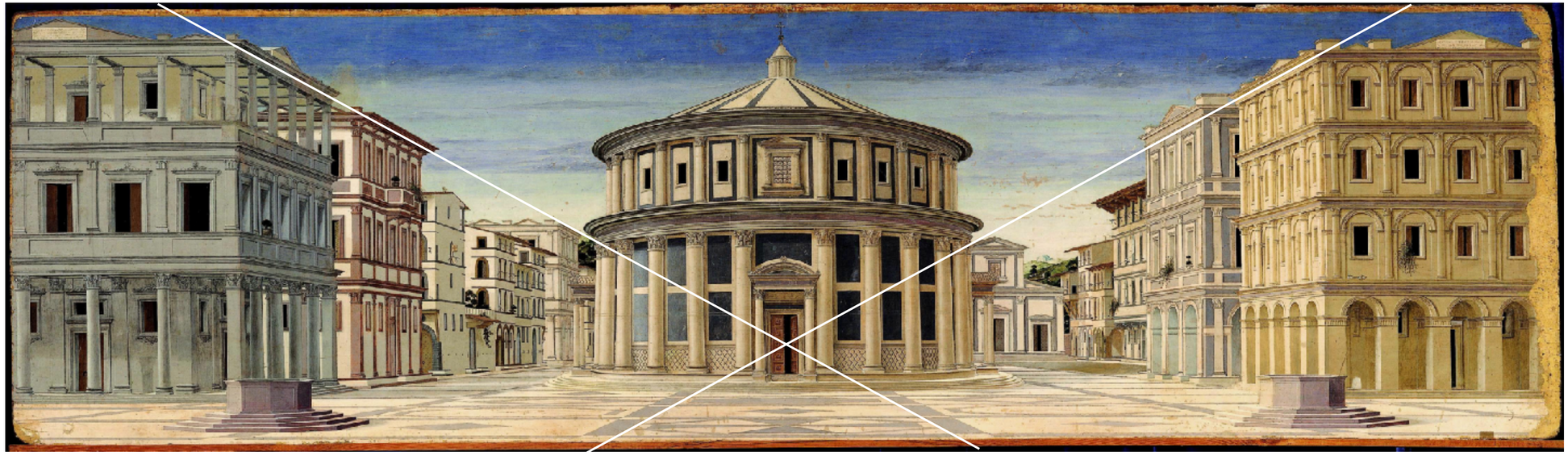
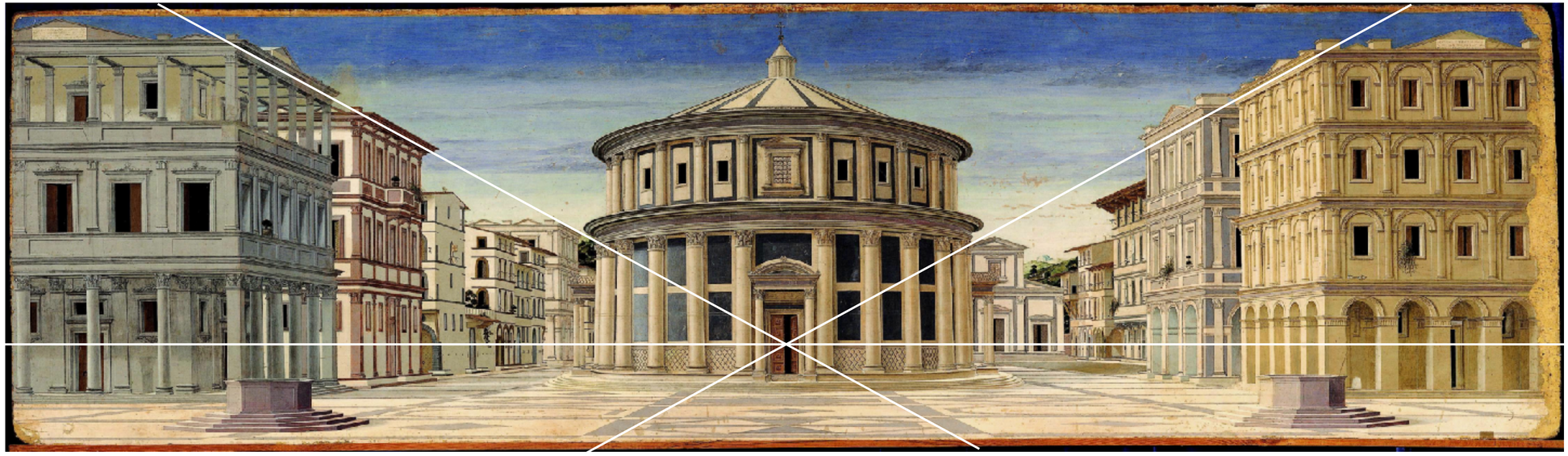
PERSPECTIVE TALK - BLAISE SMITH RHA

PERSPECTIVE TALK - BLAISE SMITH RHA



PERSPECTIVE TALK - BLAISE SMITH RHA



PERSPECTIVE TALK - BLAISE SMITH RHA

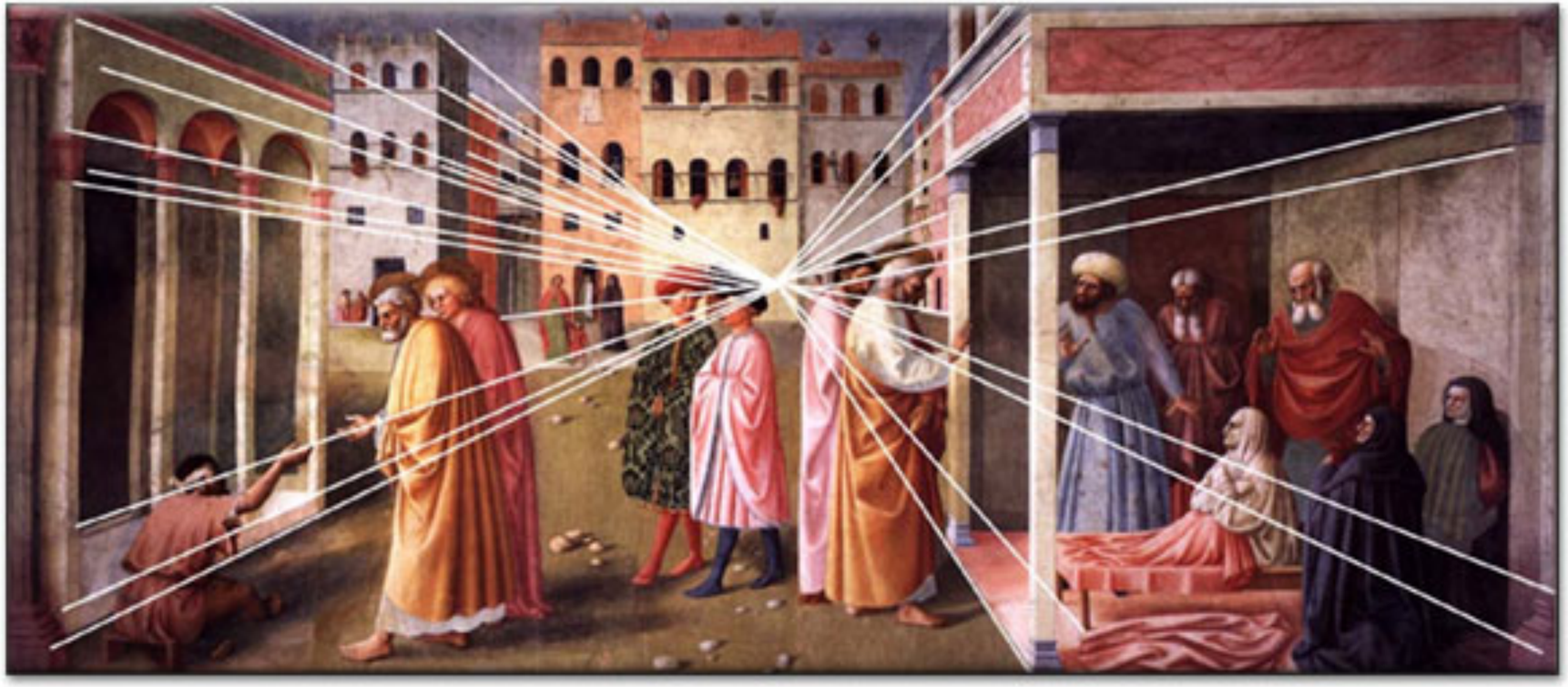


Figure 29
Receding lines converge to the central vanishing point P in *The Music Lesson*. The horizon line passes through the vanishing point.

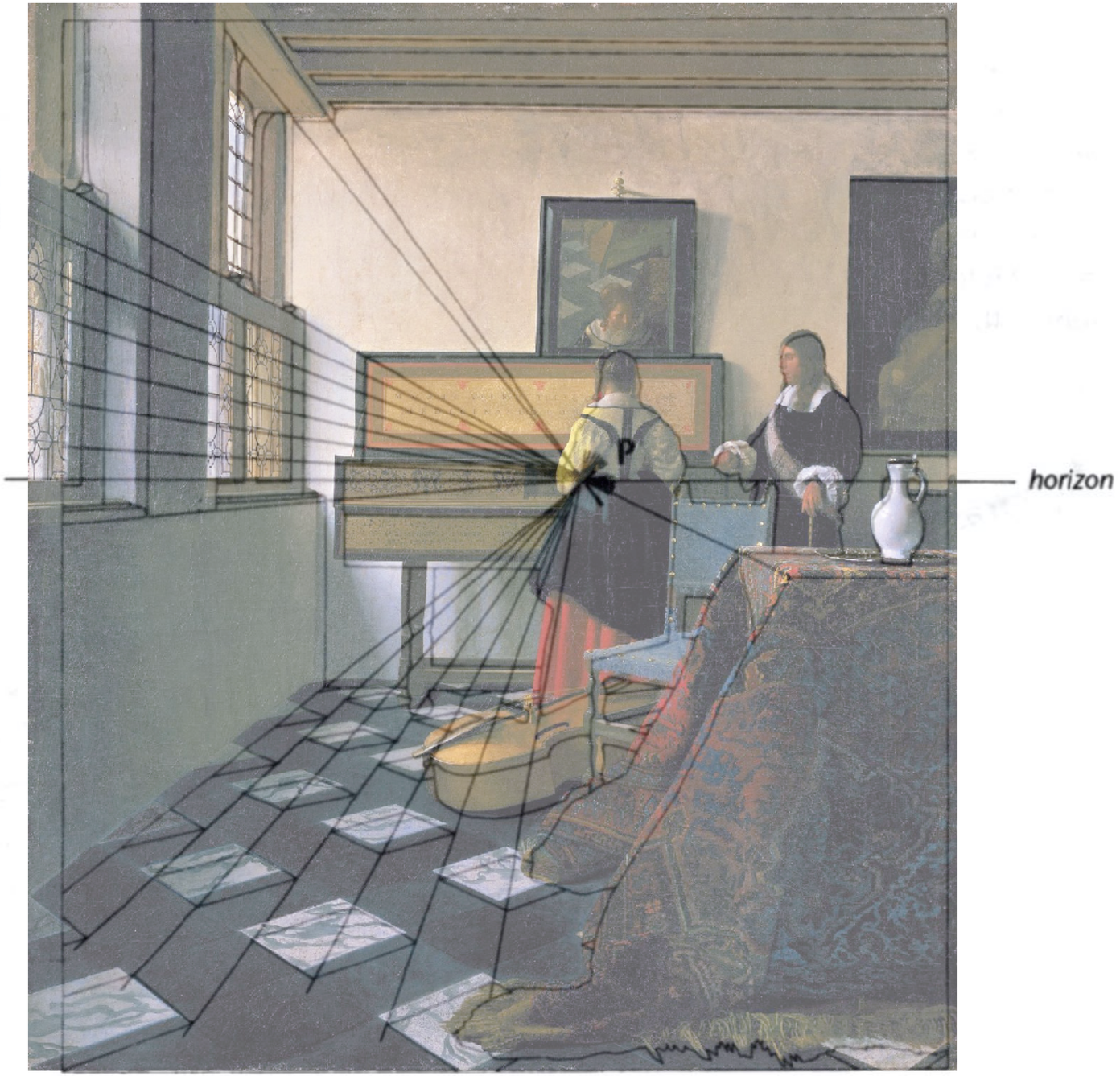


Figure 29
Receding lines converge to the central vanishing point P in *The Music Lesson*. The horizon line passes through the vanishing point.

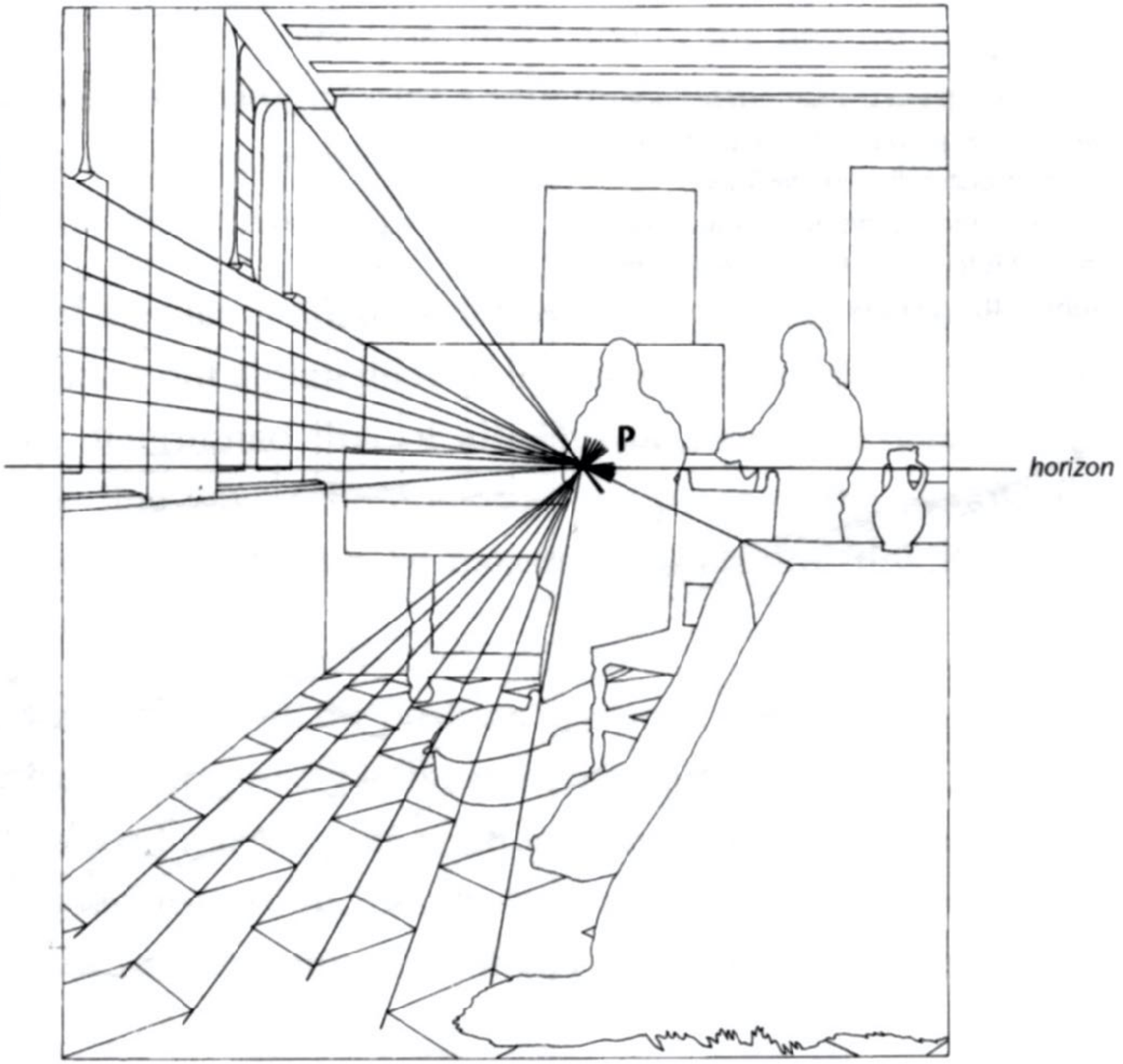
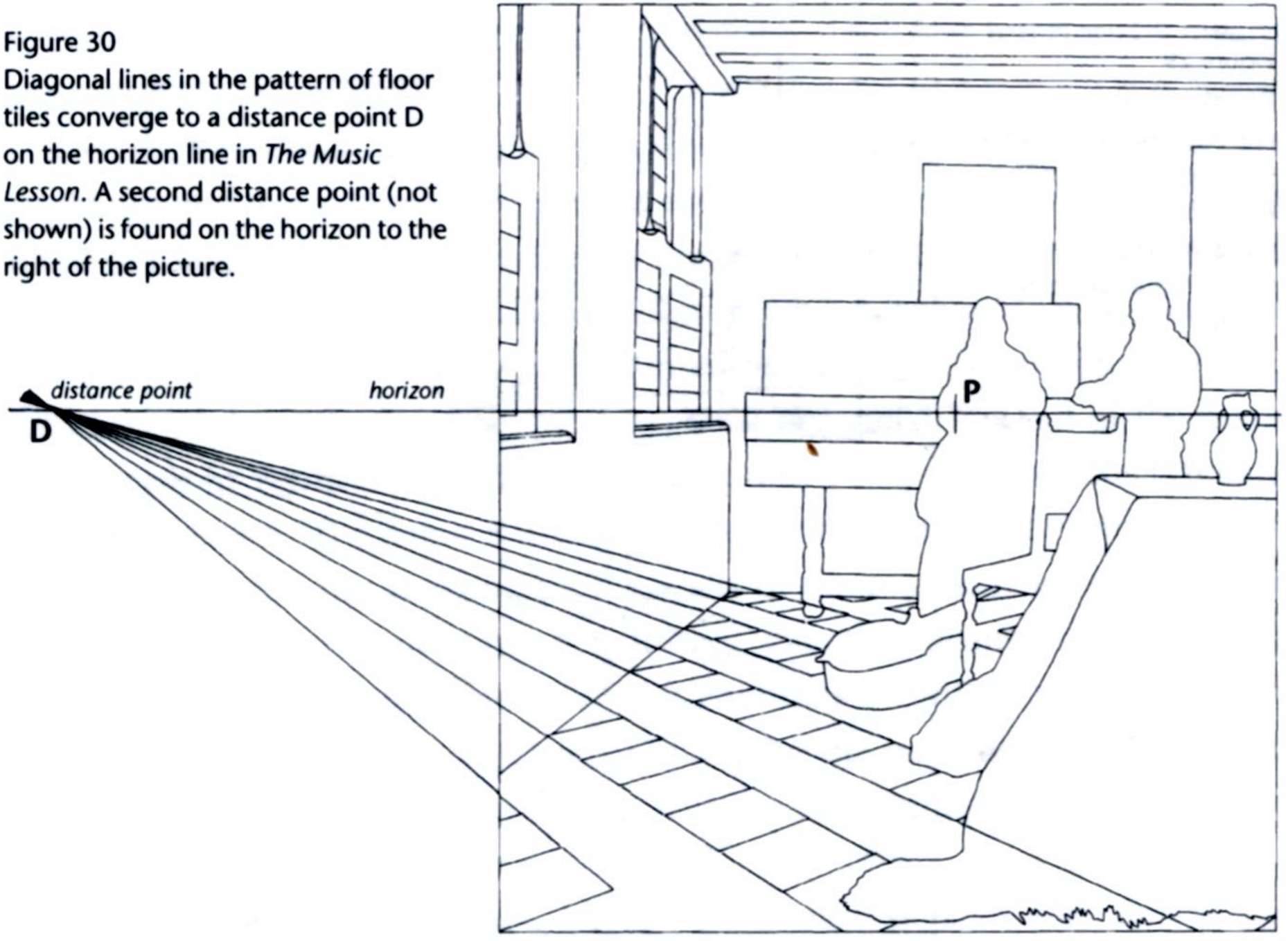


Figure 29
Receding lines converge to the central vanishing point P in *The Music Lesson*. The horizon line passes through the vanishing point.

Figure 30
Diagonal lines in the pattern of floor tiles converge to a distance point D on the horizon line in *The Music Lesson*. A second distance point (not shown) is found on the horizon to the right of the picture.



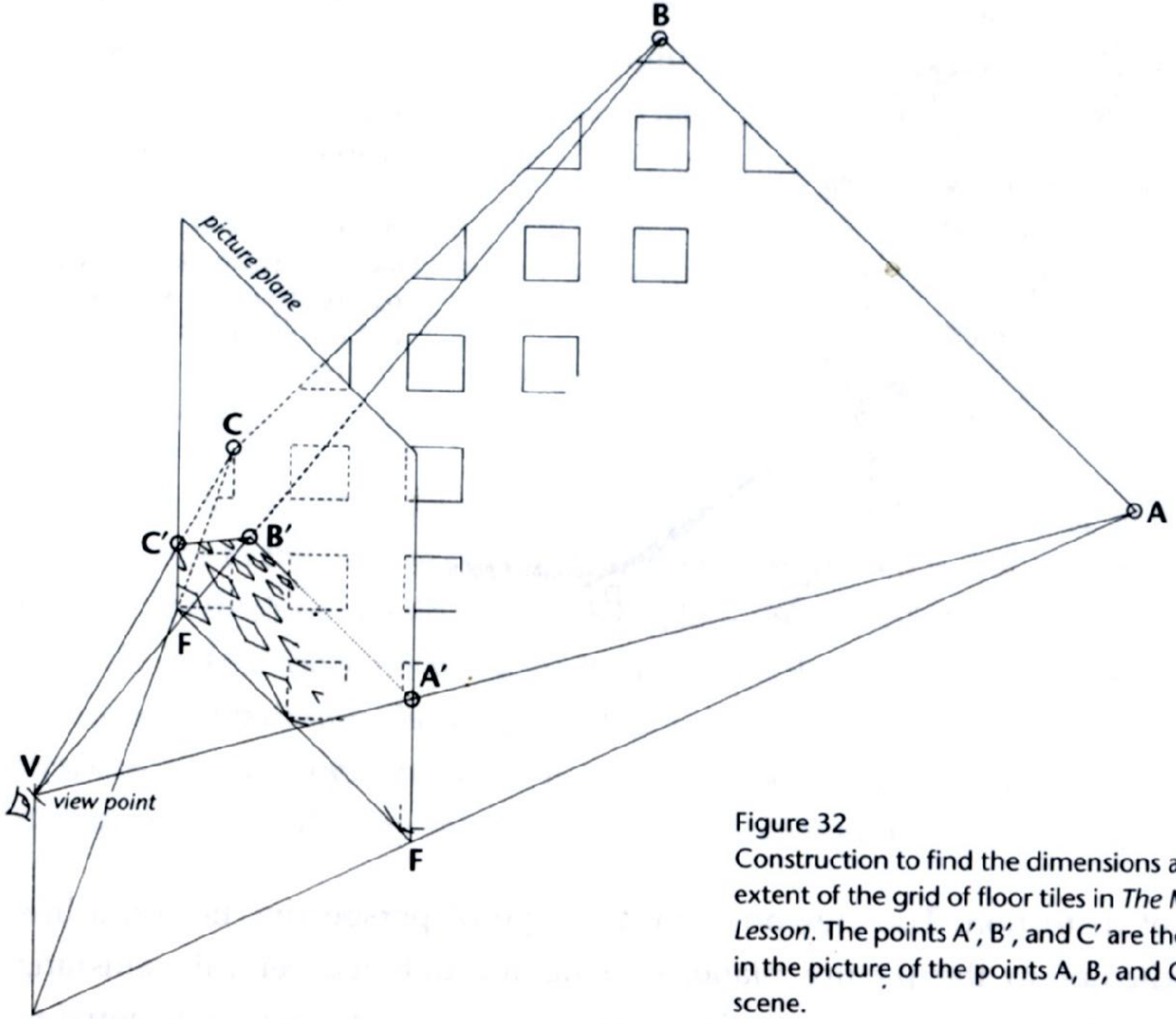


Figure 32
Construction to find the dimensions and extent of the grid of floor tiles in *The Music Lesson*. The points A′, B′, and C′ are the images in the picture of the points A, B, and C in the scene.

