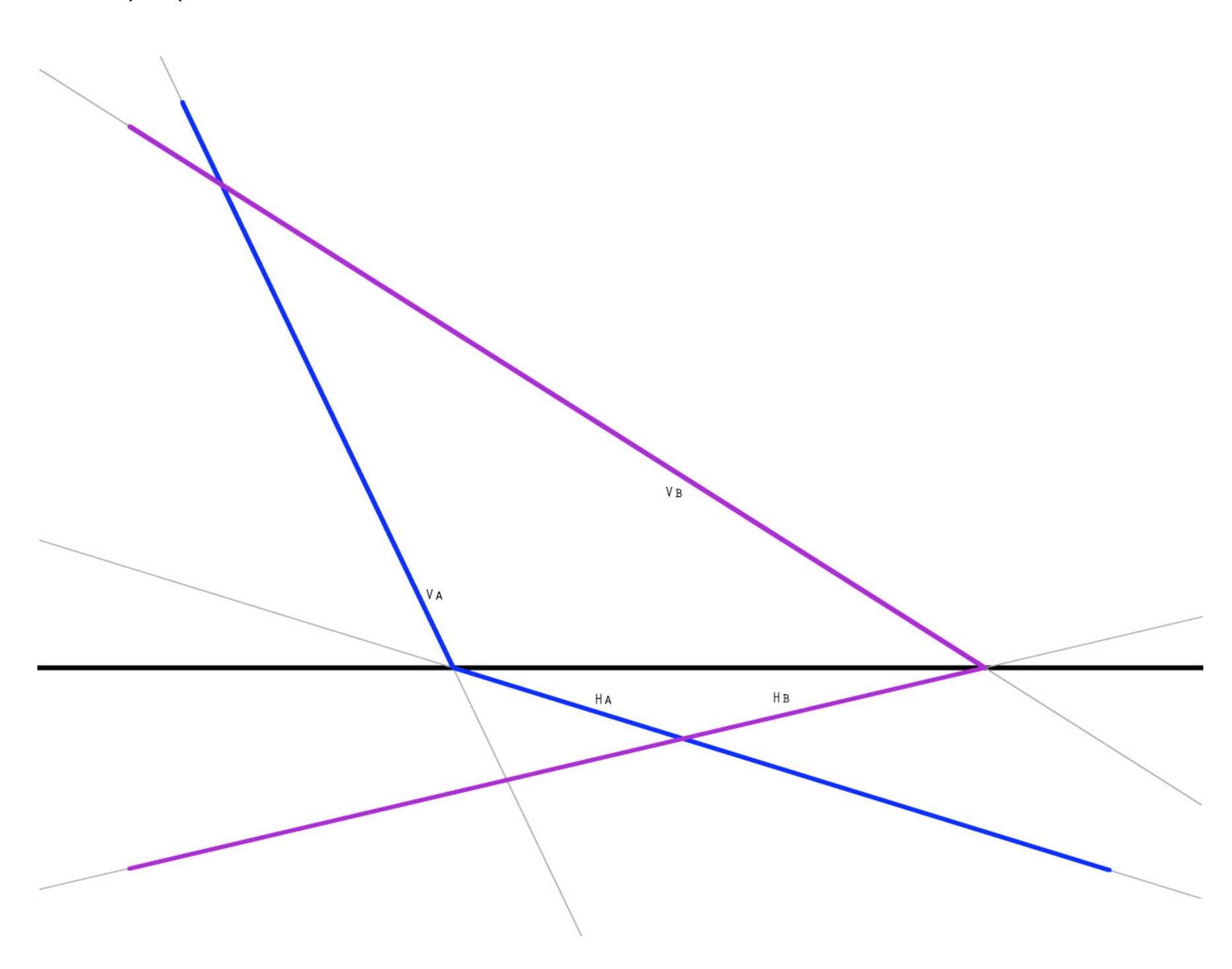
INTERMEDIATE CONSTRUCTIONS
definition of an oblique plane using two parallel oblique lines



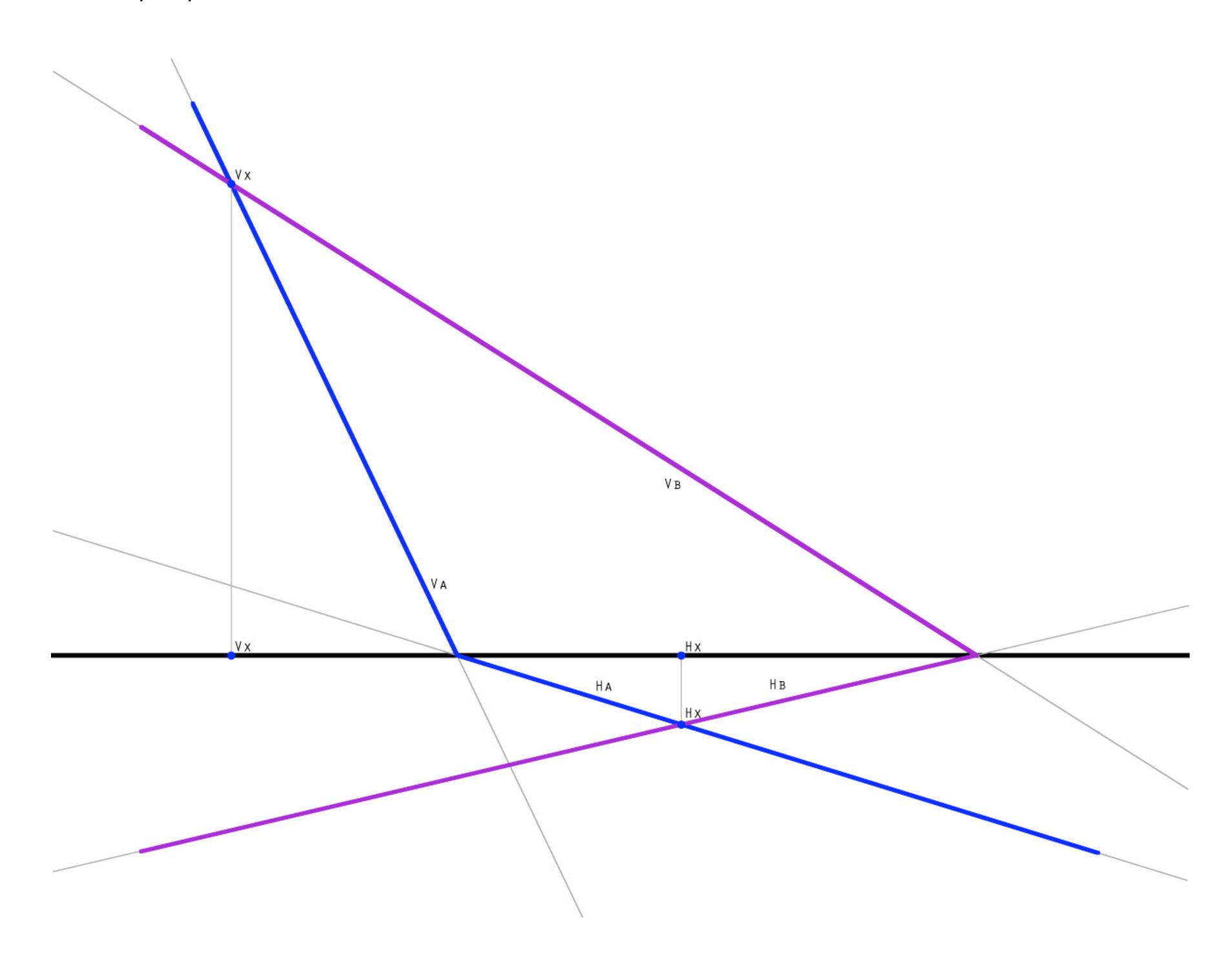
INTERMEDIATE CONSTRUCTIONS