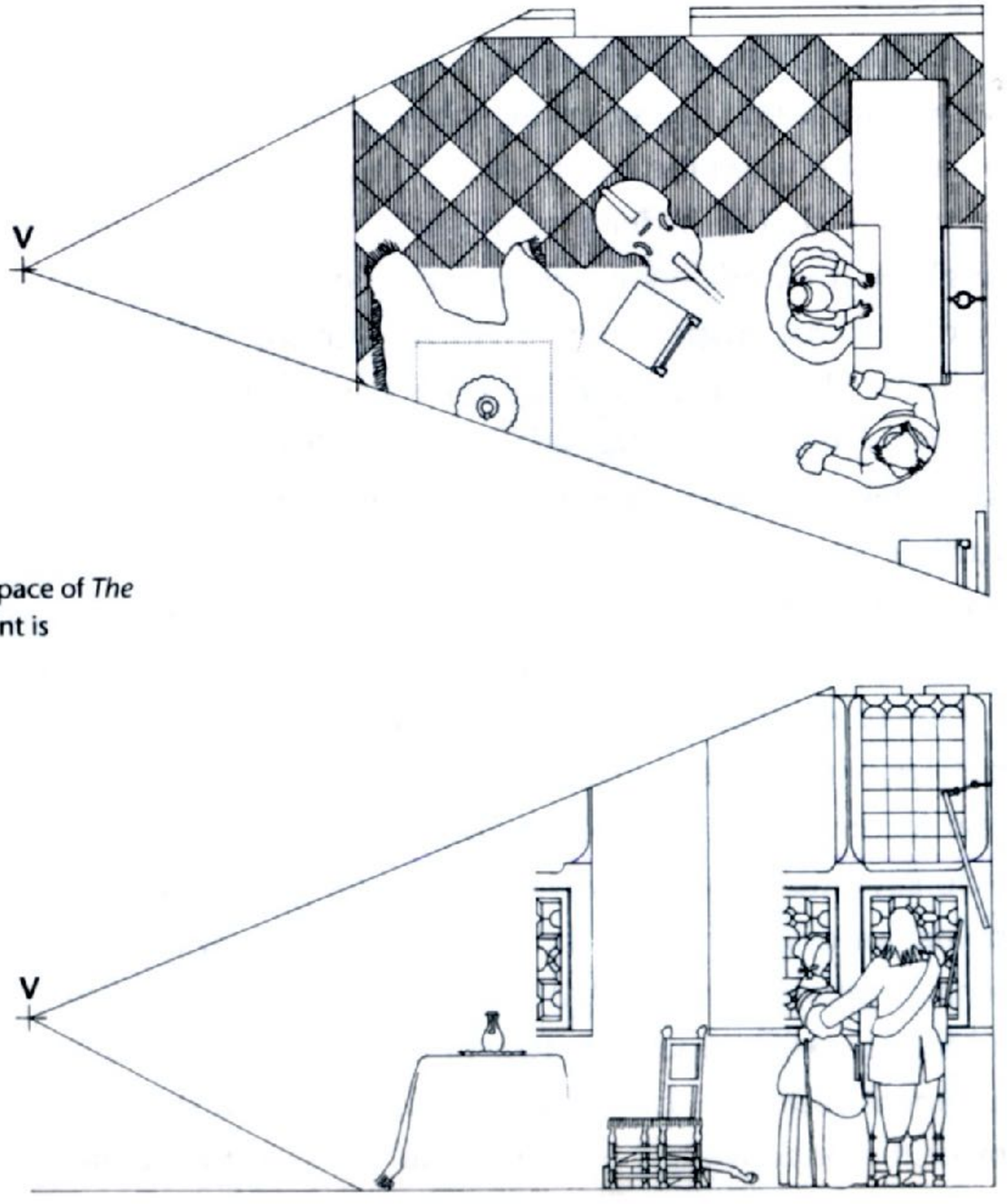
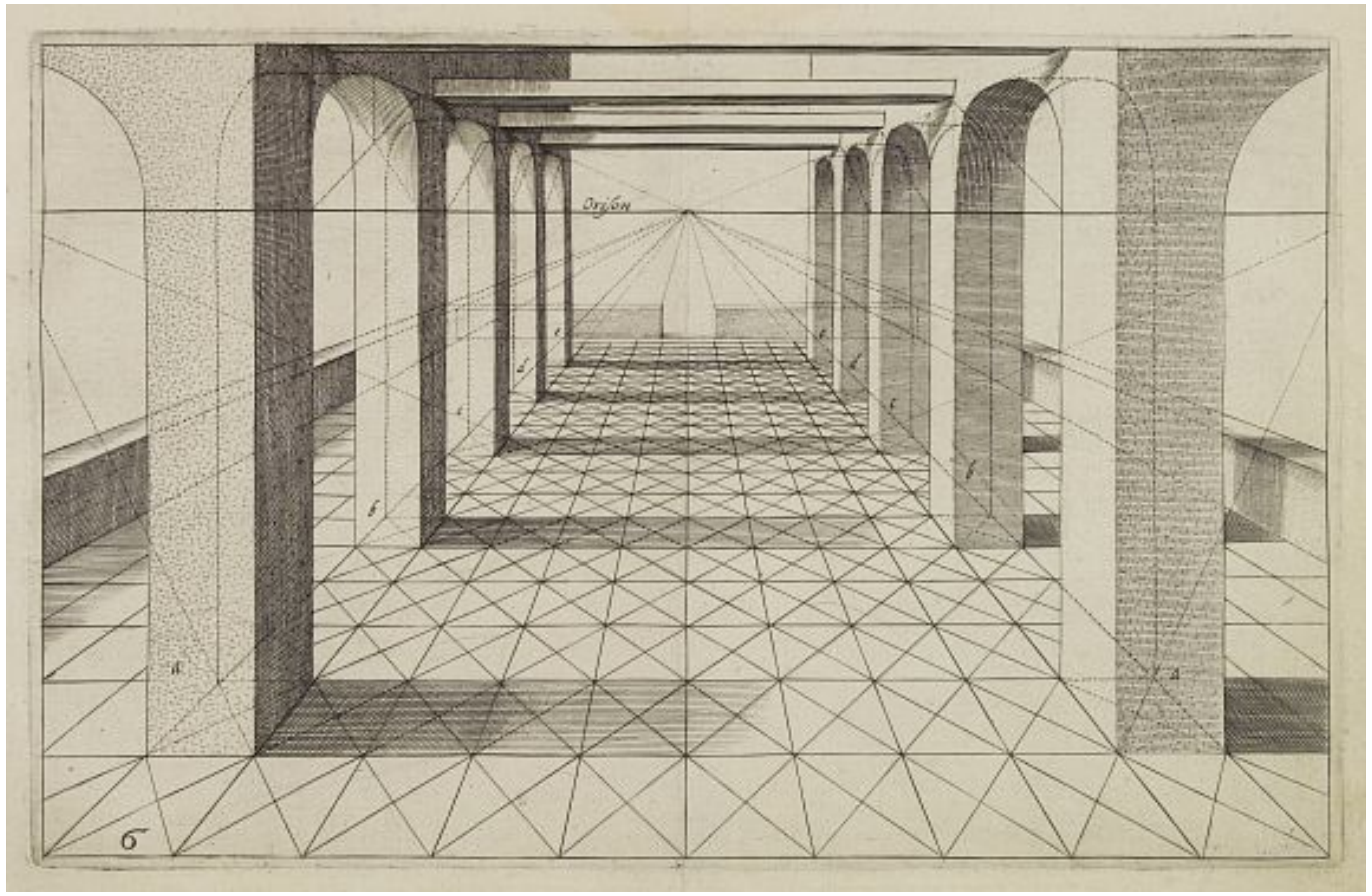
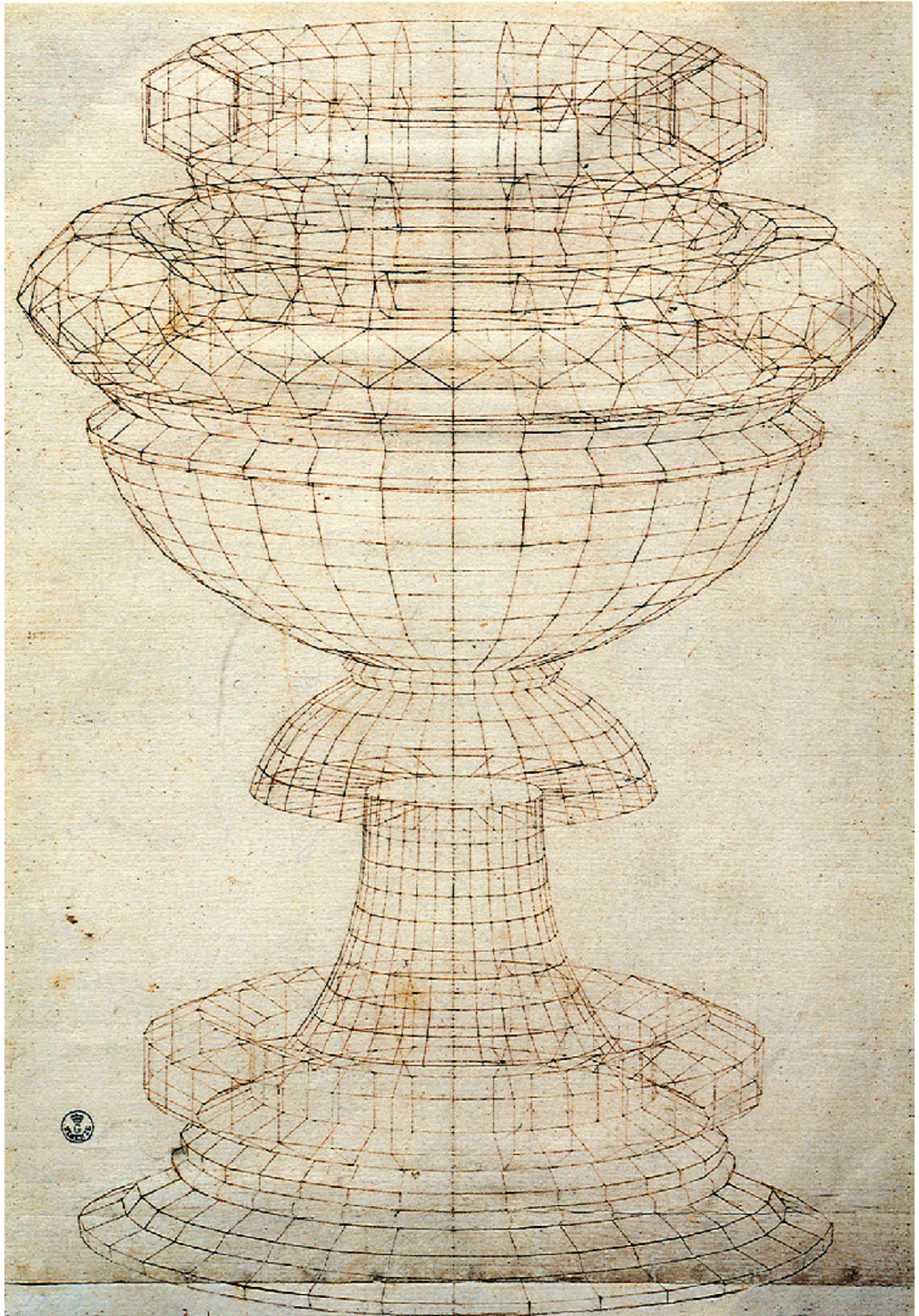
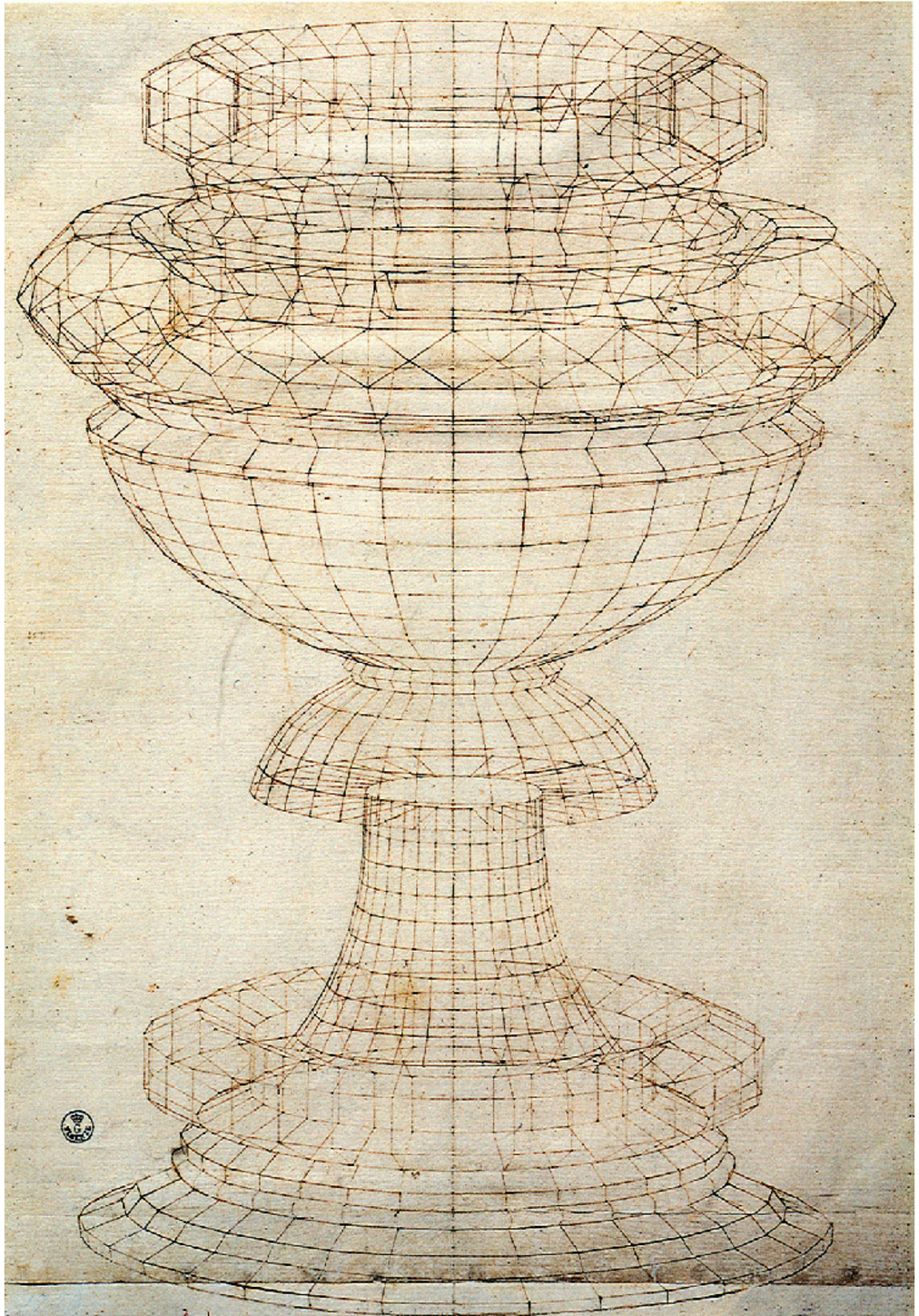
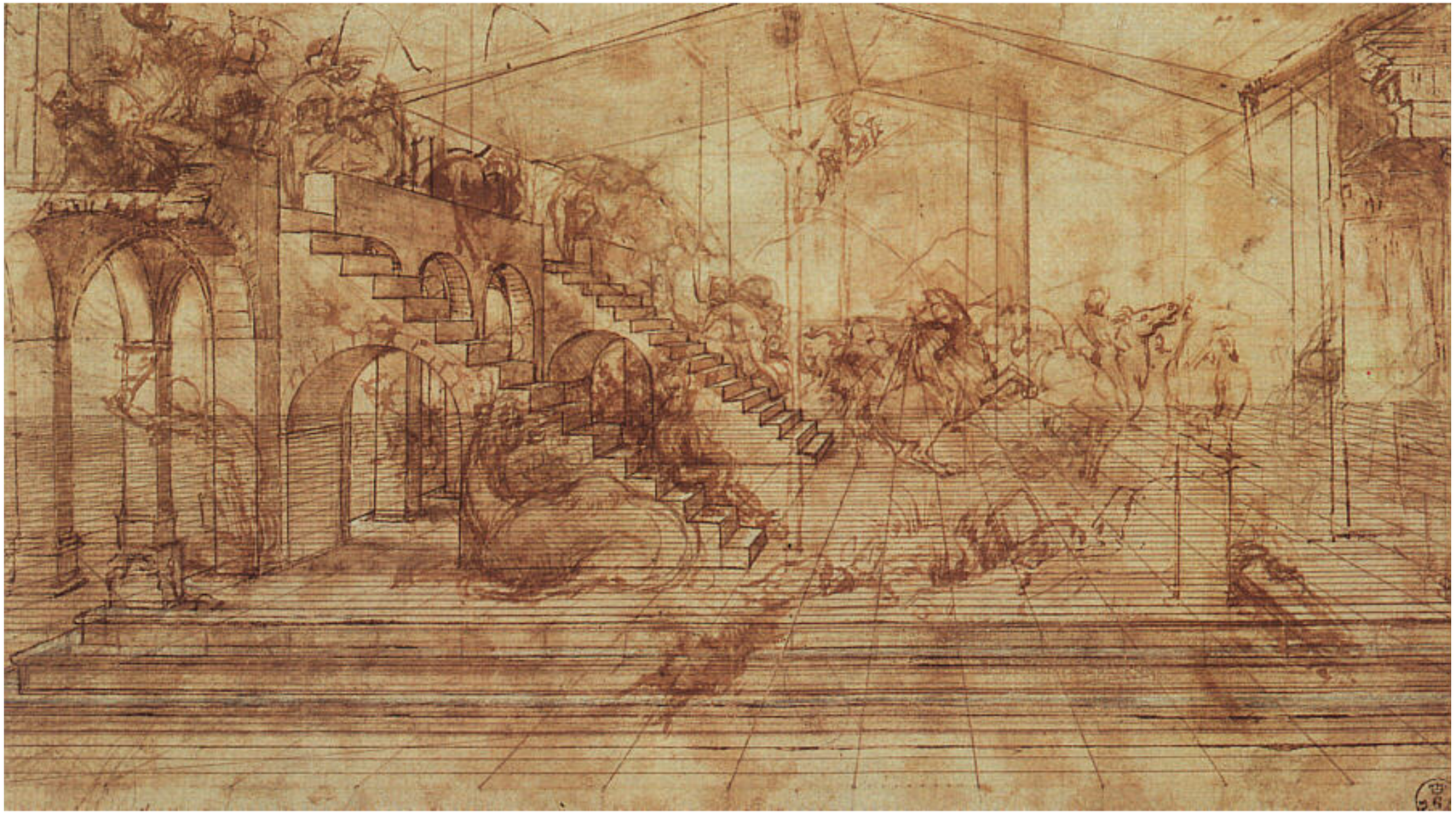


Figure 33
Plan and side view of the space of *The Music Lesson*. The viewpoint is labelled V in both cases.


Orizon
6

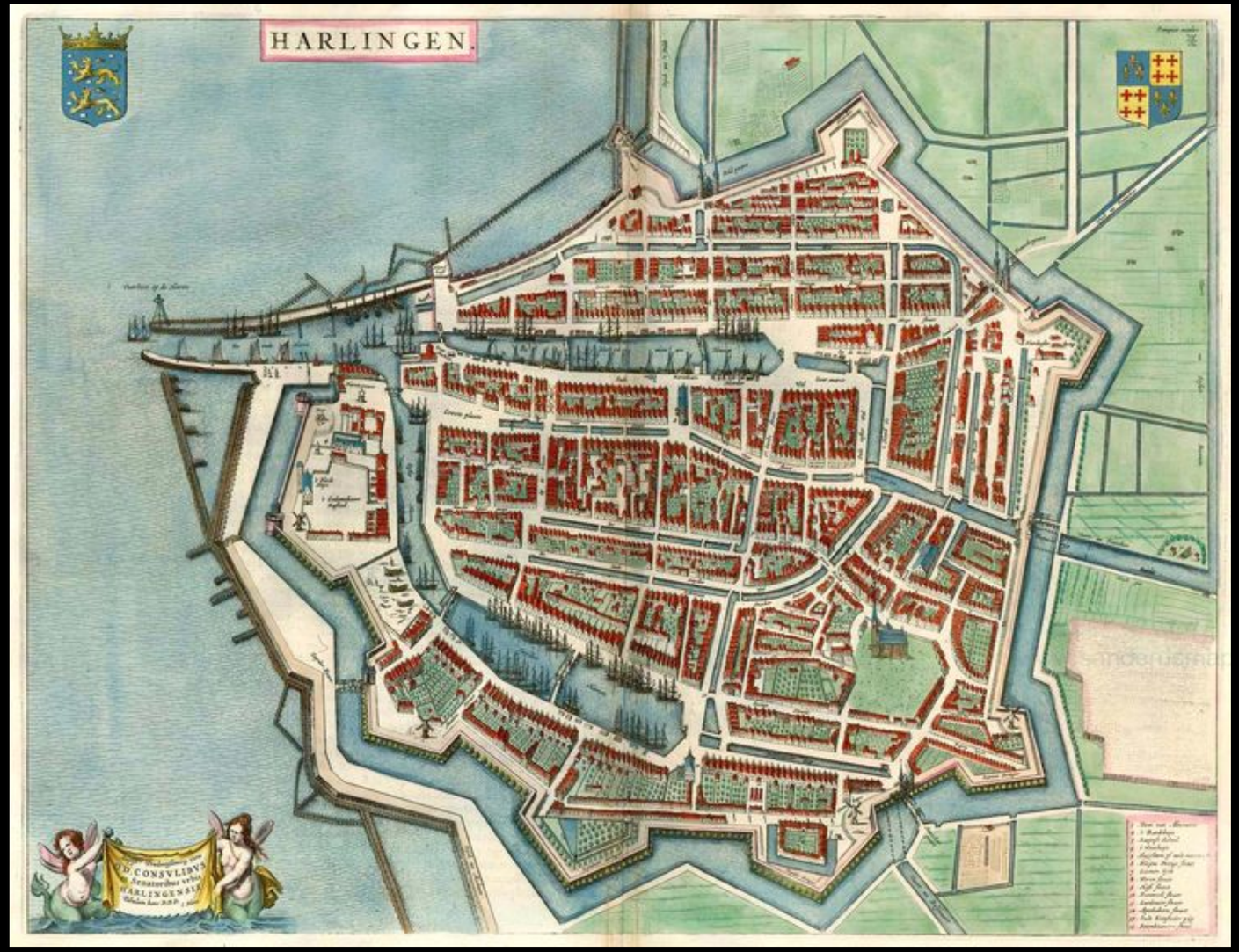






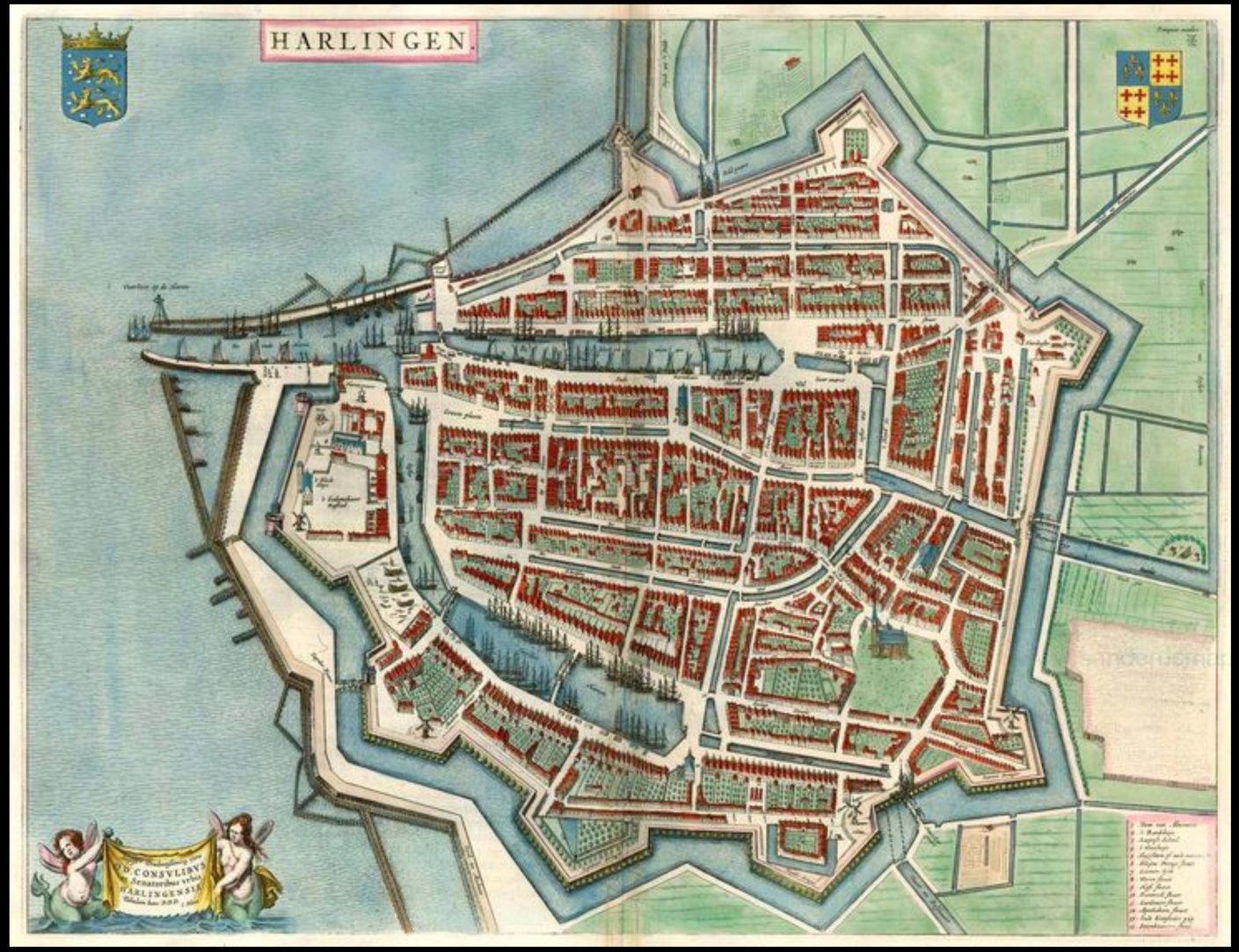
Leonardo da Vinci's Plan of Imola, 1502. Source: Wikimedia Commons. Da Vinci proposed an aerial view of Imola, combining accurate techniques of measurements with an aesthetic appeal. The result is a masterpiece work of cartography. This map was ordered by Cesare Borgia, an Italian nobleman and politician, after conquering the city.


FIORENZA



Ordnance Survey Maps

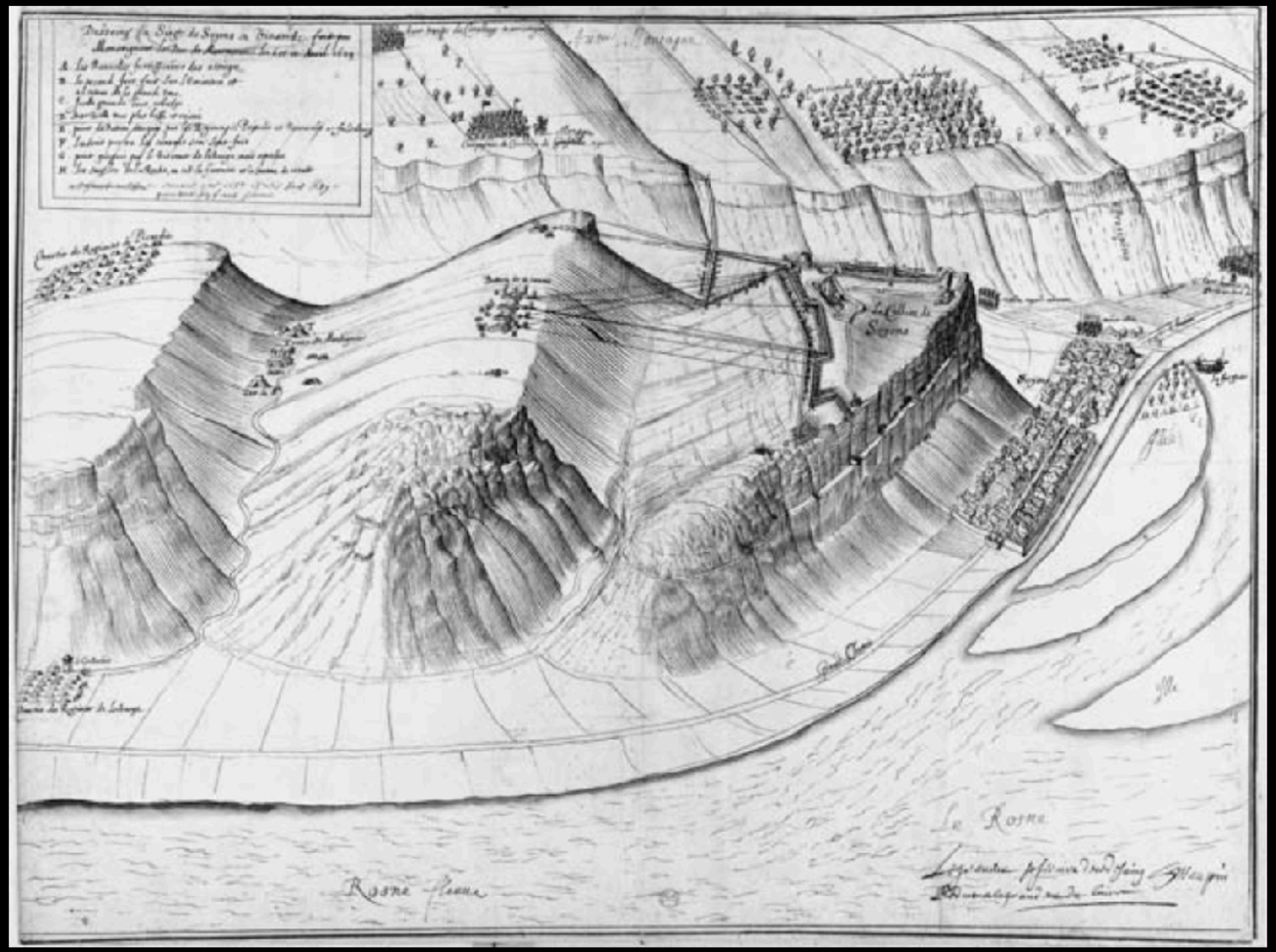
Ordnance Survey was the national mapping agency for Great Britain. The agency's name indicates its original military purpose, which was to map Scotland in the wake of the Jacobite rising of 1745. There was also a more general and nationwide need in light of the potential threat of invasion during the Napoleonic Wars



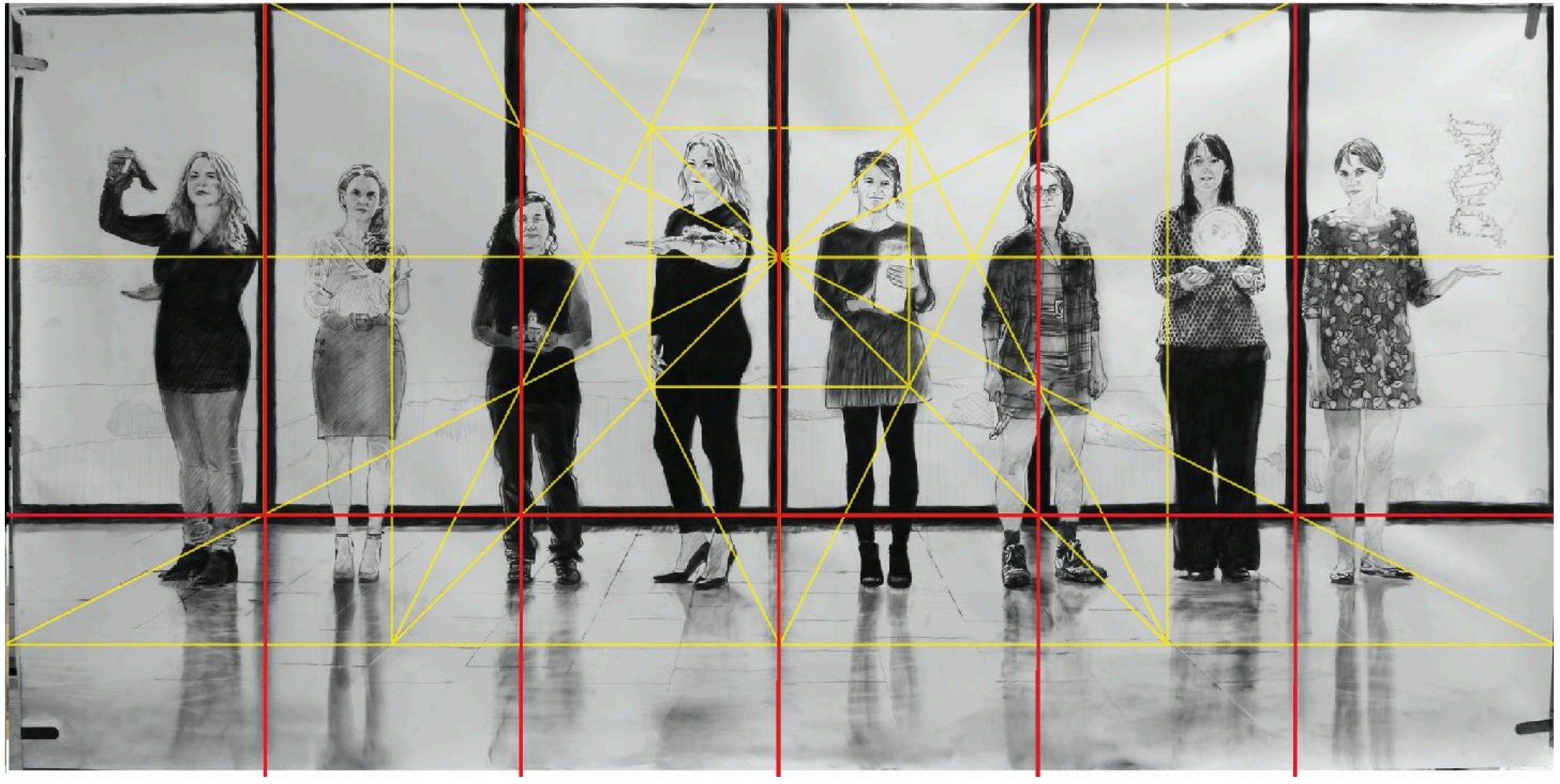
Ordnance Survey Maps

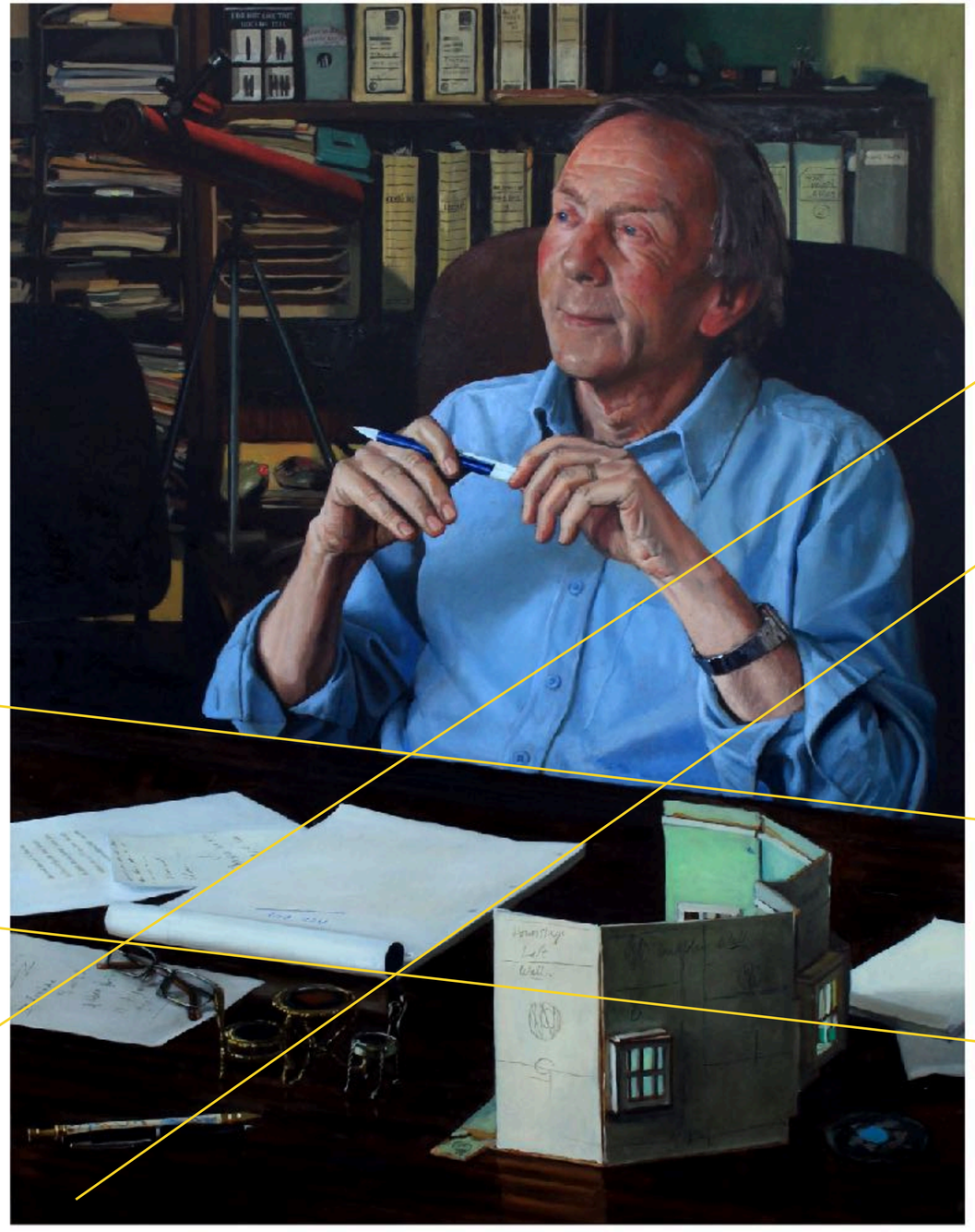
Ordnance = Cannon, Artillery,Shells

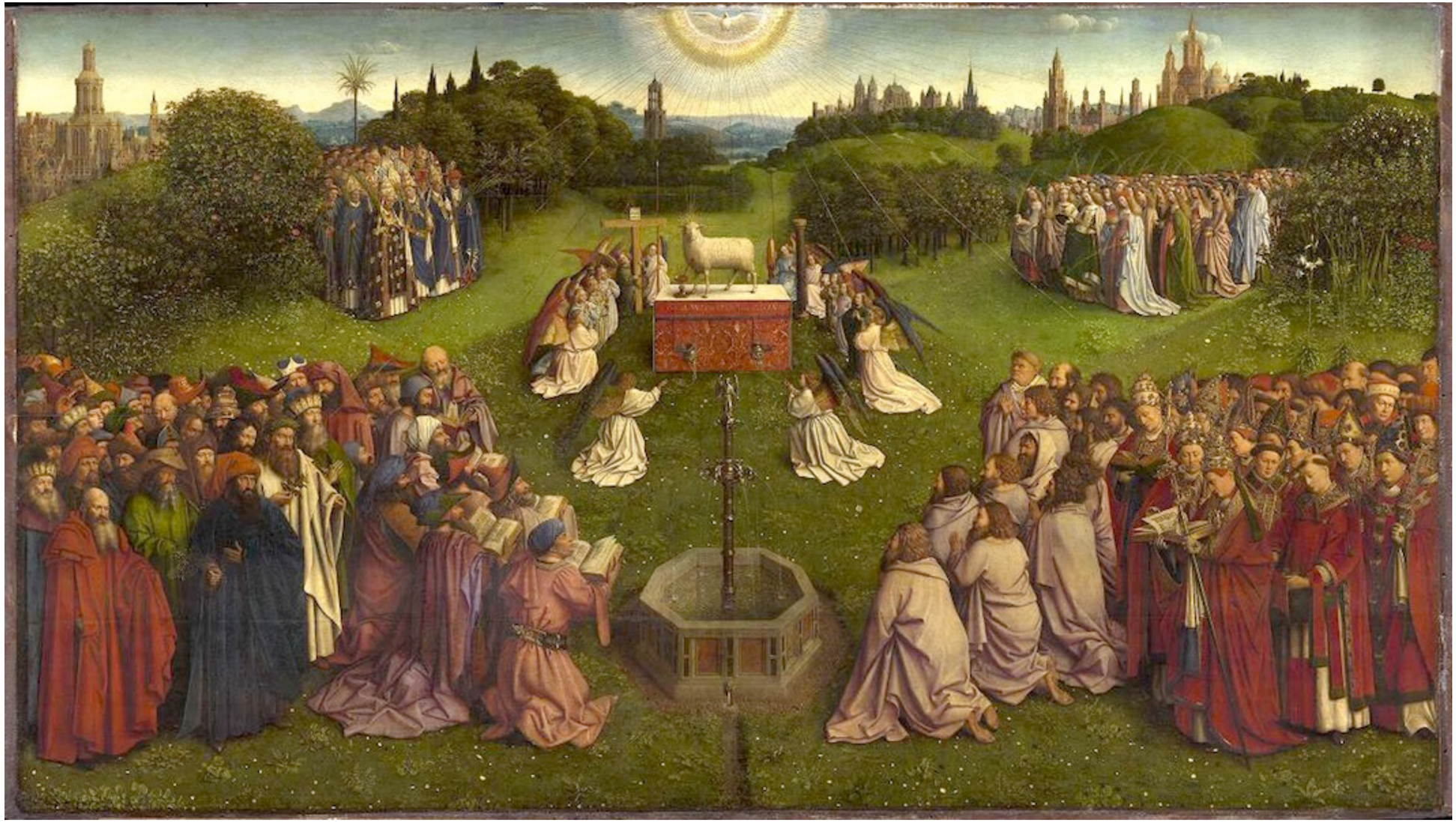
Ordnance Survey was the national mapping agency for Great Britain. The agency's name indicates its original military purpose, which was to map Scotland in the wake of the Jacobite rising of 1745. There was also a more general and nationwide need in light of the potential threat of invasion during the Napoleonic Wars



JEAN DE BEINS, MAP OF THE SIEGE OF SOYONS, 1629. This map was drawn and signed by the royal military engineer Jean de Beins while in service at Mont- morency. It elegantly shows the surrounding topography of the city, positions of artillery battery, and troop encampments. The city's fortifications were later destroyed by the royal army. Photograph courtesy of the BNF (Estampes, Va 7, tome 2).