definition of an oblique plane using two parallel oblique lines



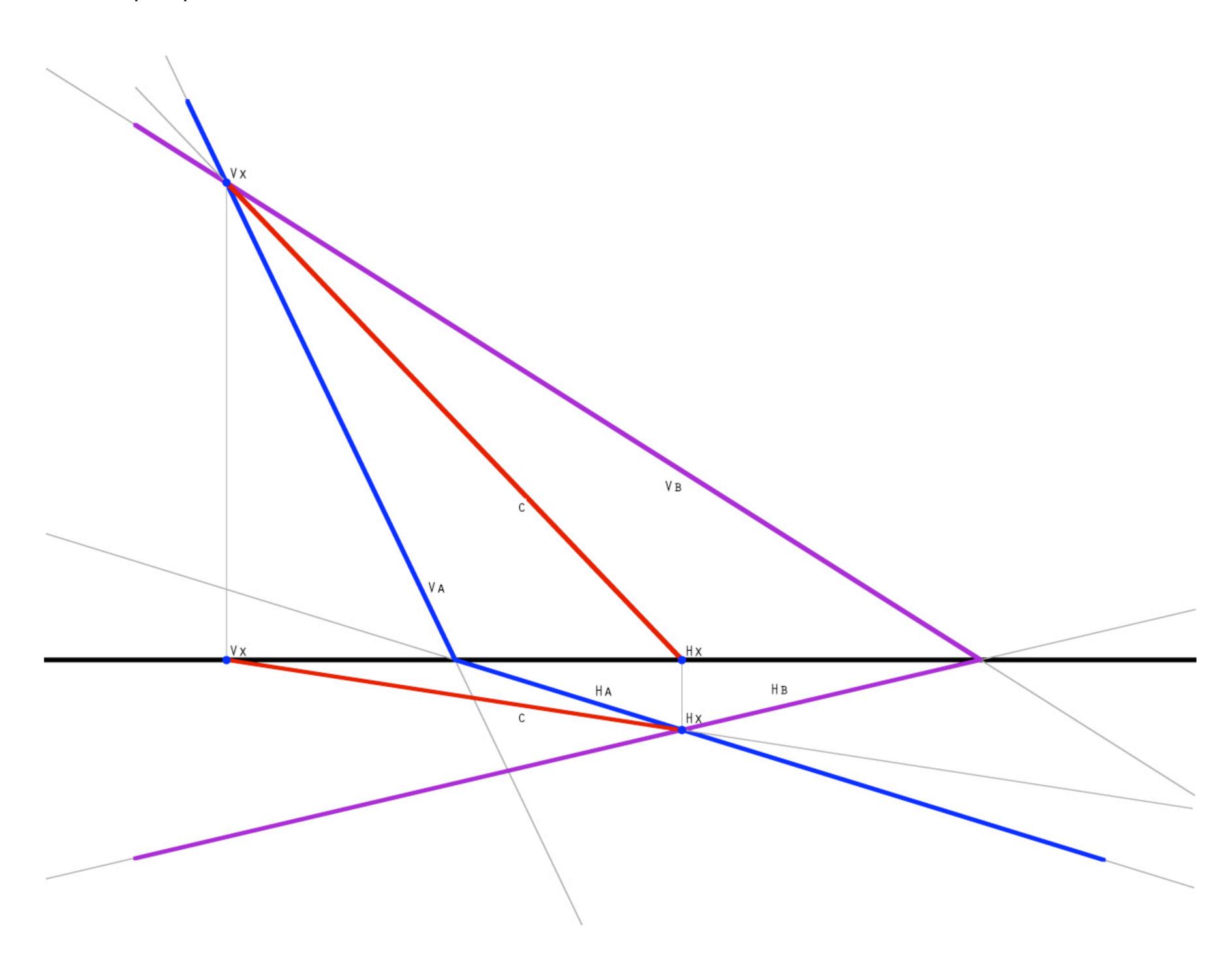