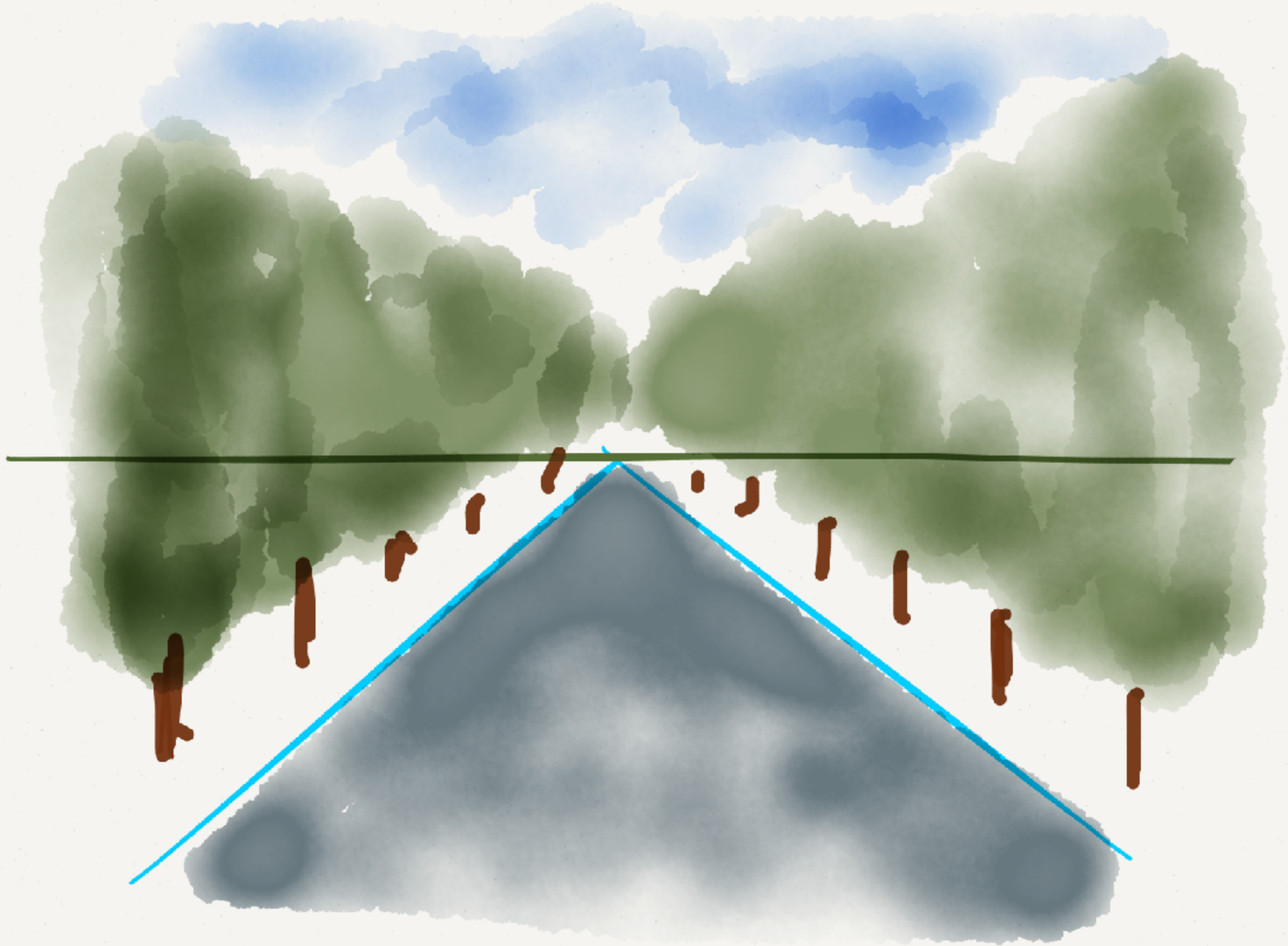


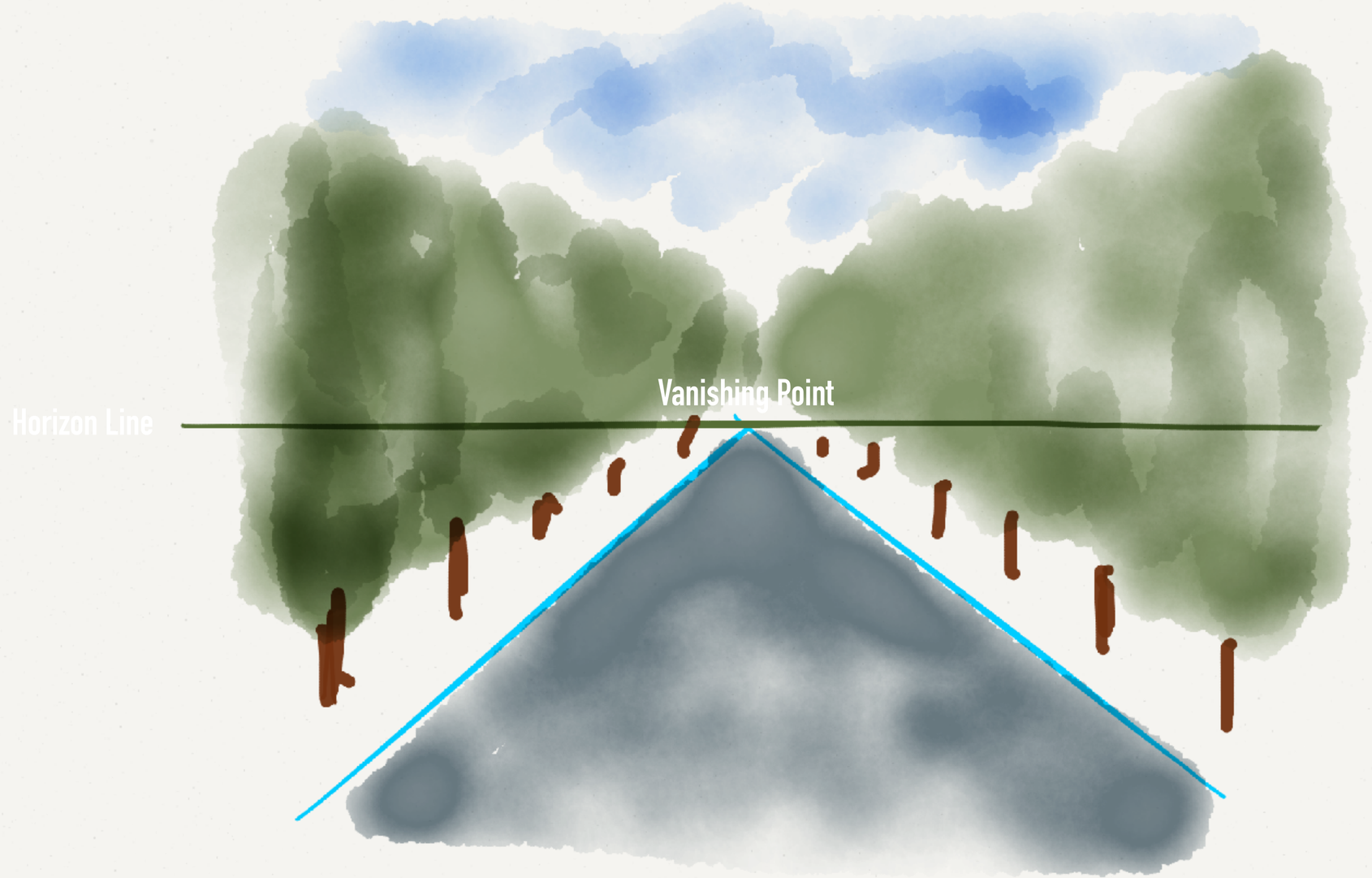


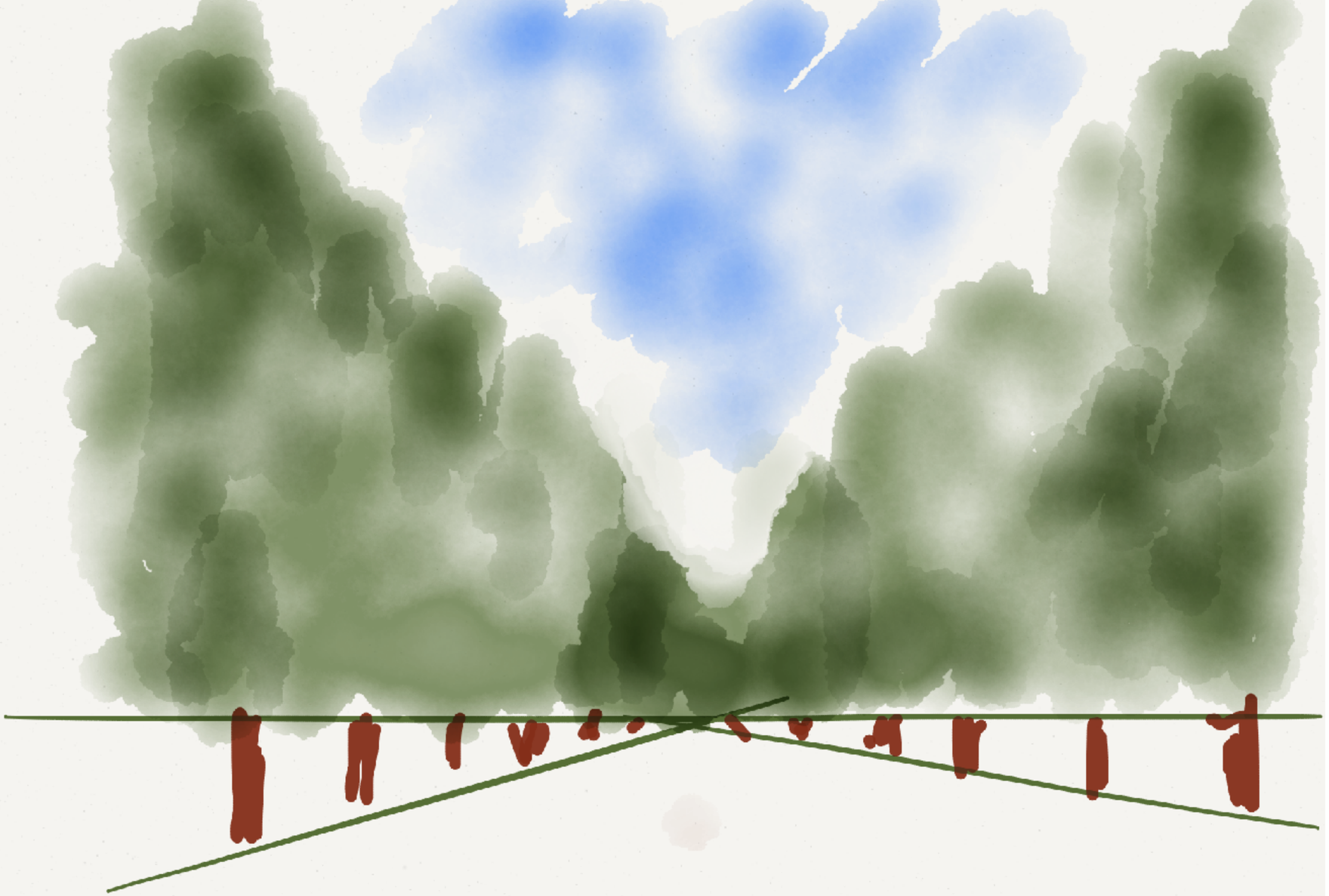


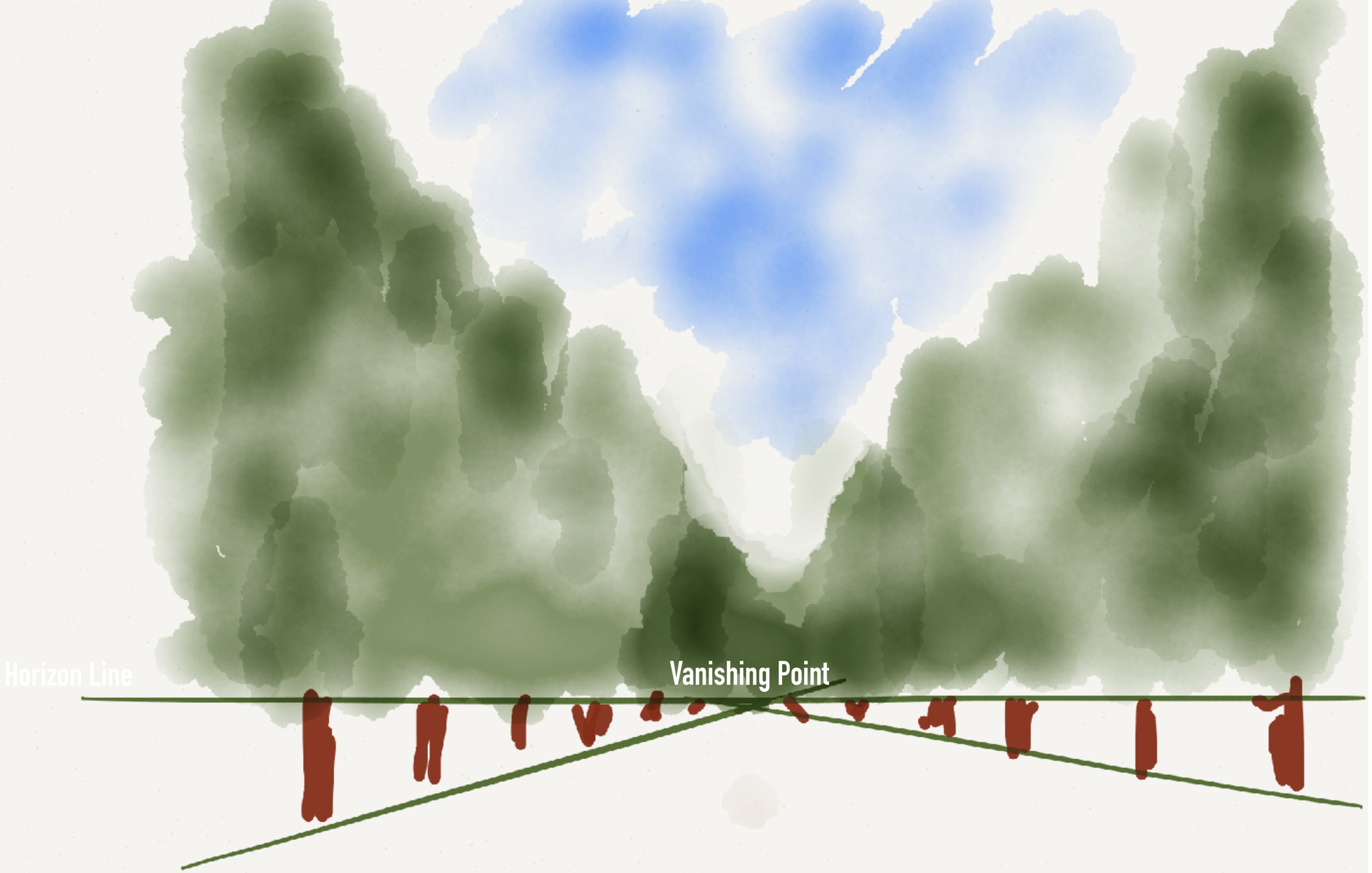
Rackstraw Downes

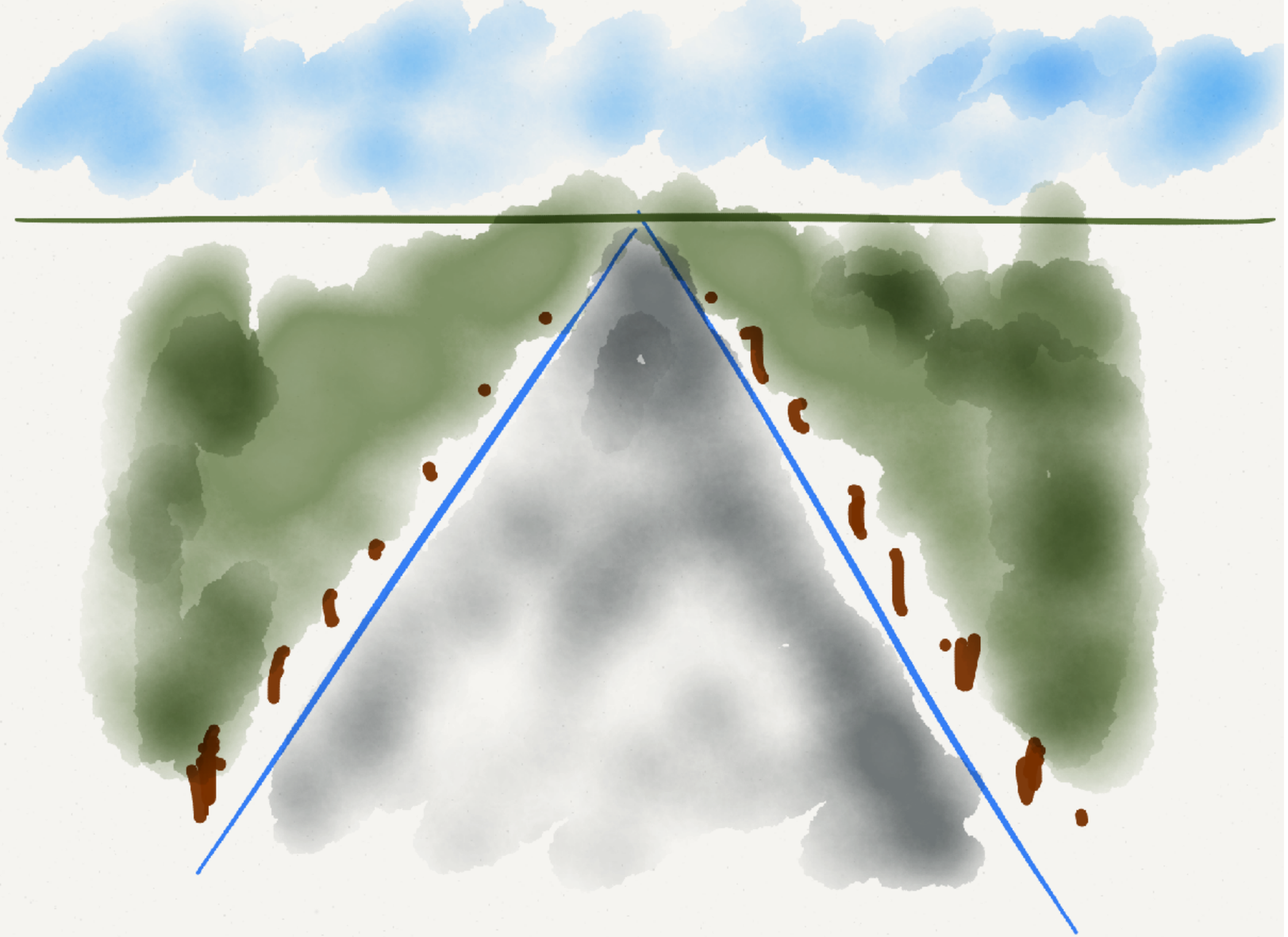
Hirschl & Adler Modern

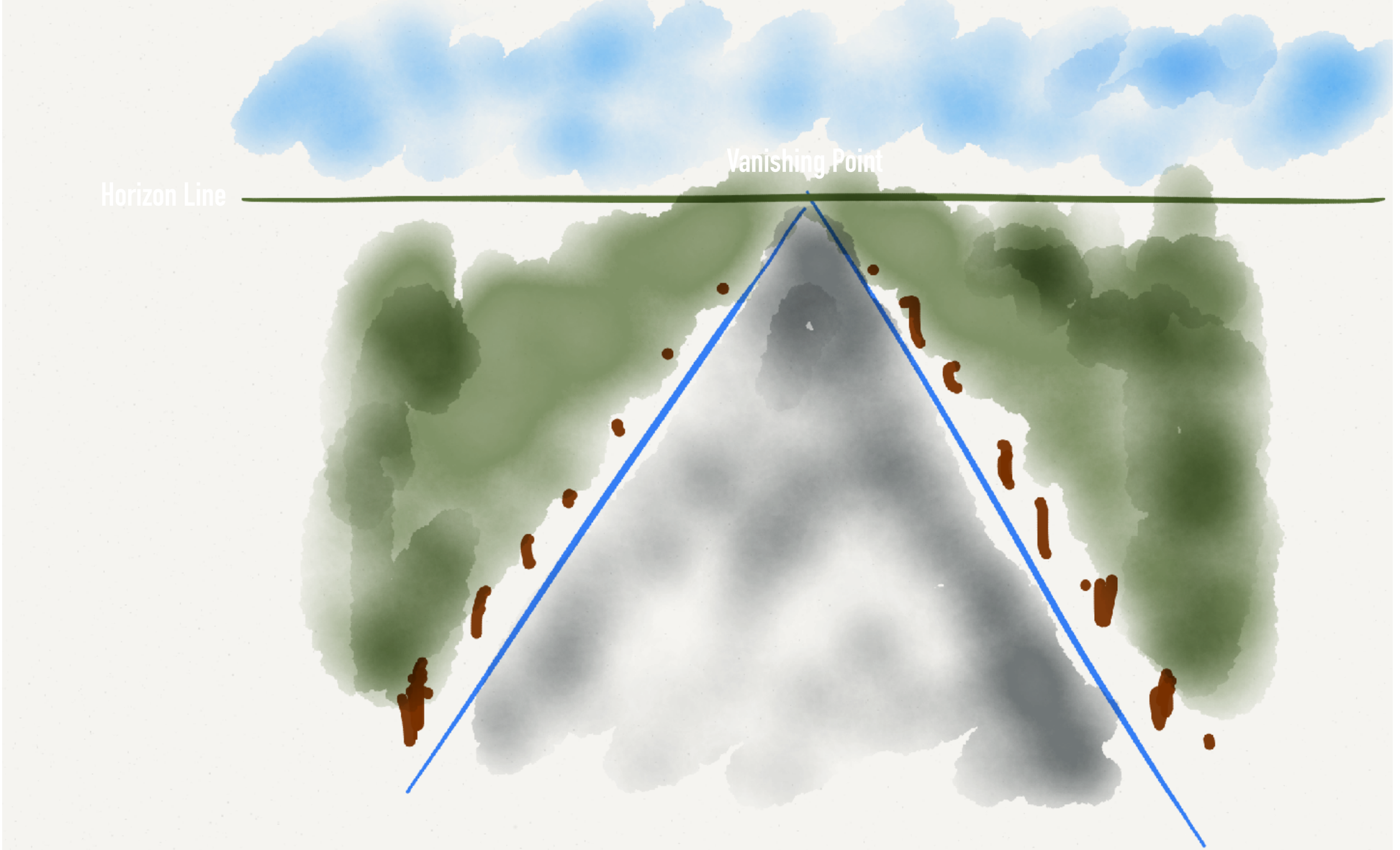


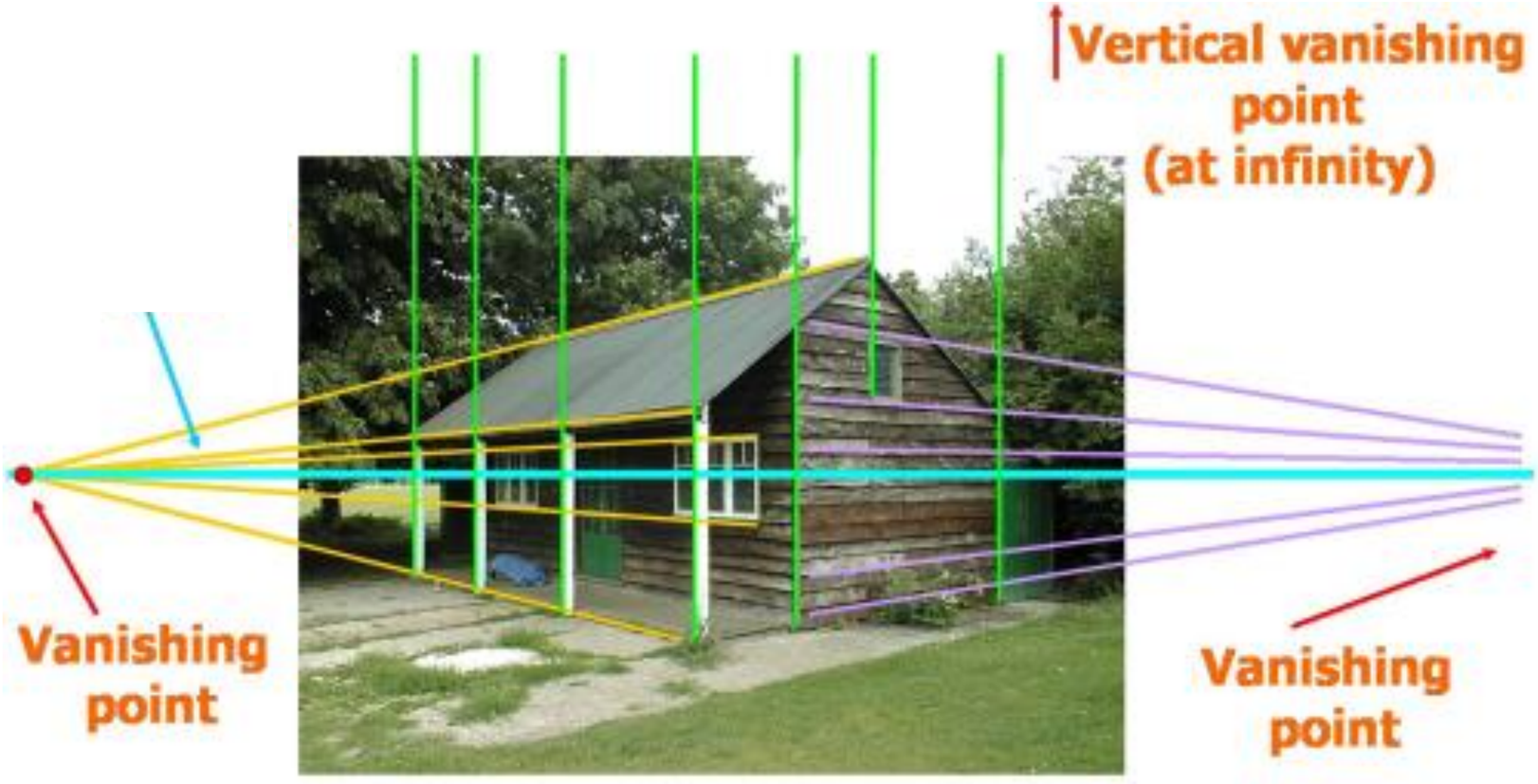

Horizon Line
Vanishing Point

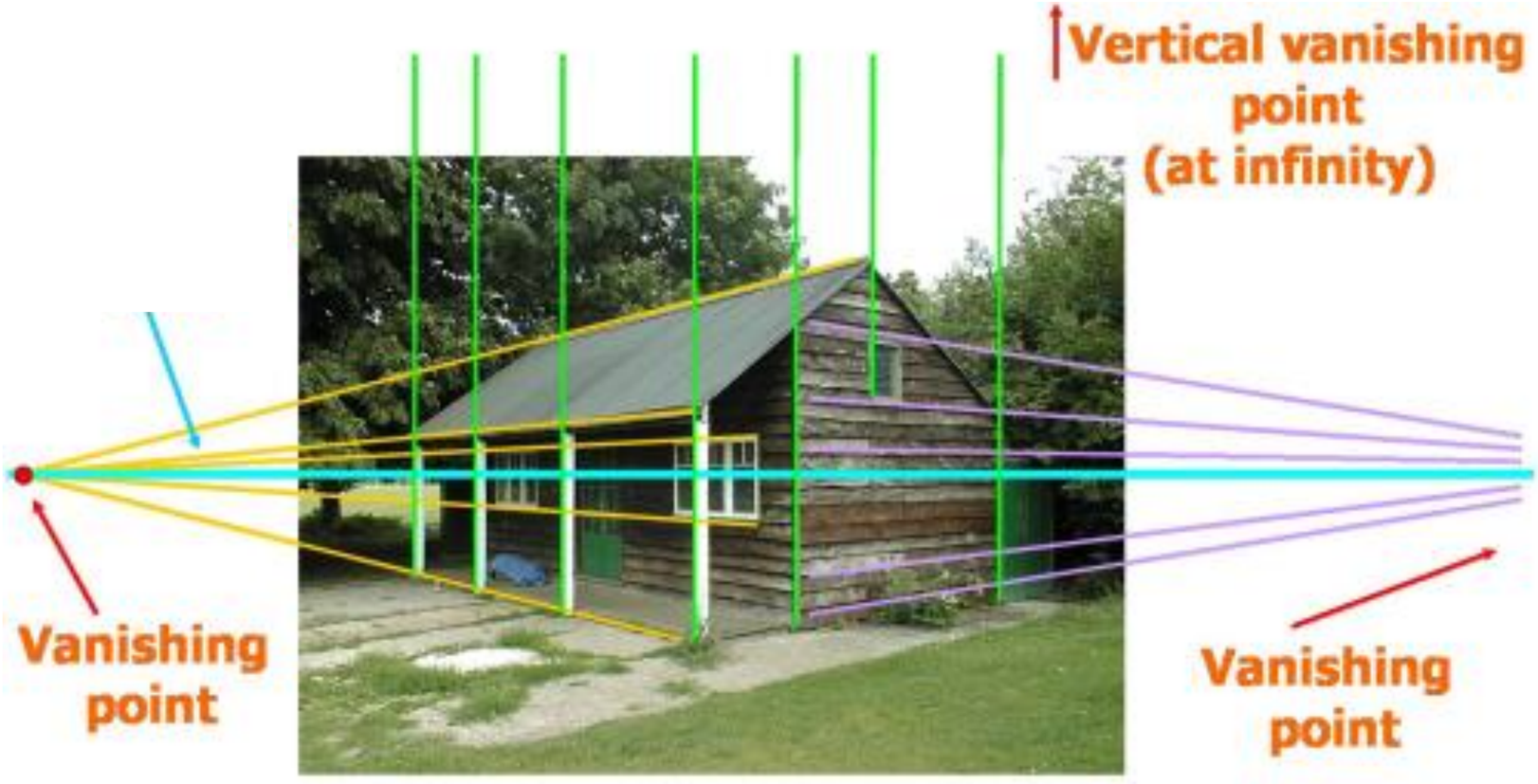


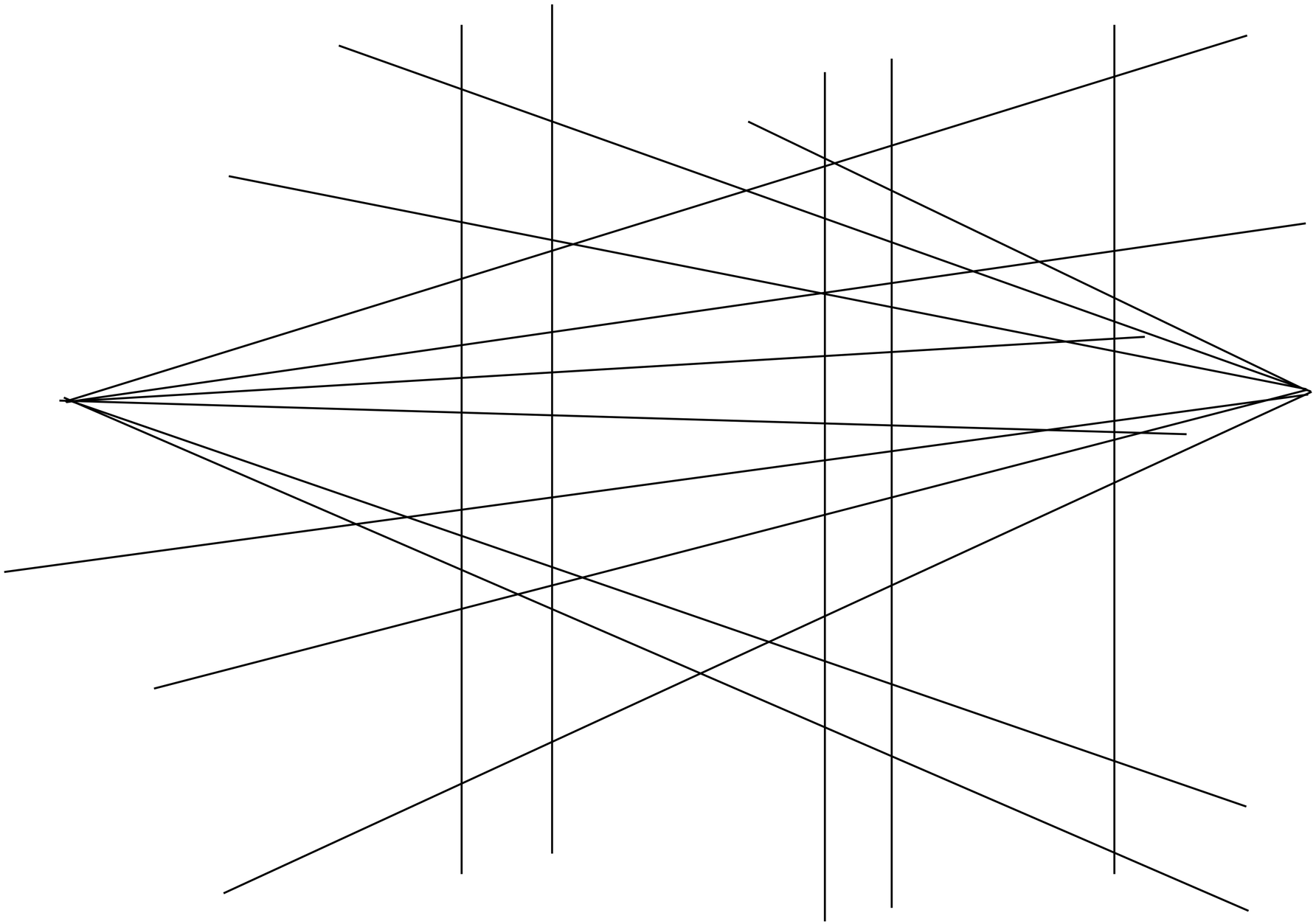

Horizon Line
Vanishing Point

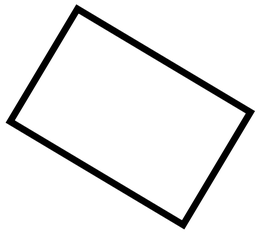


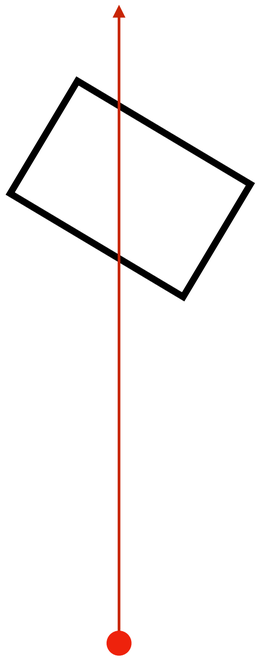

Vanishing Point
Horizon Line

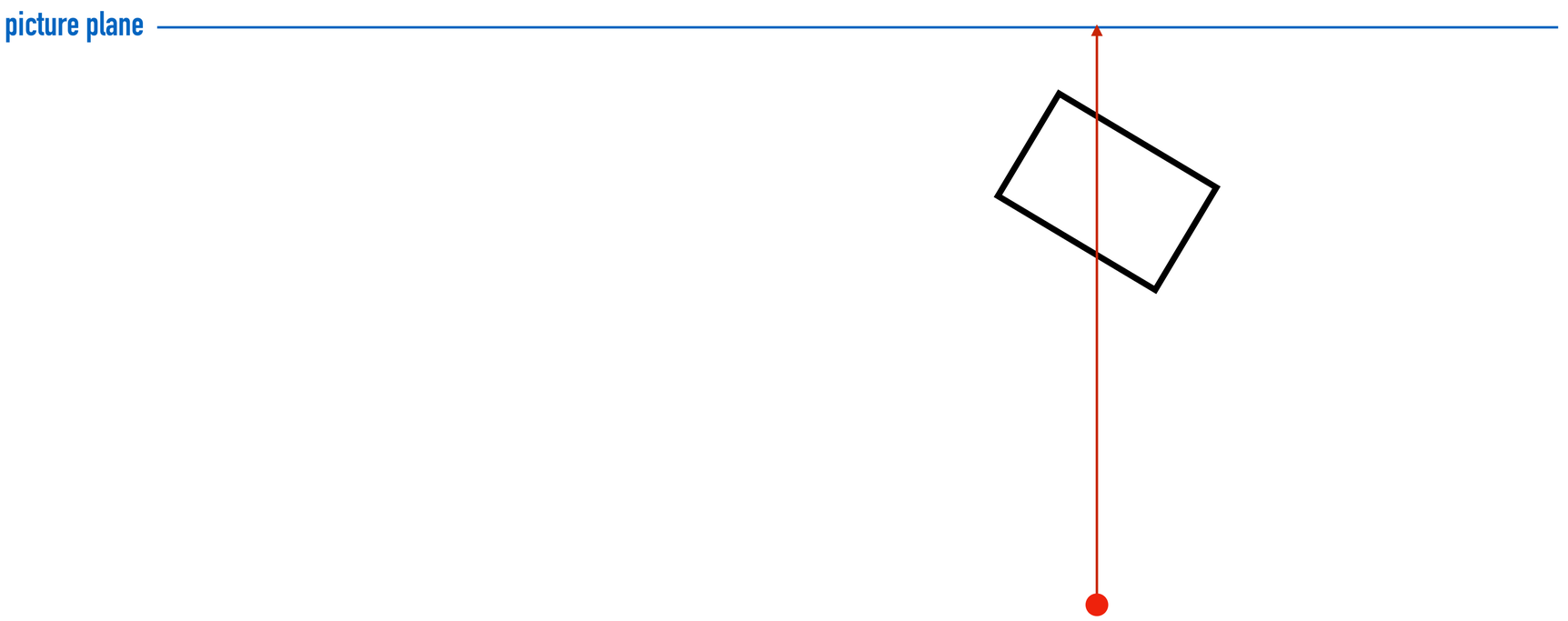

Vertical vanishing point (at infinity)
Vanishing point
Vanishing point


Vertical vanishing point (at infinity)
Vanishing point
Vanishing point





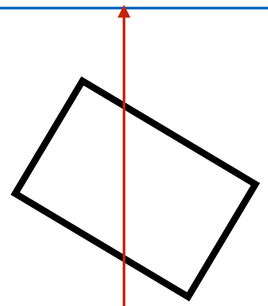


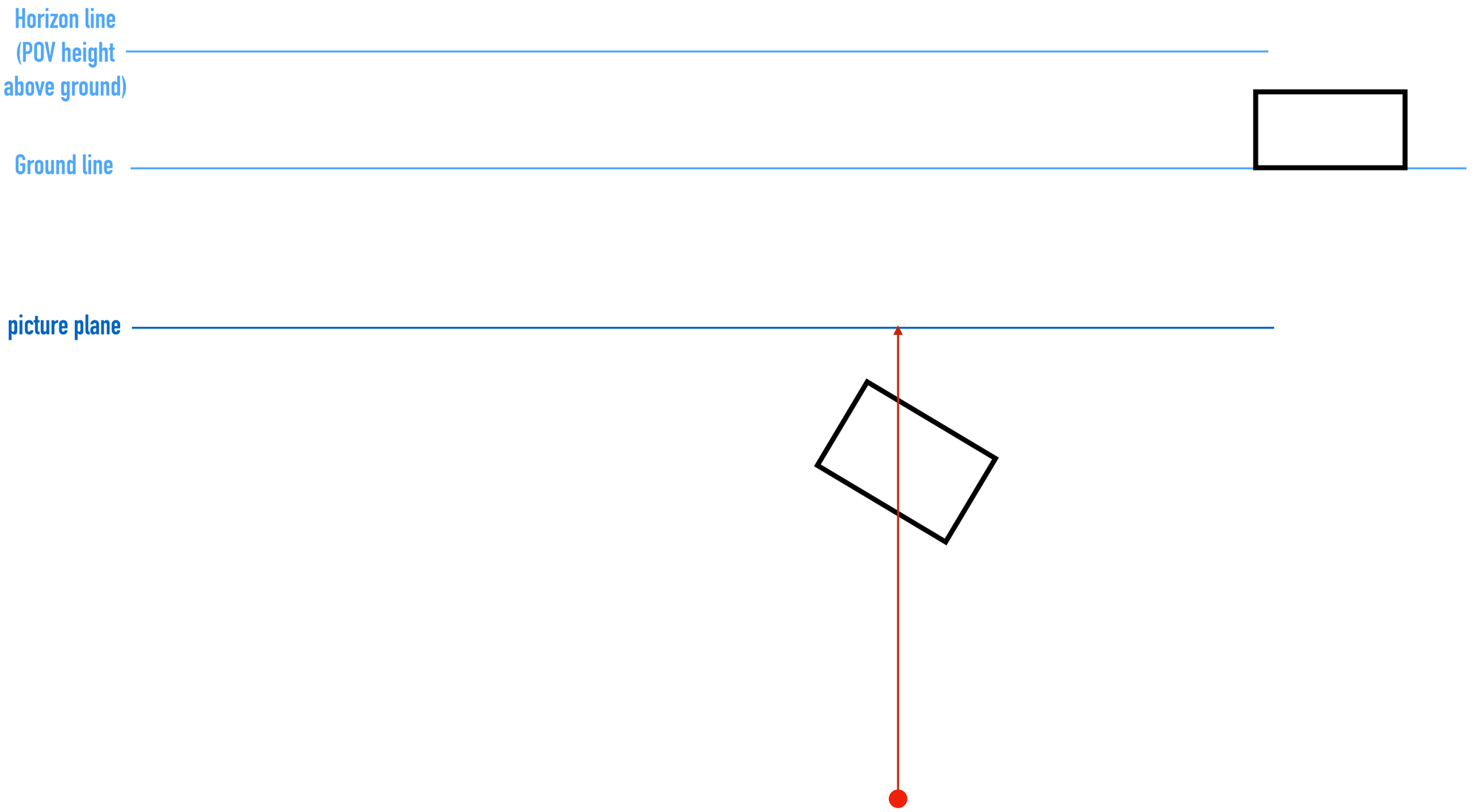

picture plane

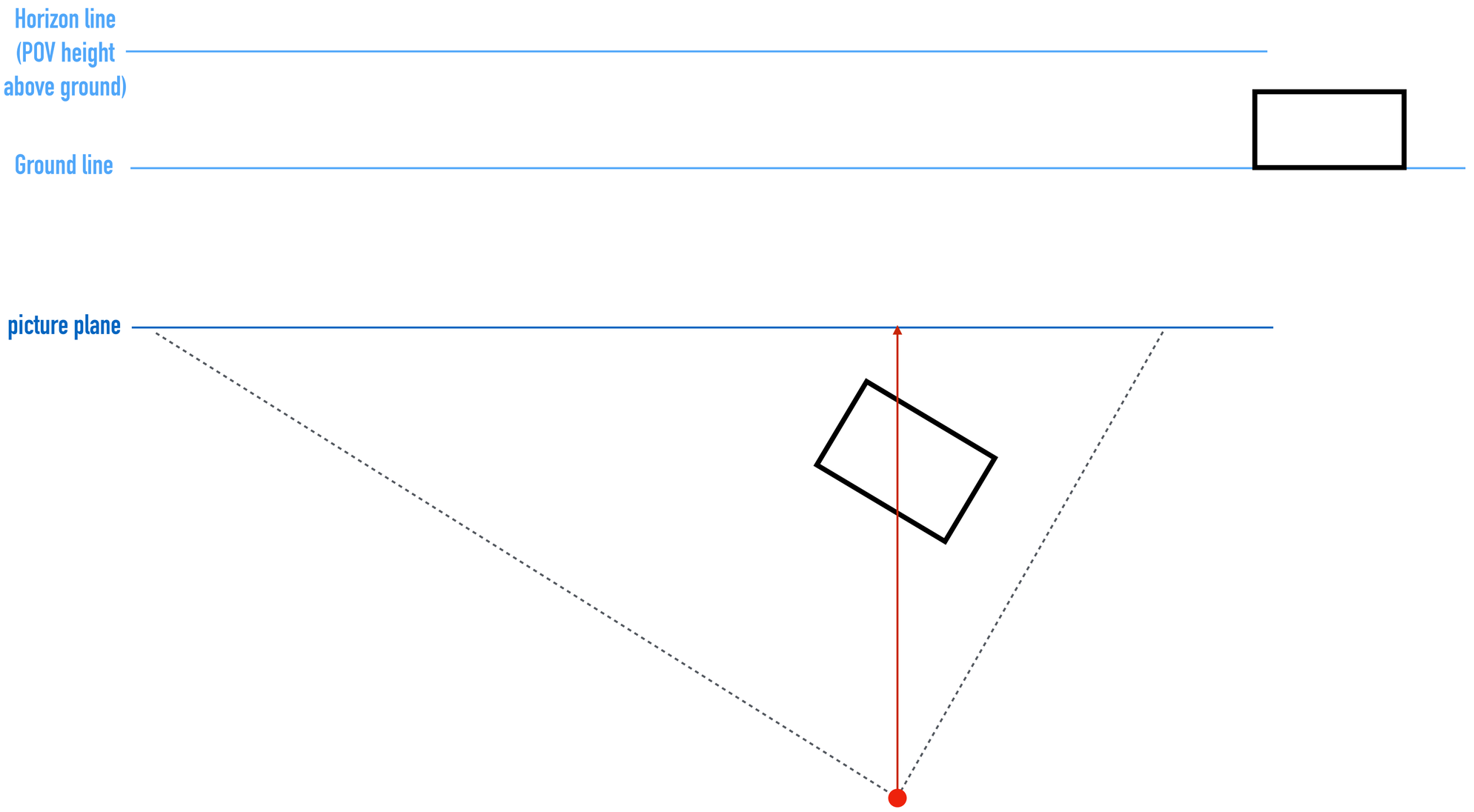
Horizon line
(POV height
above ground)