intersection of two oblique planes

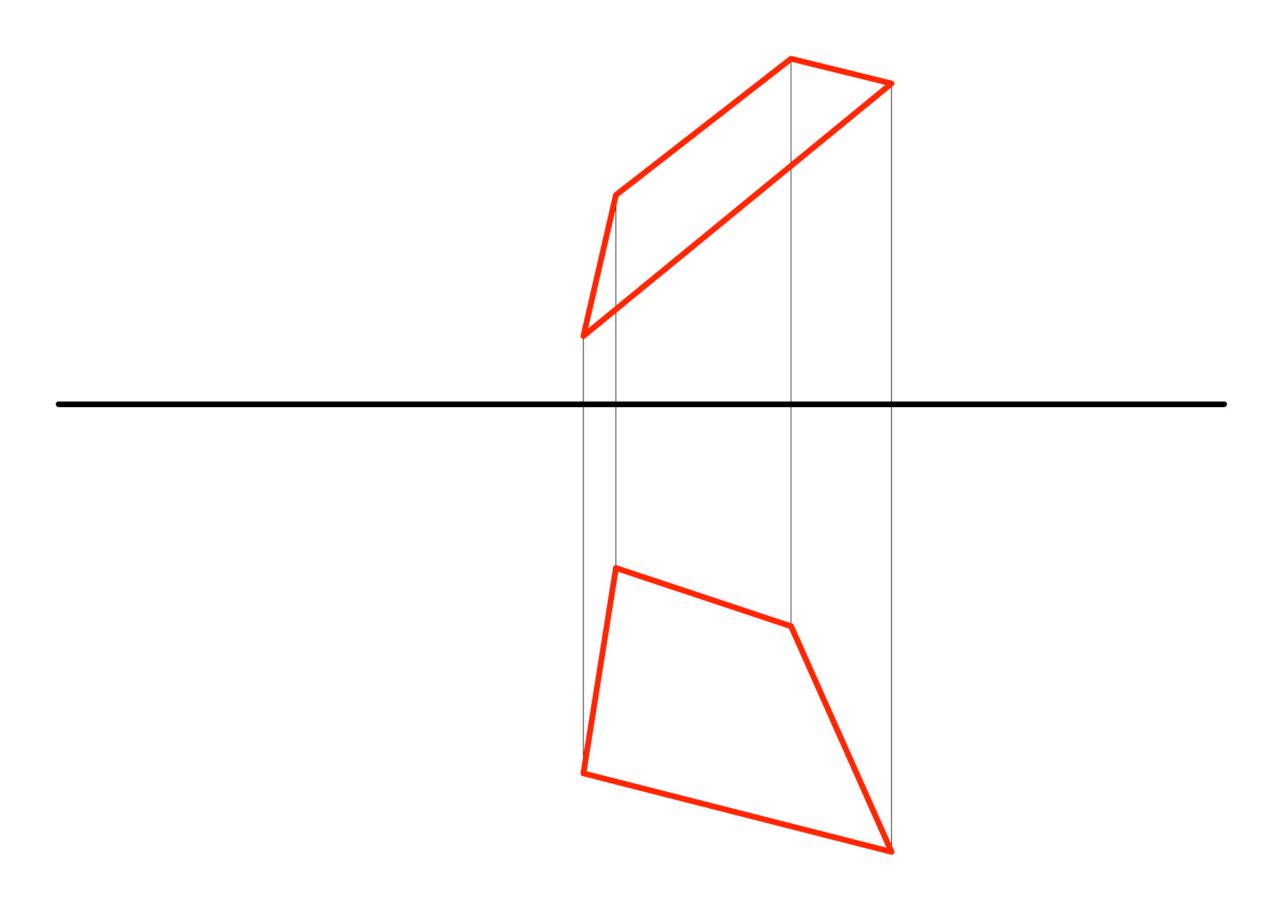


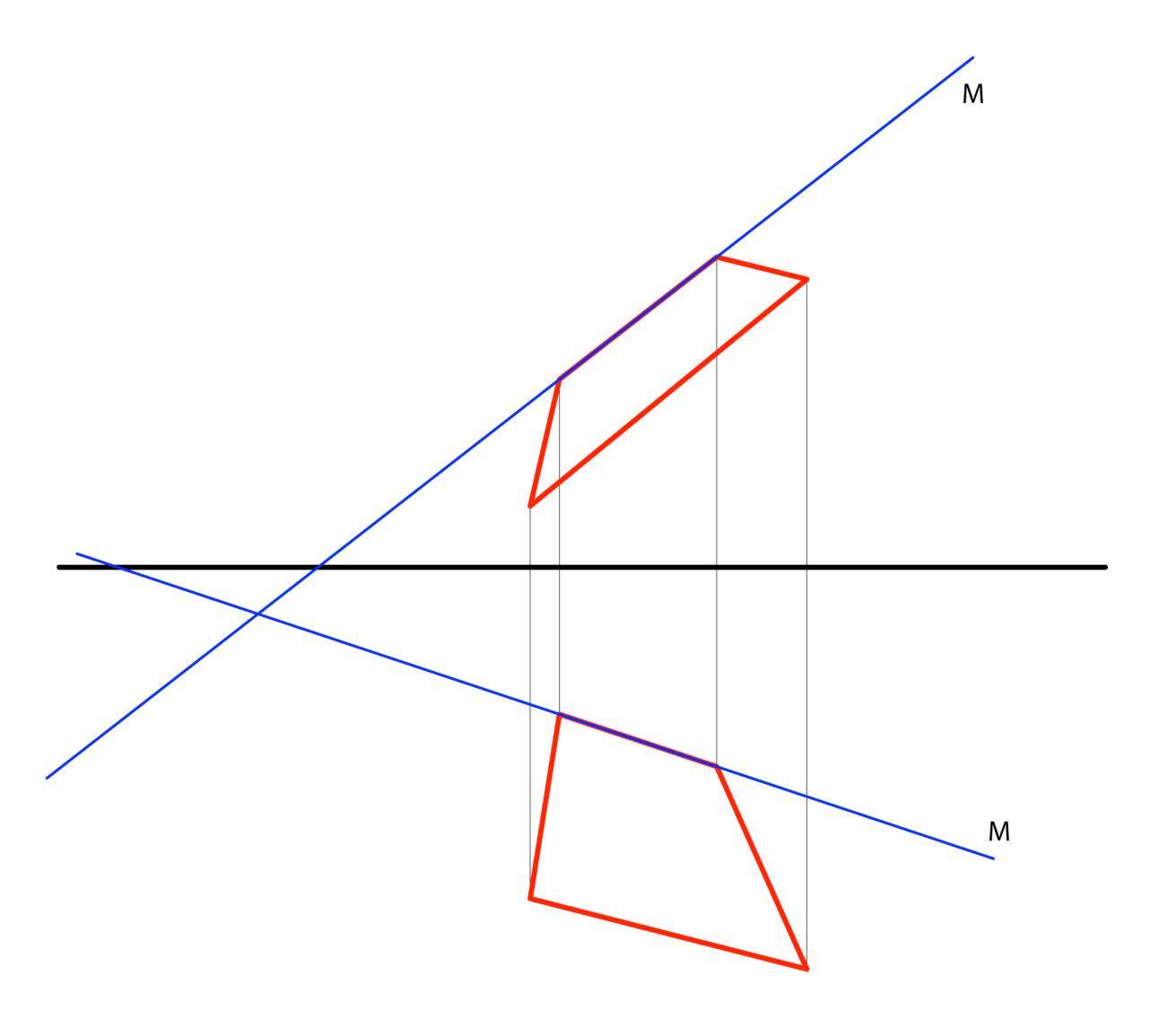
intersection of two oblique planes

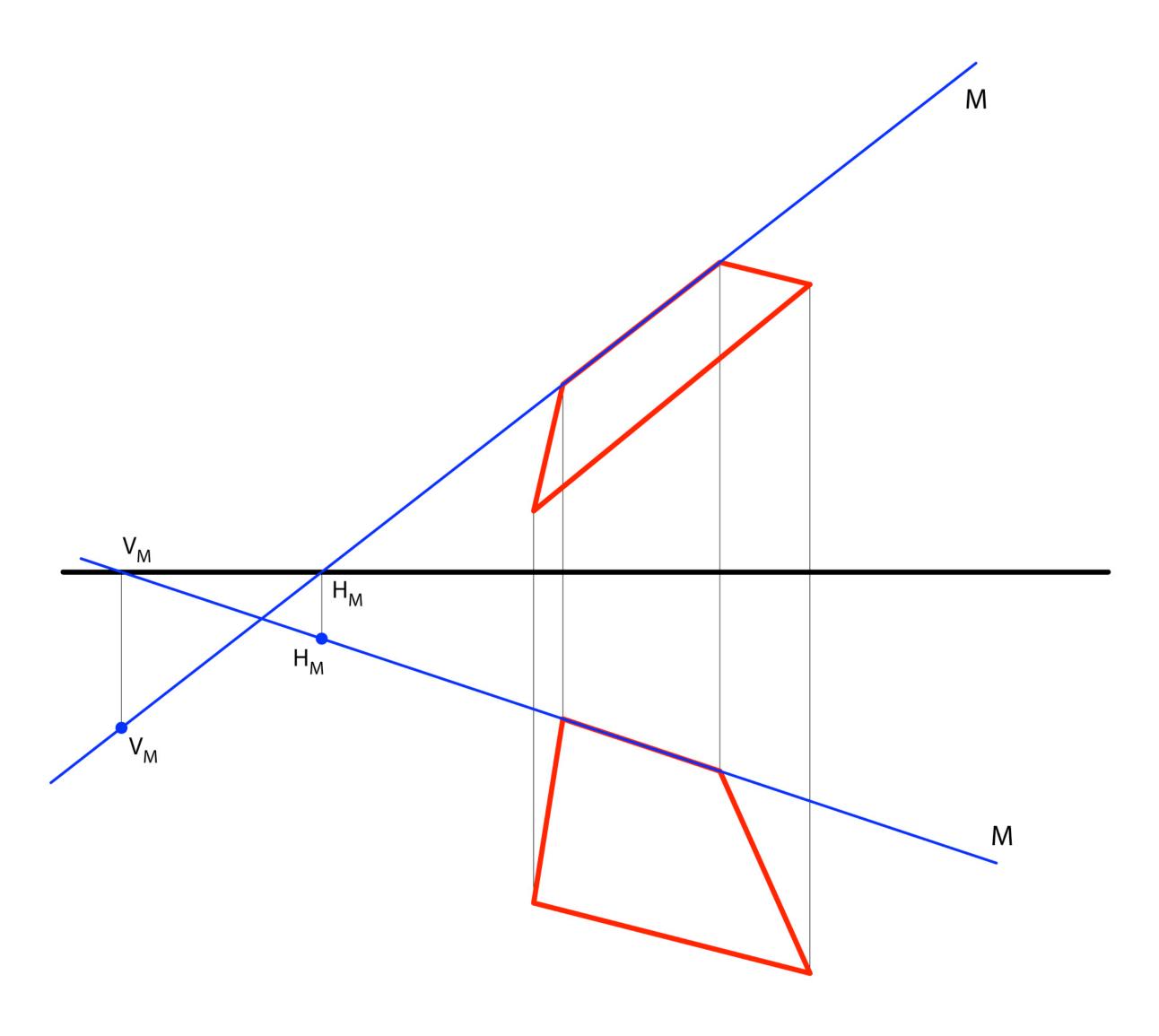


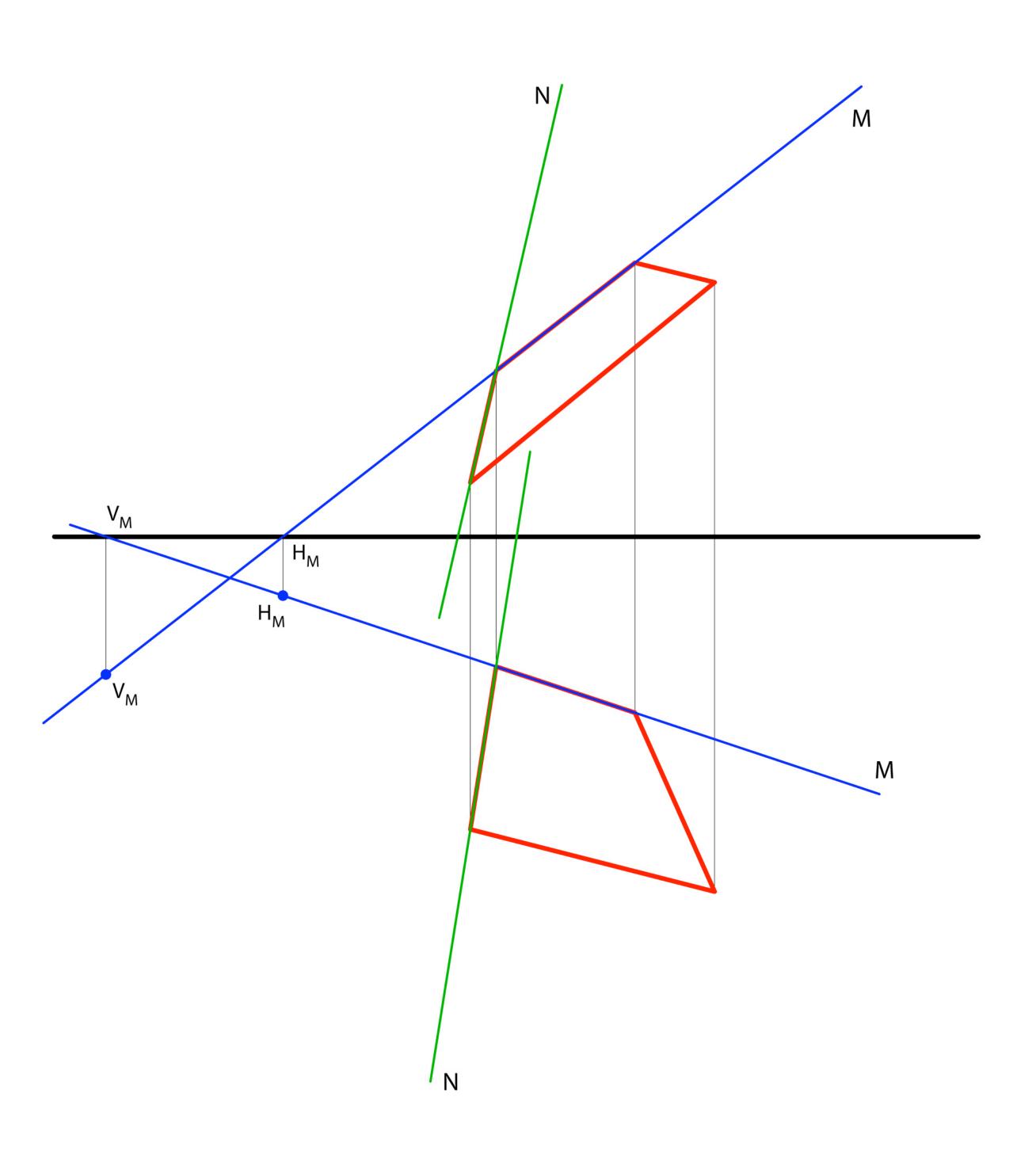