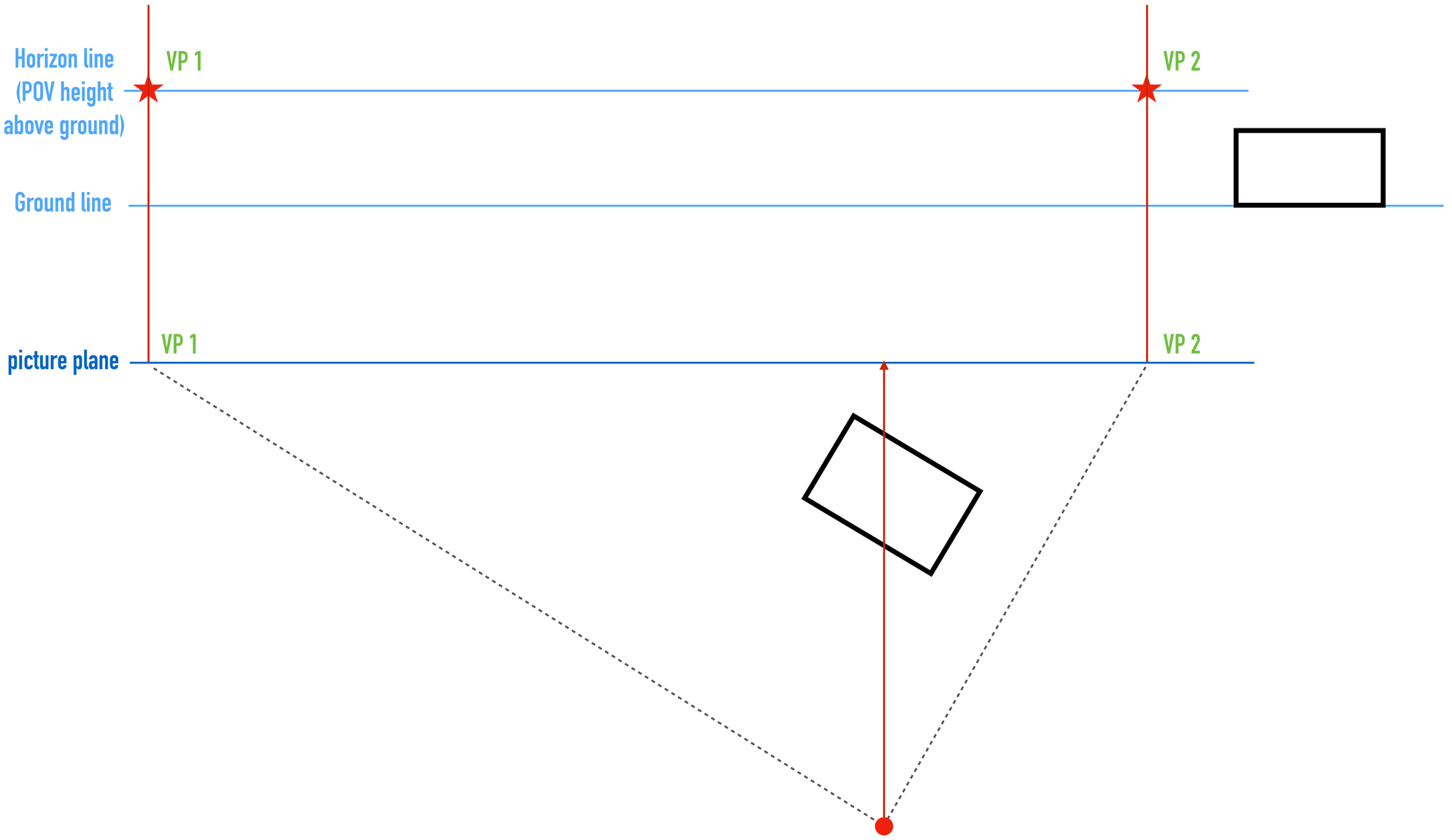
Ground line

picture plane




Horizon line
(POV height
above ground)
Ground line
picture plane


Horizon line
(POV height
above ground)
Ground line
picture plane


Horizon line
(POV height
above ground)
VP 1
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Ground line
picture plane
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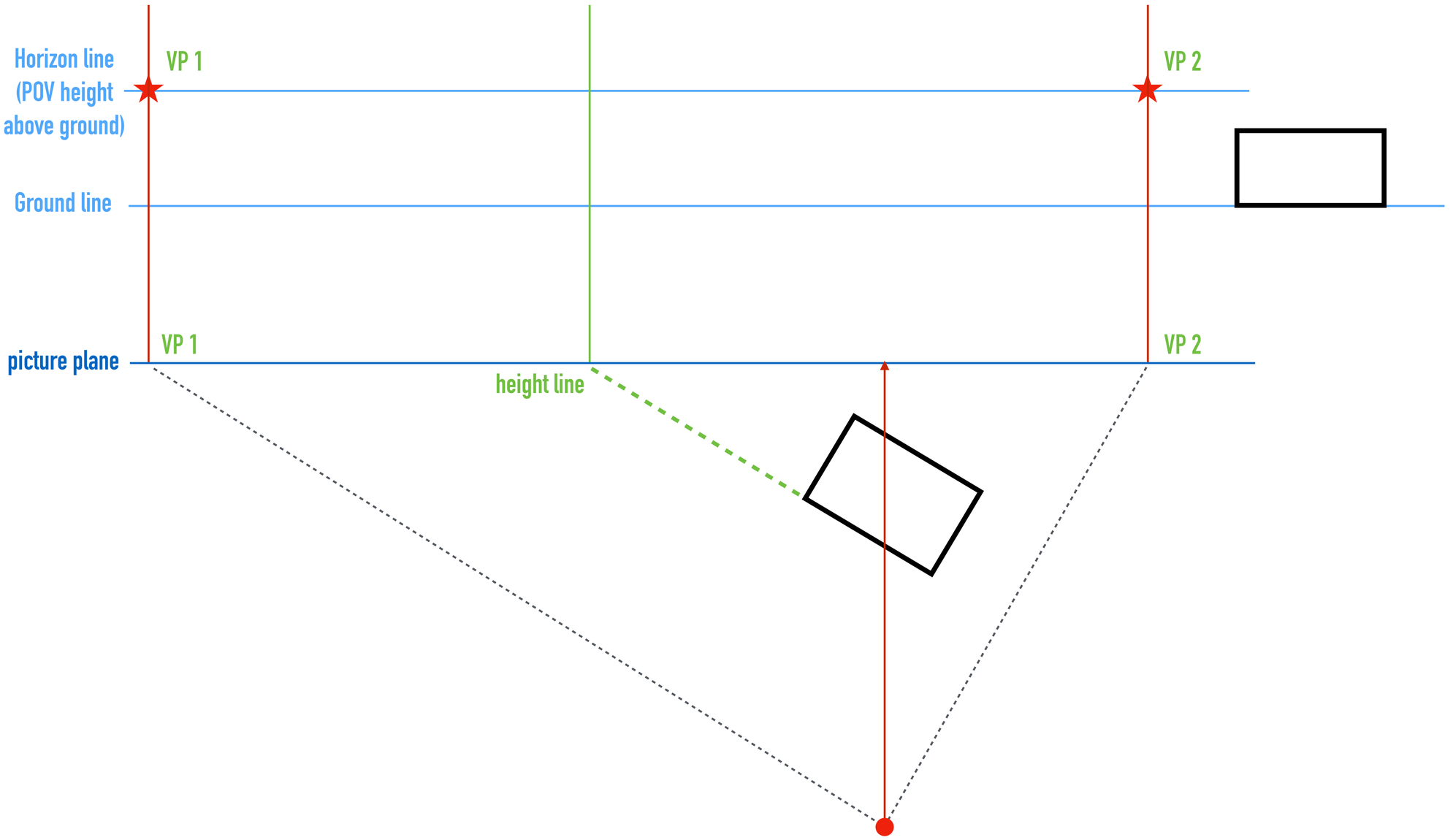
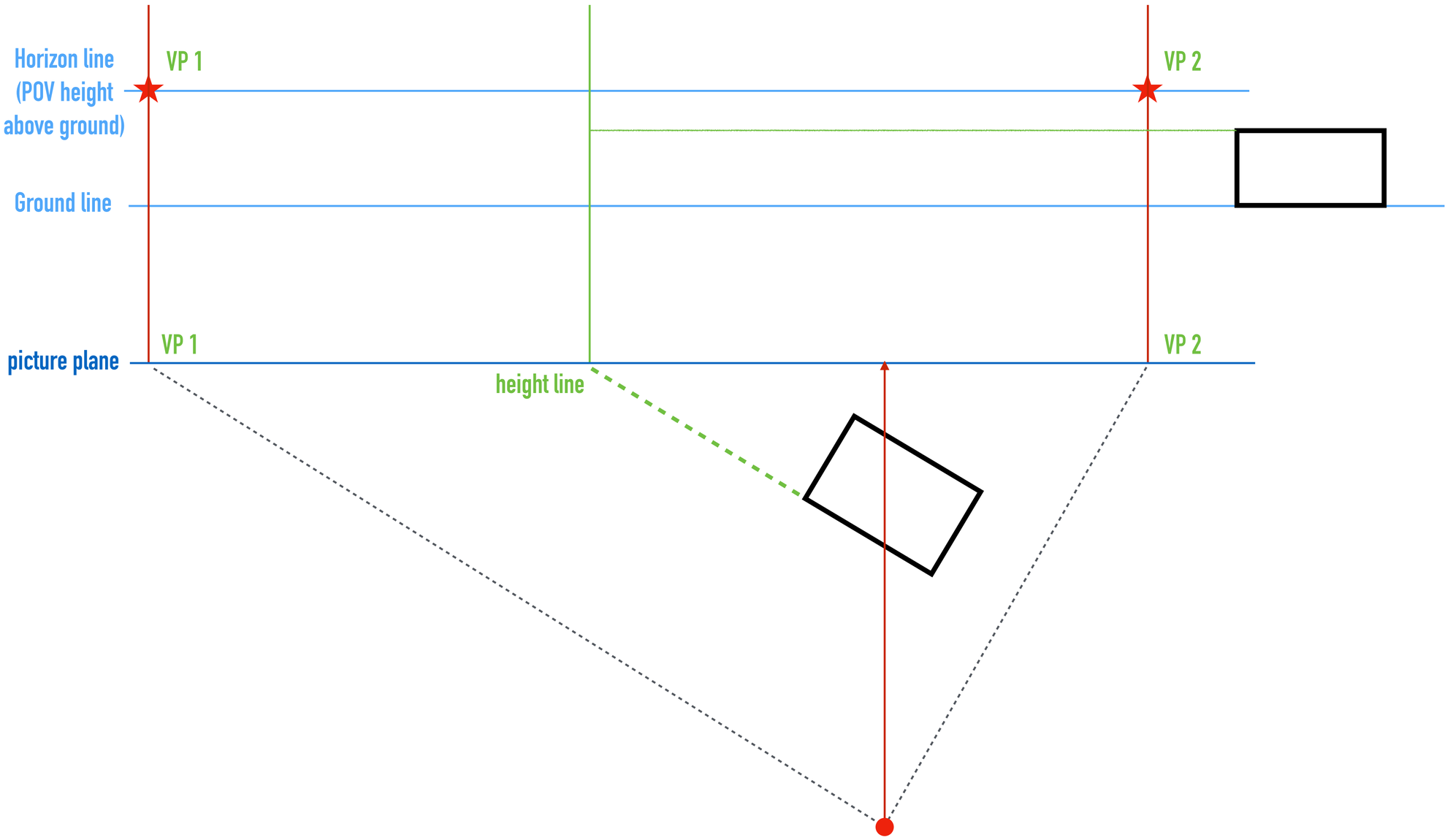

Horizon line
(POV height
above ground)
VP 1
VP 2
Ground line
picture plane
VP 1
VP 2
height line


Horizon line
(POV height
above ground)
VP 1
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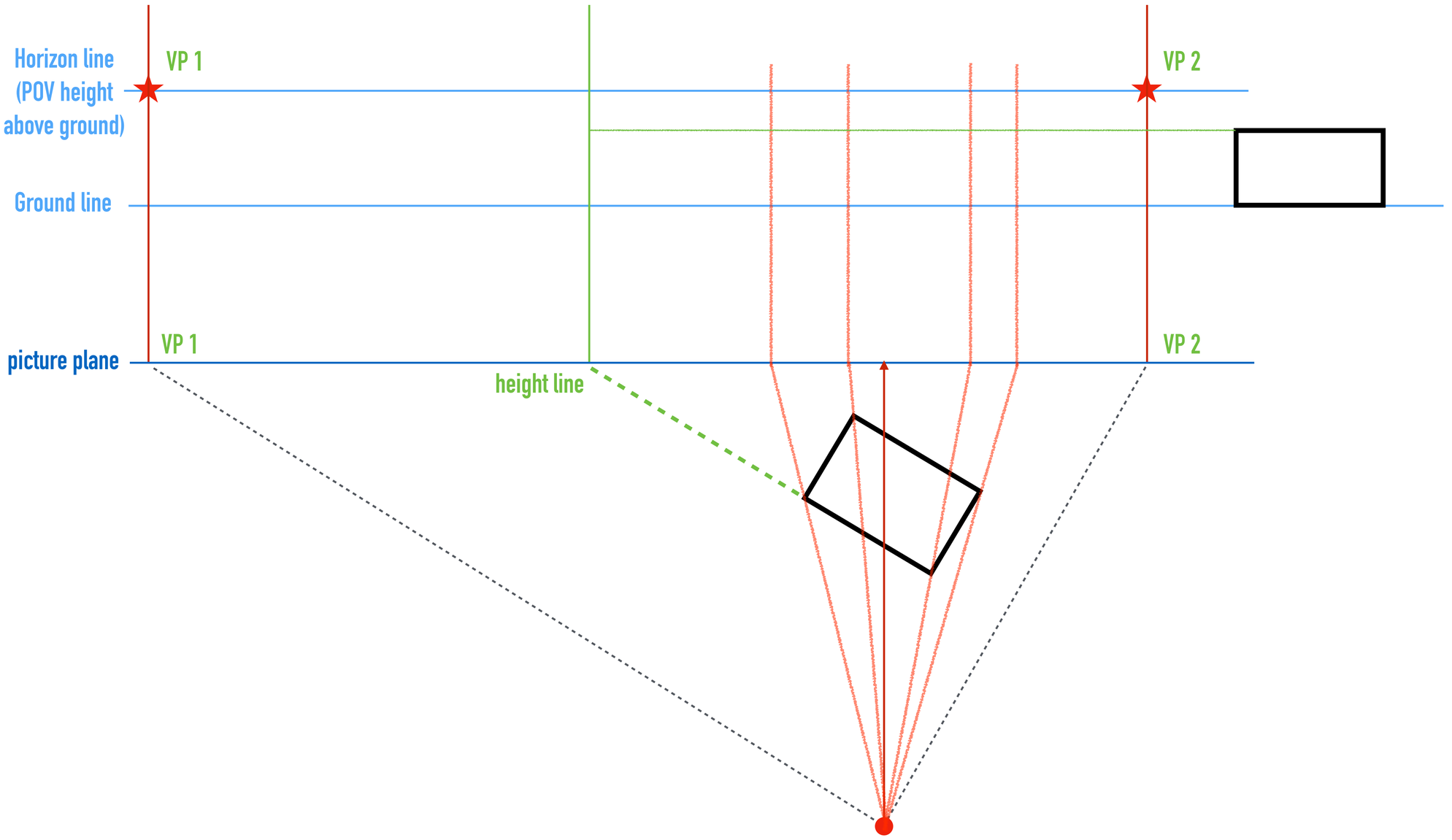
Ground line
picture plane
VP 1
VP 2
height line


Horizon line
(POV height
above ground)
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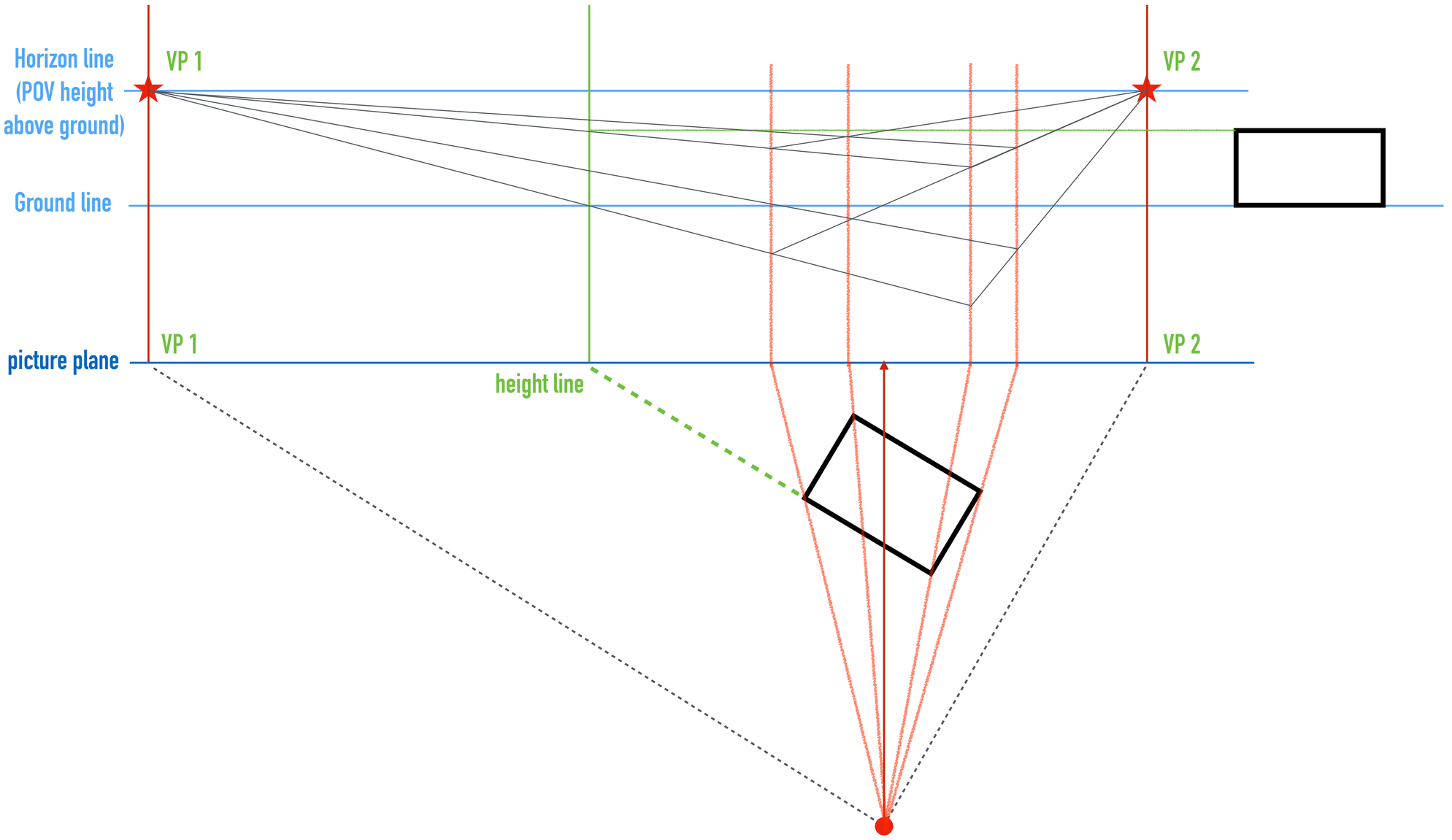
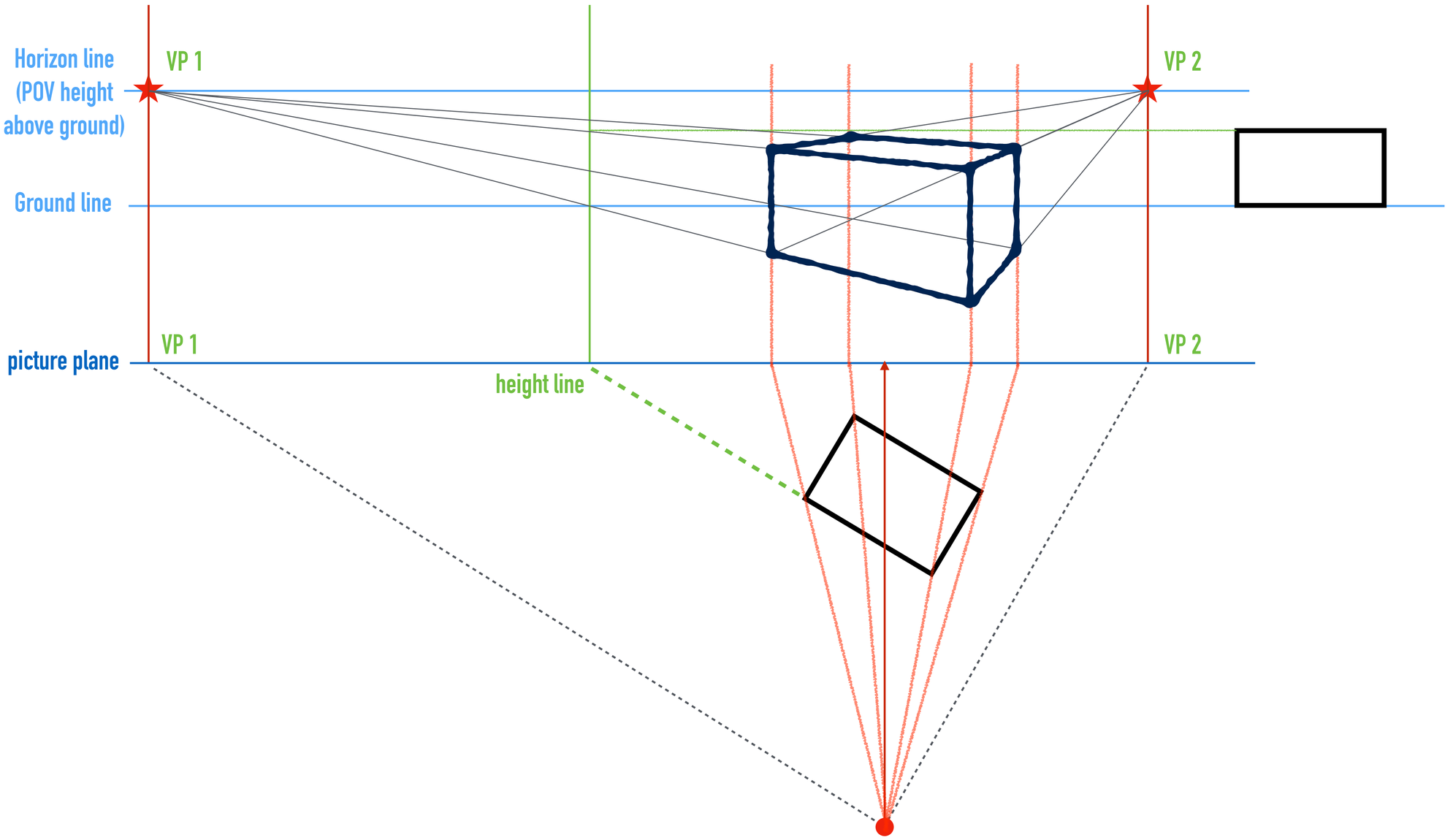
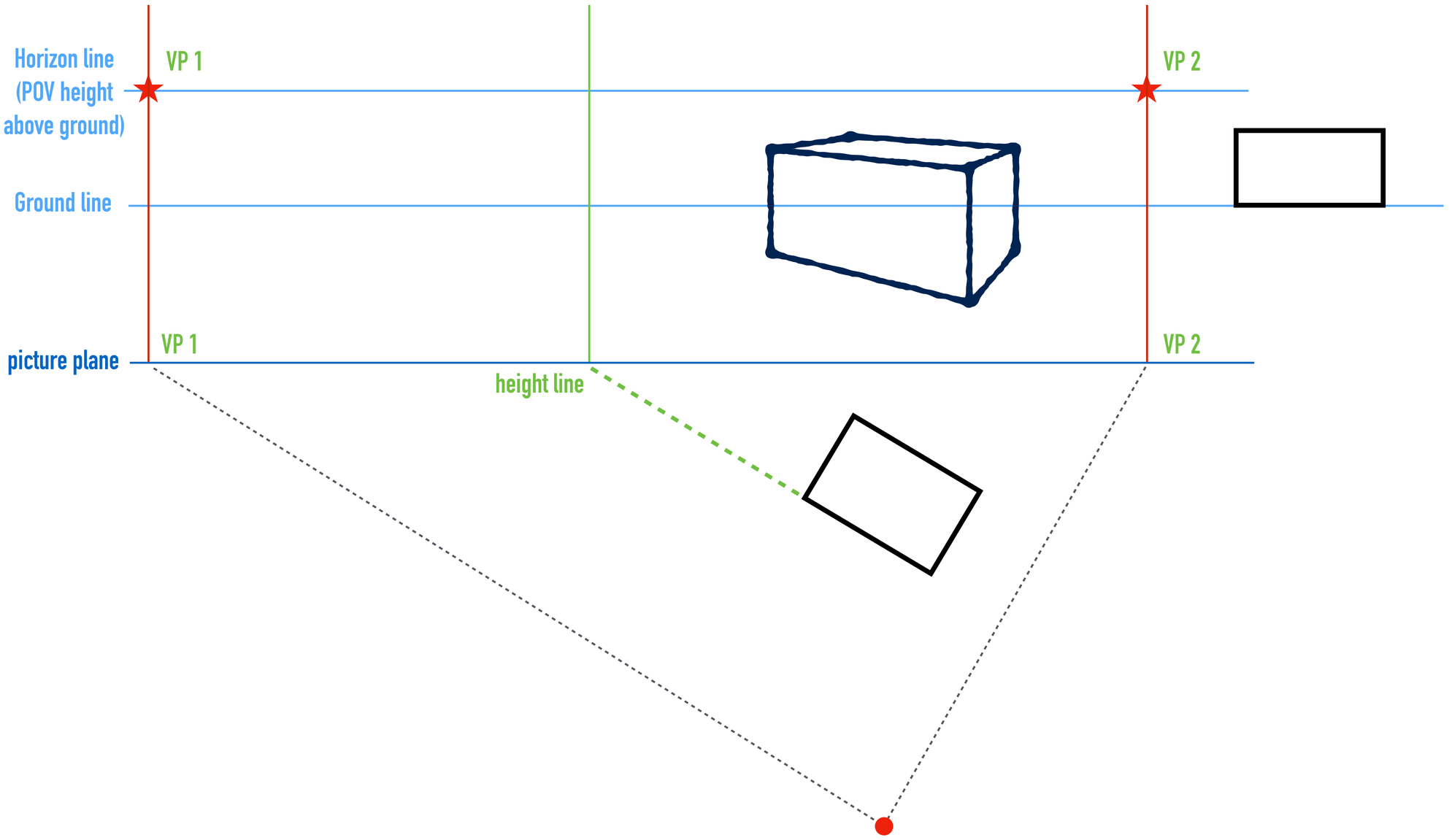
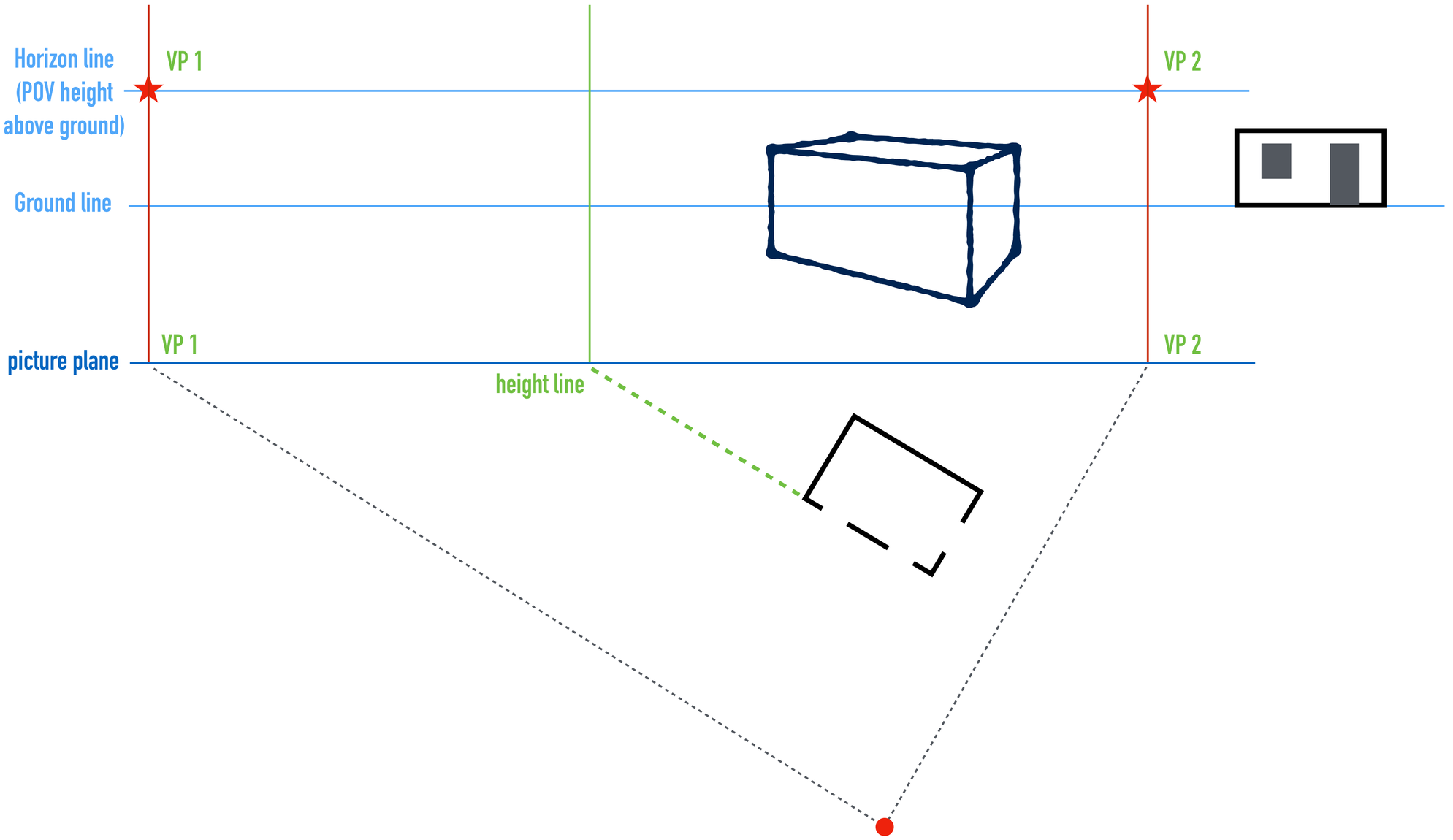
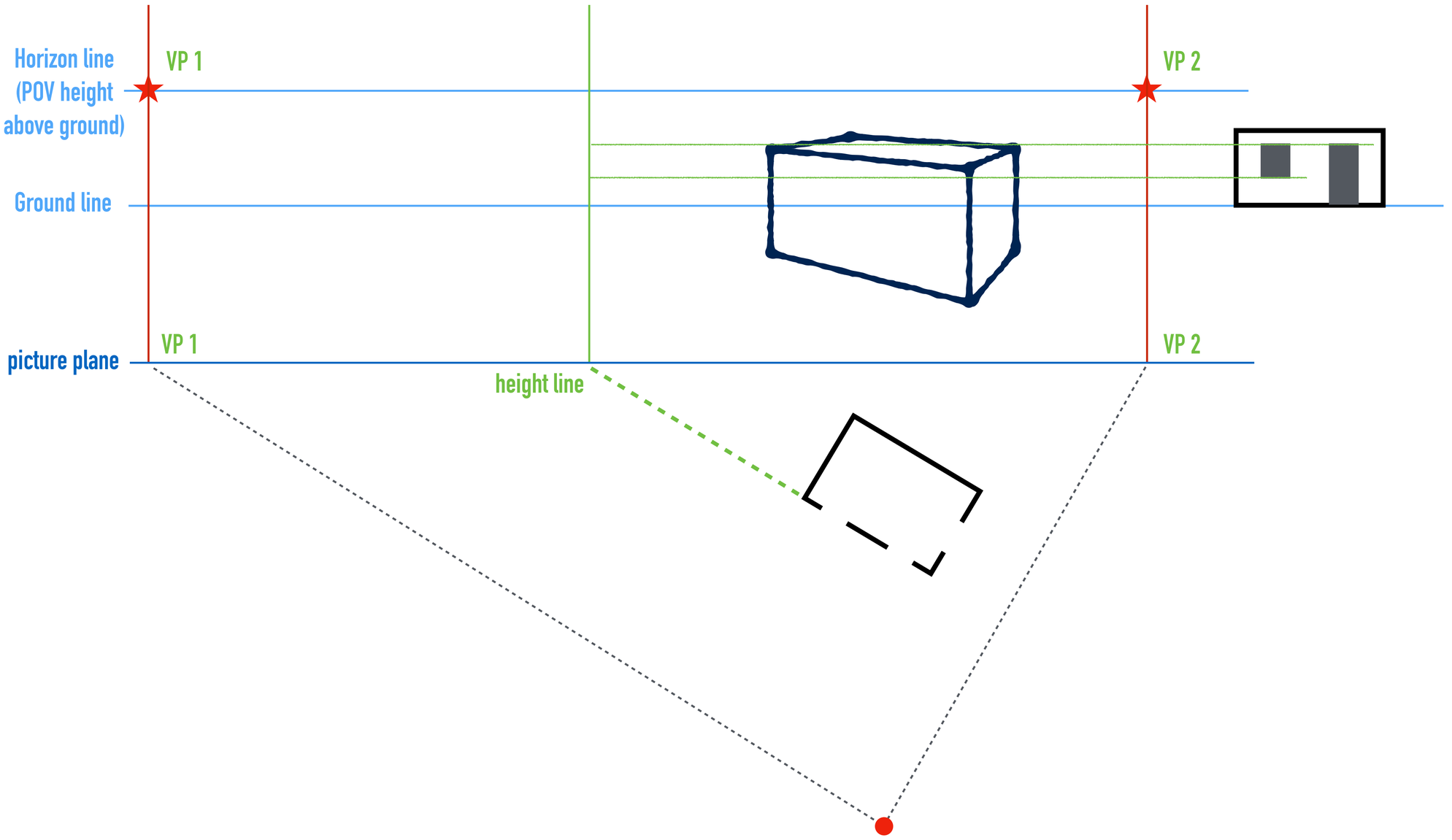
Ground line
picture plane
VP 1
VP 2
height line