intersection of two oblique planes

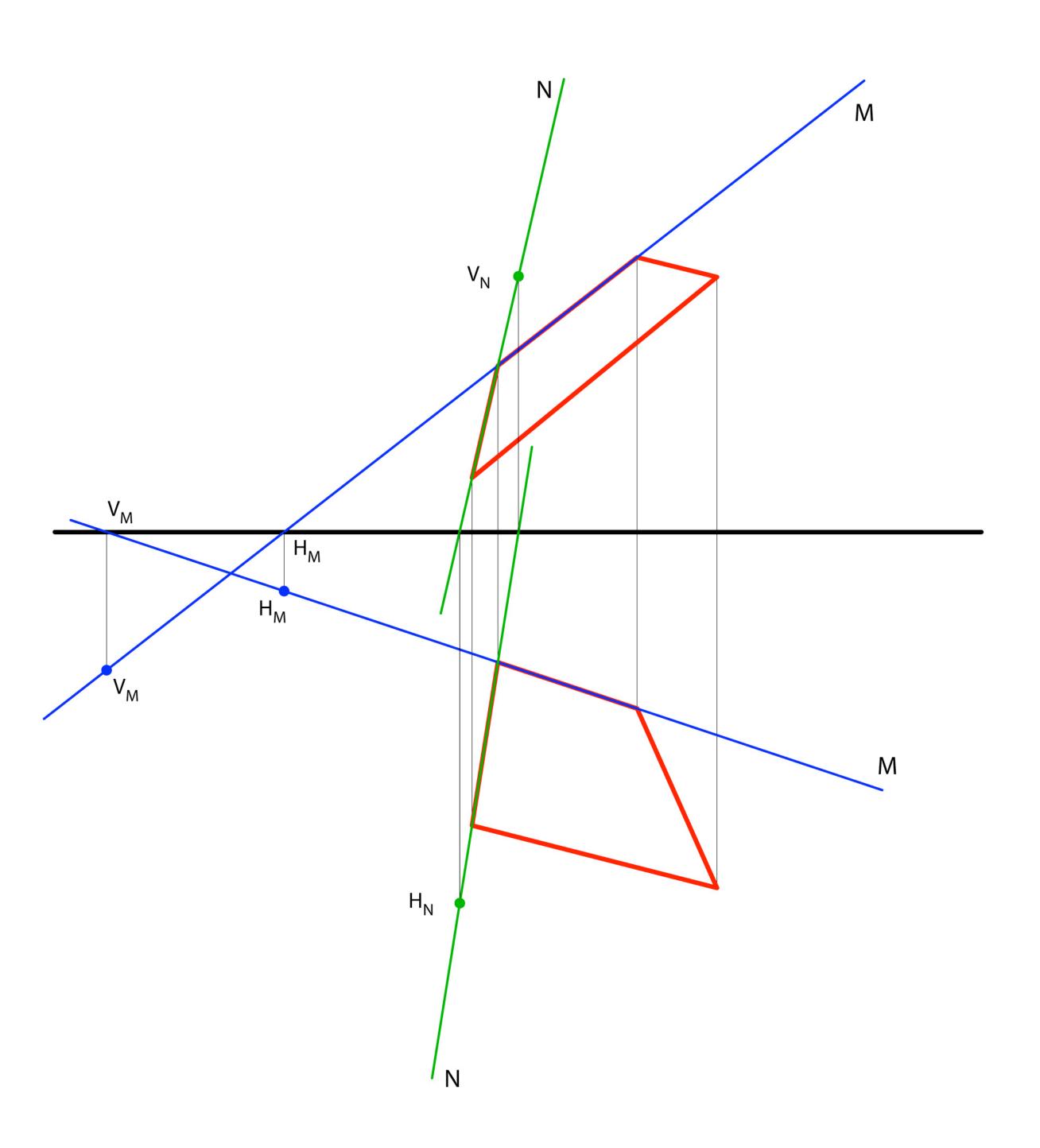


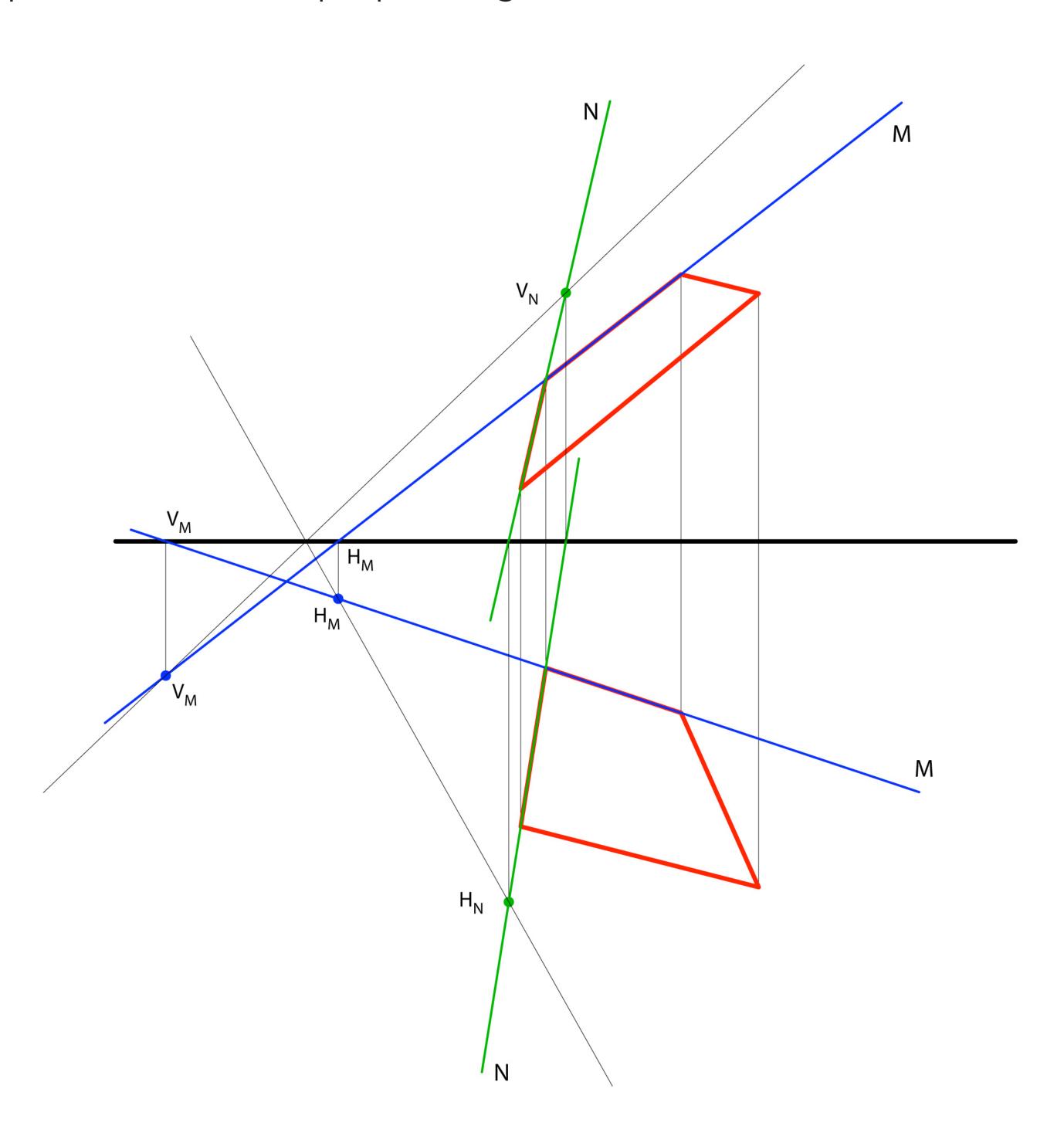


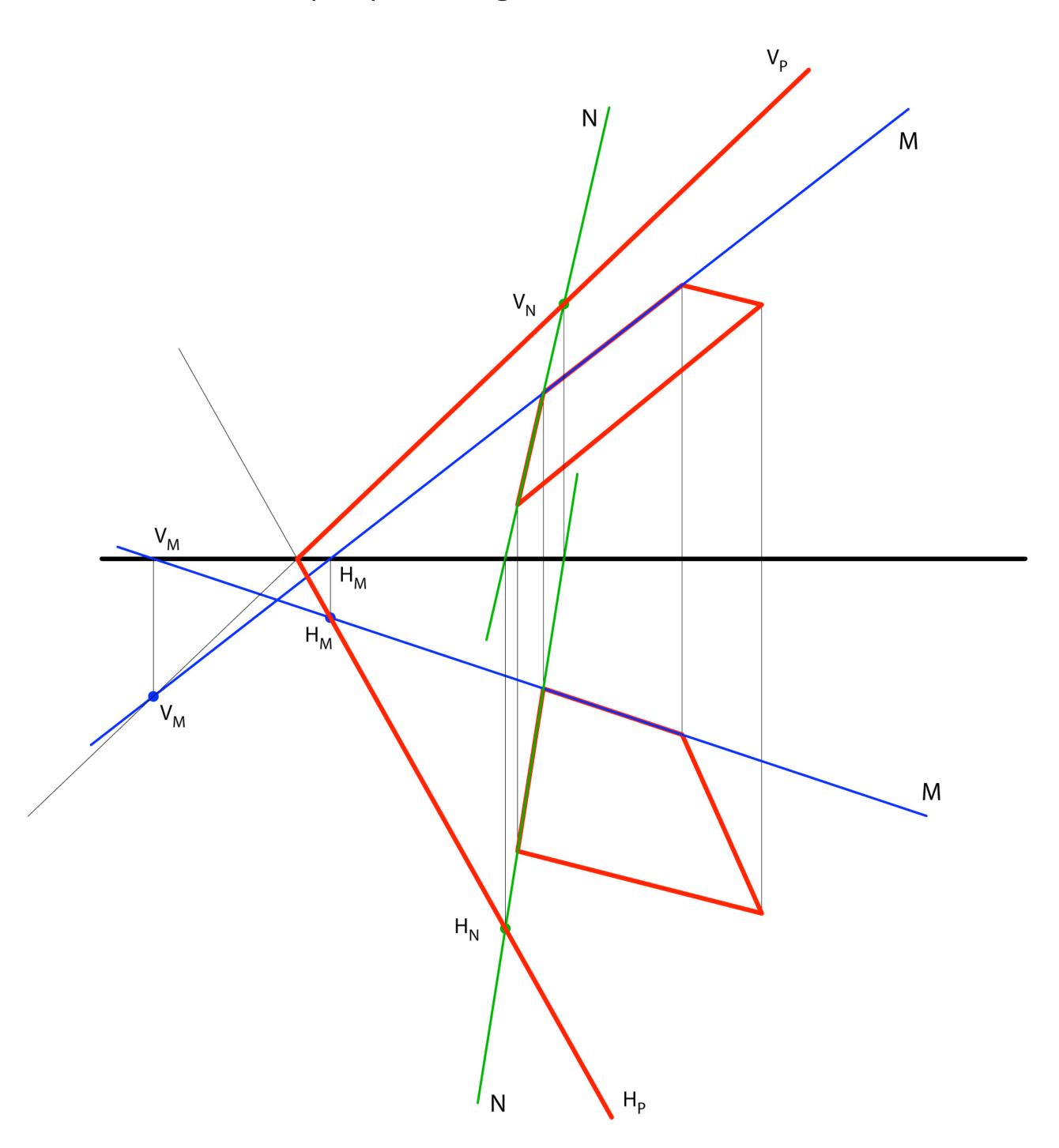














4.105 Geometric Disciplines and Architecture Skills: Reciprocal Methodologies Fall 2012

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