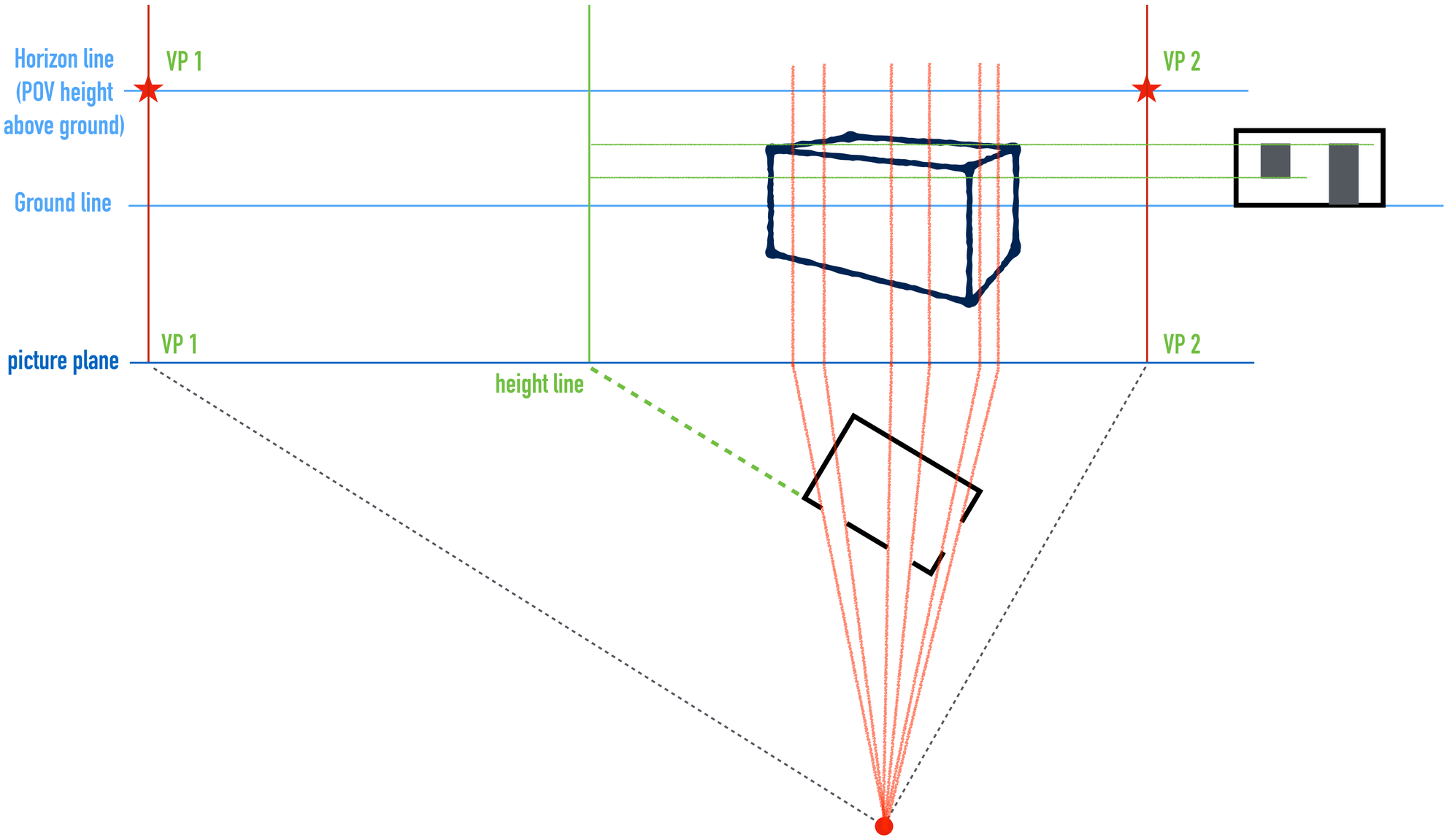

Horizon line
(POV height
above ground)
VP 1
VP 2
Ground line
picture plane
VP 1
VP 2
height line


Horizon line
(POV height
above ground)
VP 1
VP 2
Ground line
picture plane
VP 1
VP 2
height line


Horizon line
(POV height
above ground)
VP 1
VP 2
Ground line
VP 1
VP 2
picture plane
height line


Horizon line
(POV height
above ground)
VP 1
VP 2
Ground line
picture plane
VP 1
VP 2
height line


Horizon line
(POV height
above ground)
VP 1
VP 2
Ground line
picture plane
VP 1
VP 2
height line


Horizon line
(POV height
above ground)
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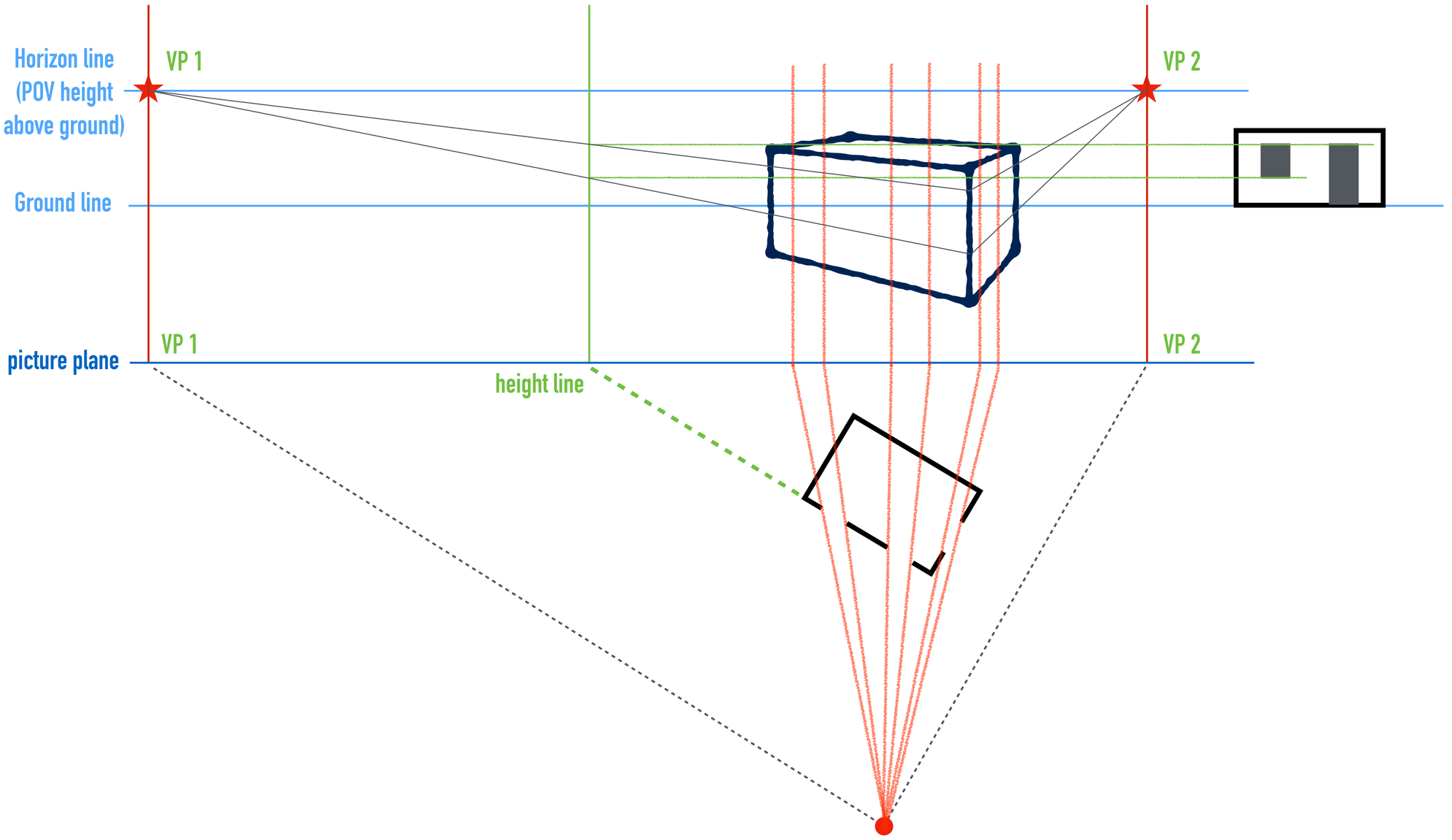
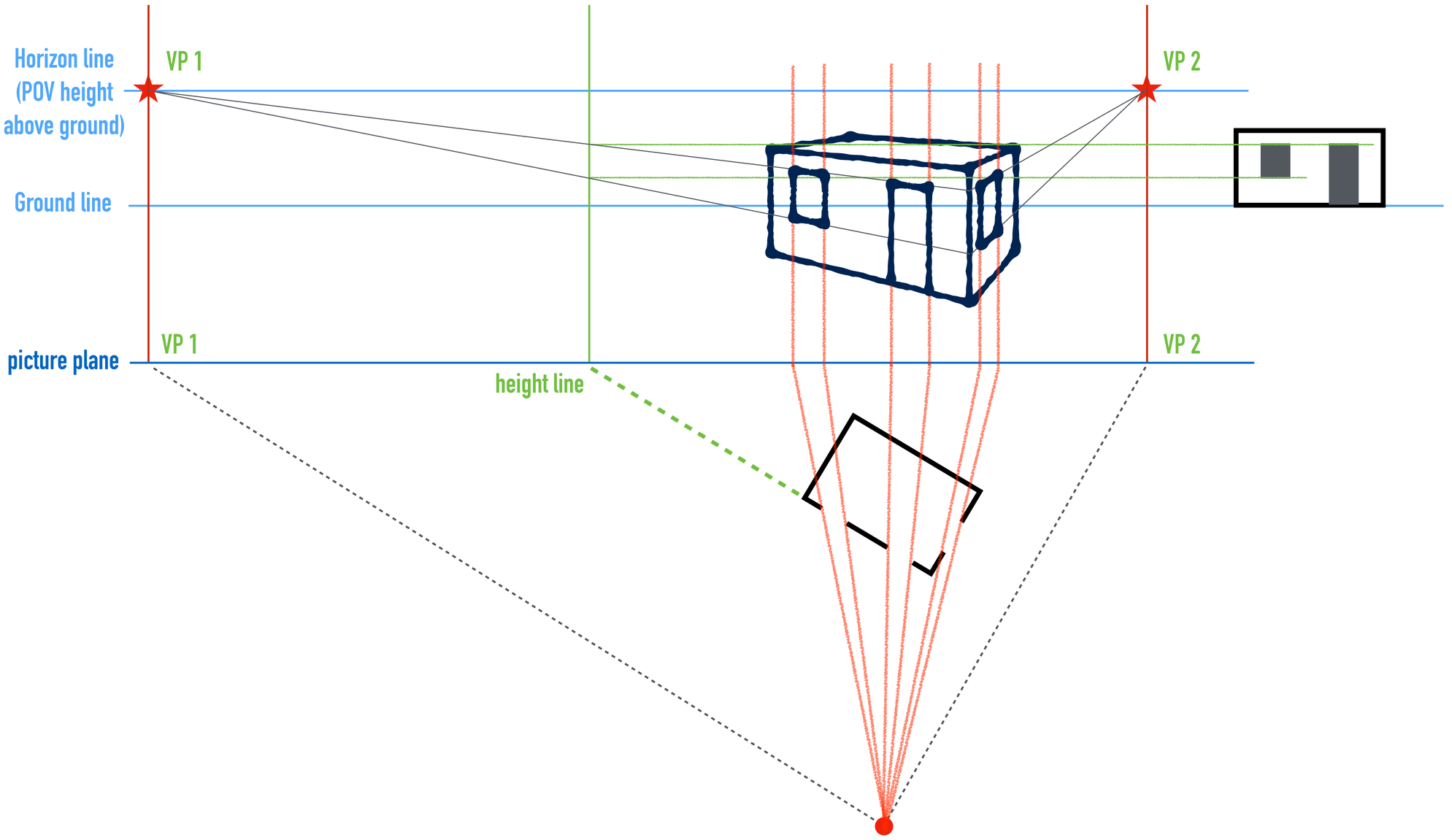
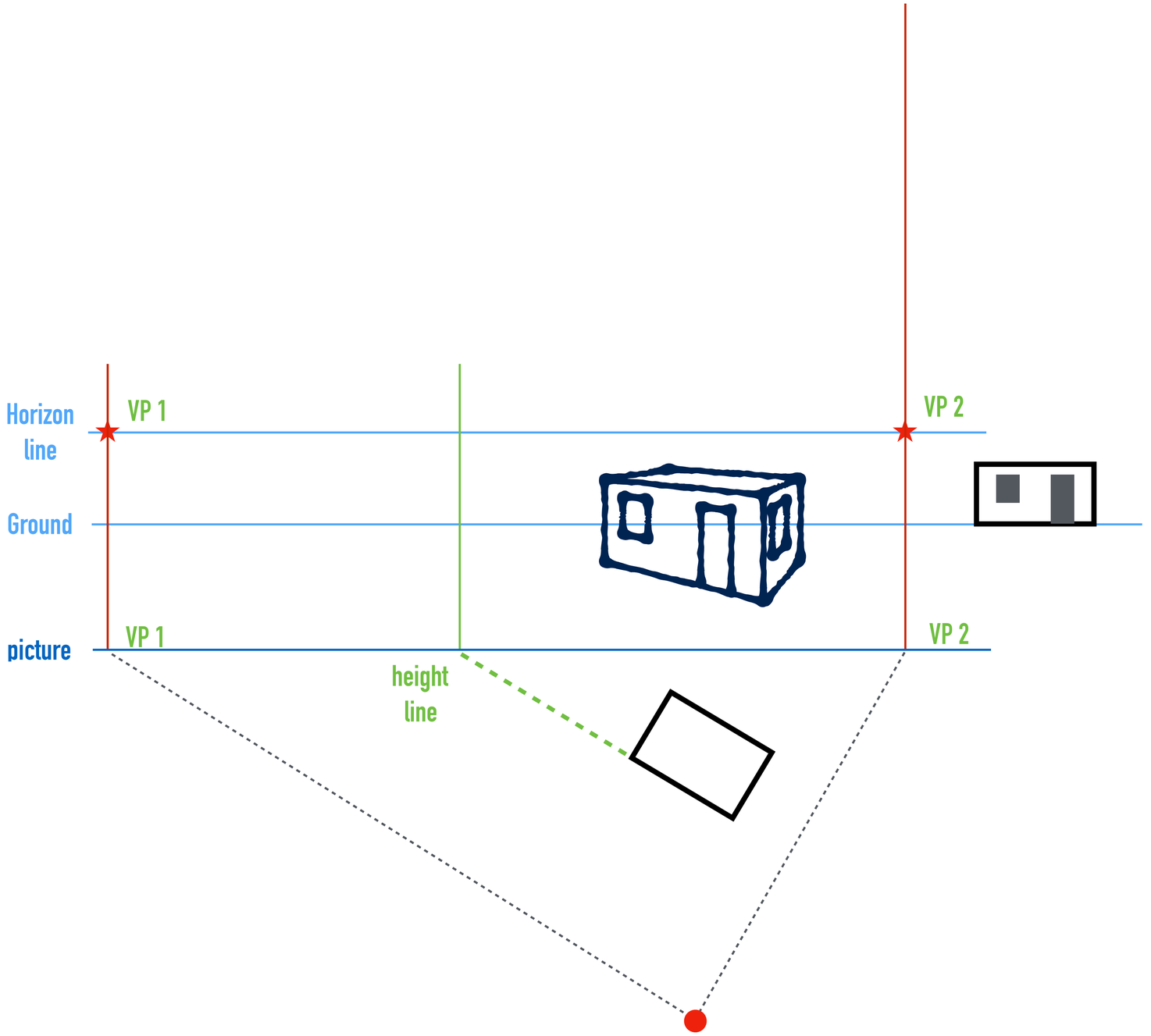
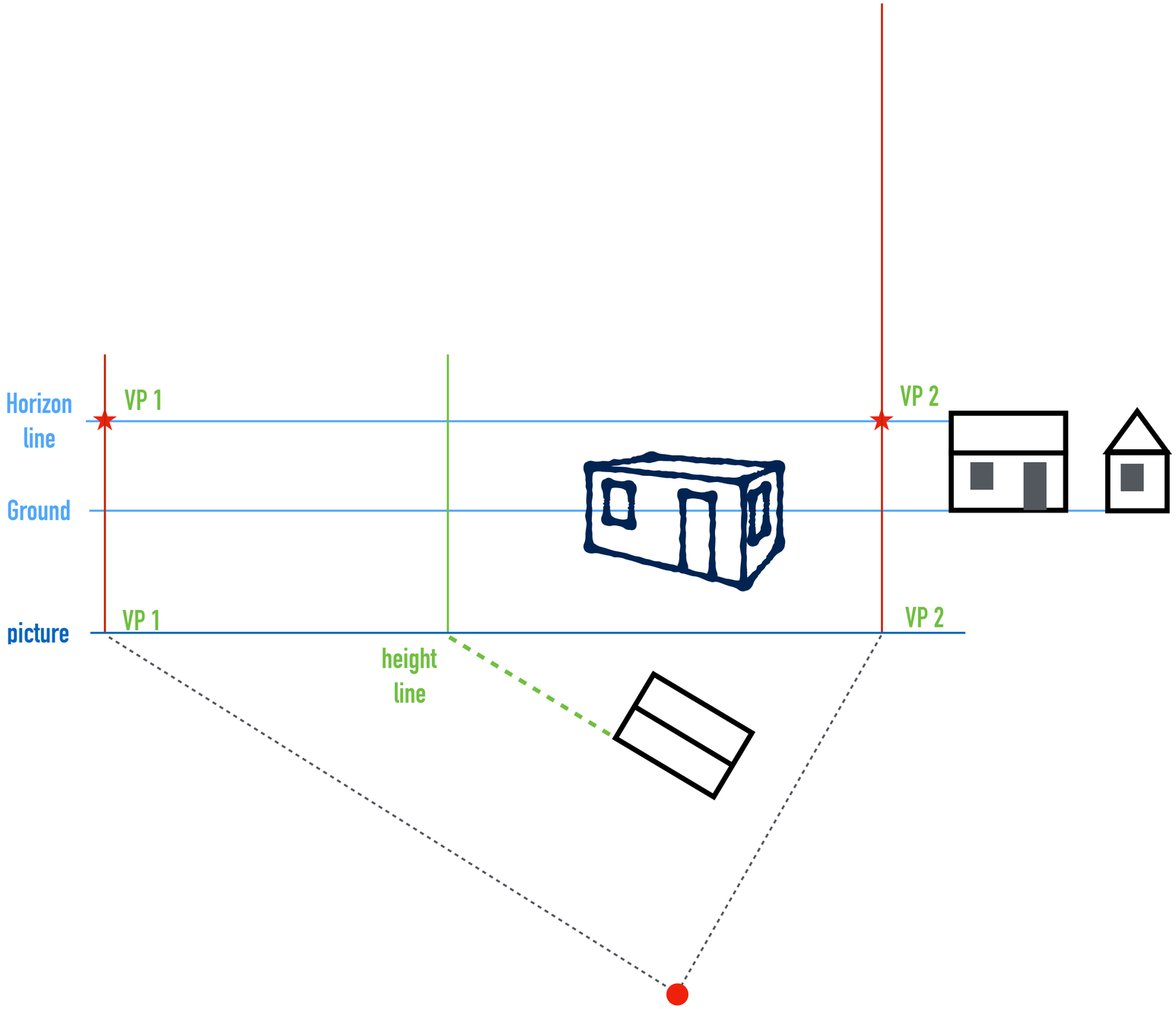
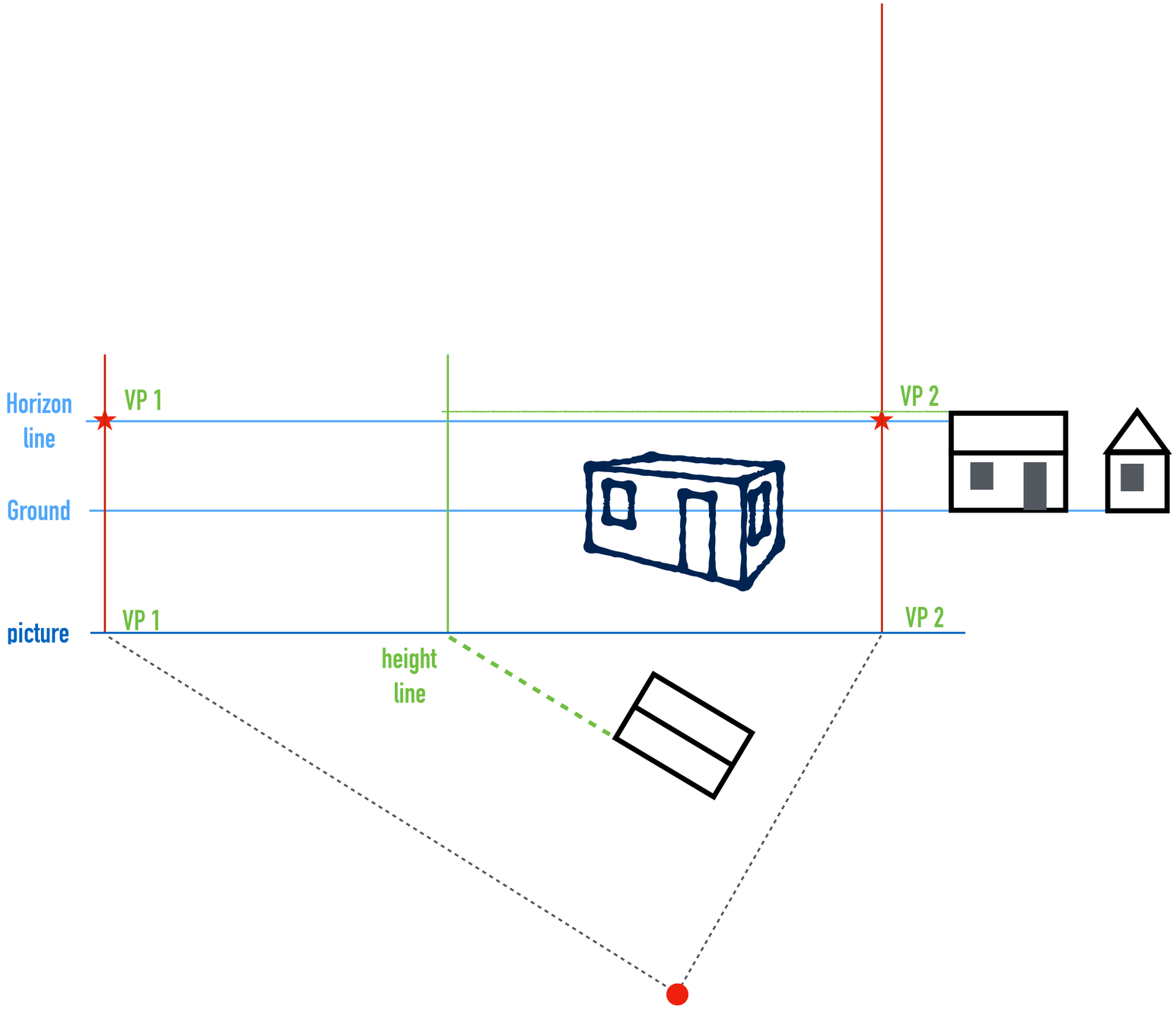
VP 2
Ground line
picture plane
VP 1
VP 2
height line

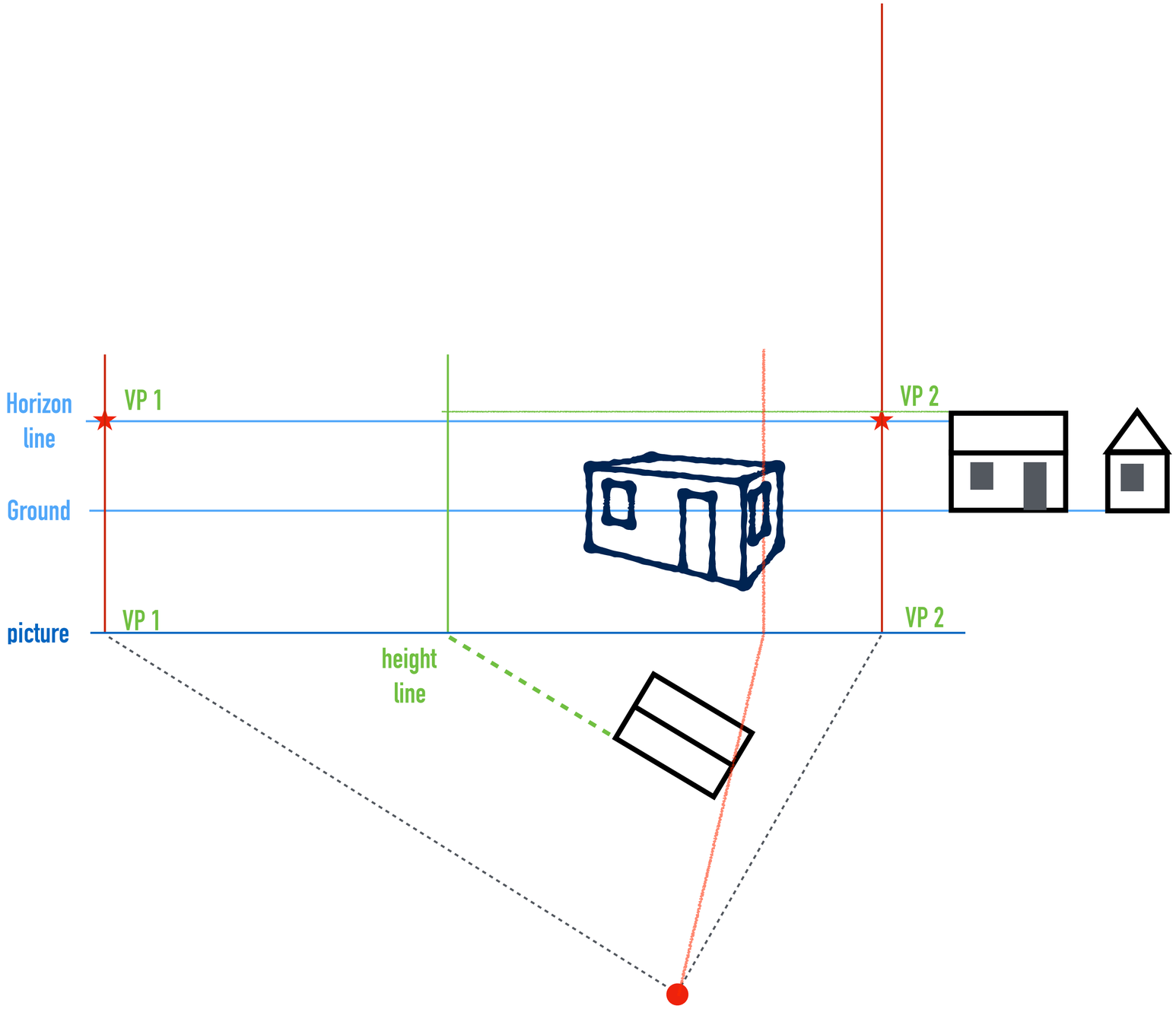

Horizon line
(POV height
above ground)
VP 1
VP 2
Ground line
picture plane
VP 1
VP 2
height line

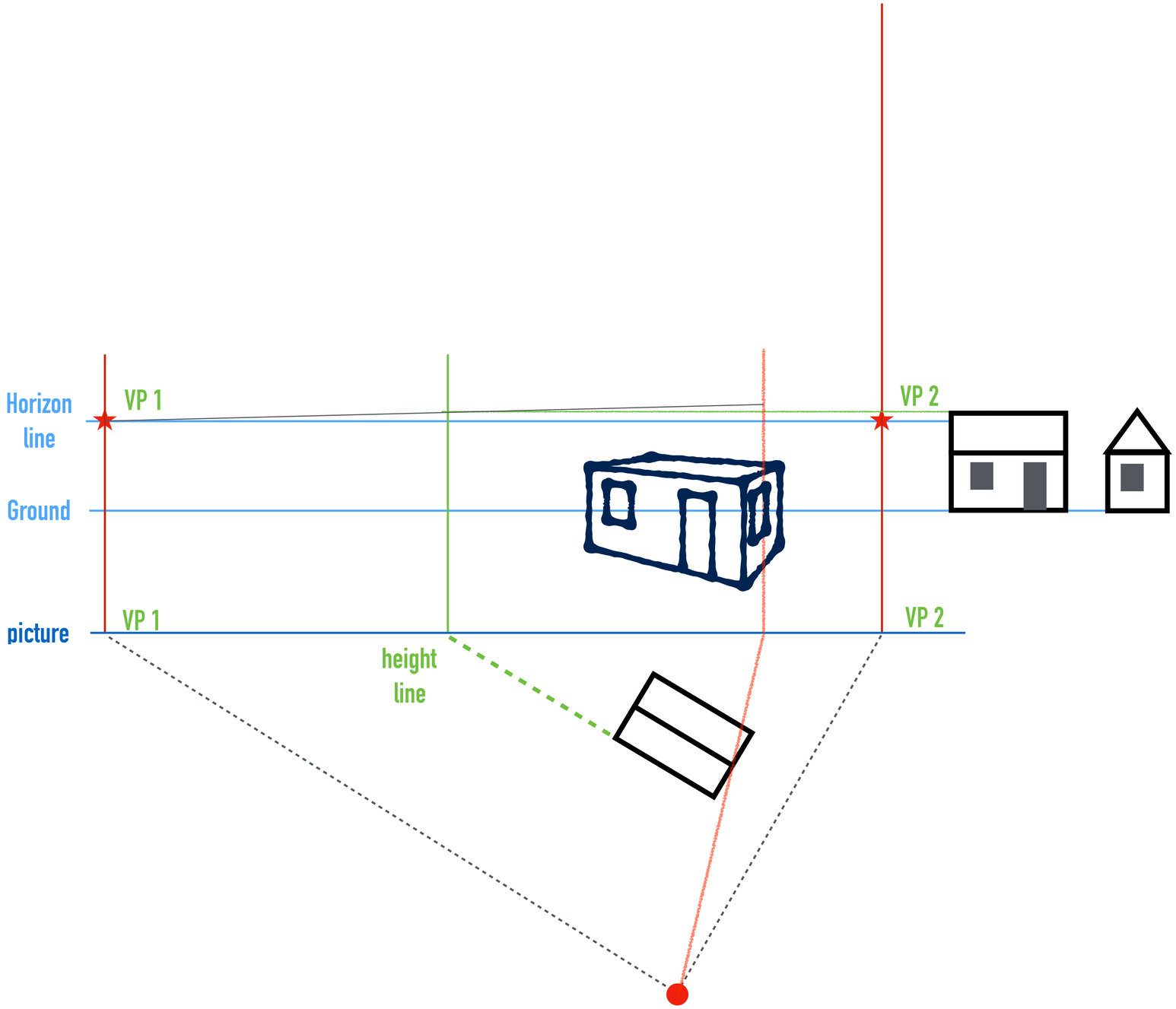

Horizon line
(POV height
above ground)
VP 1
VP 2
Ground line
picture plane
VP 1
VP 2
height line

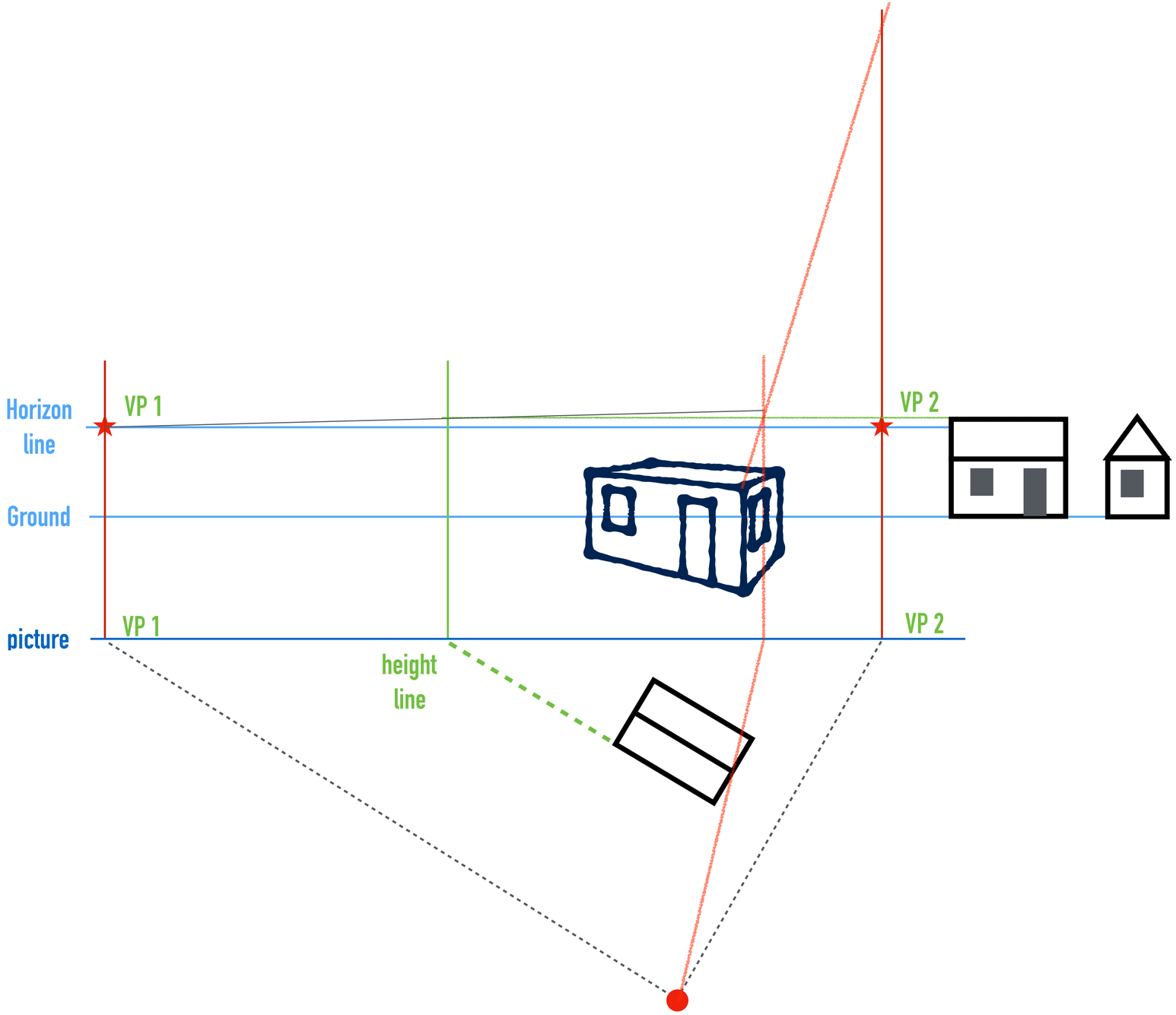

Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

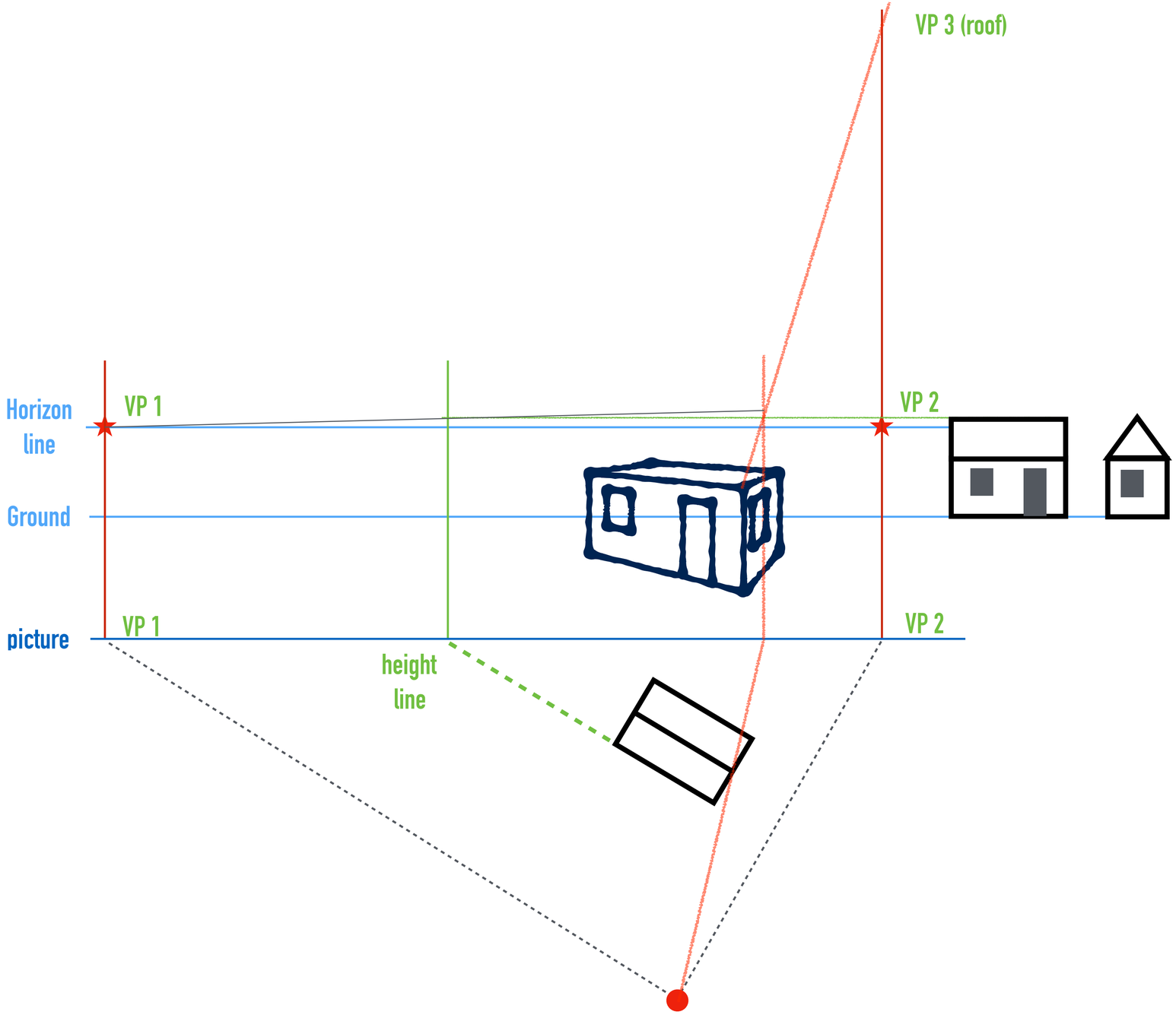

Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

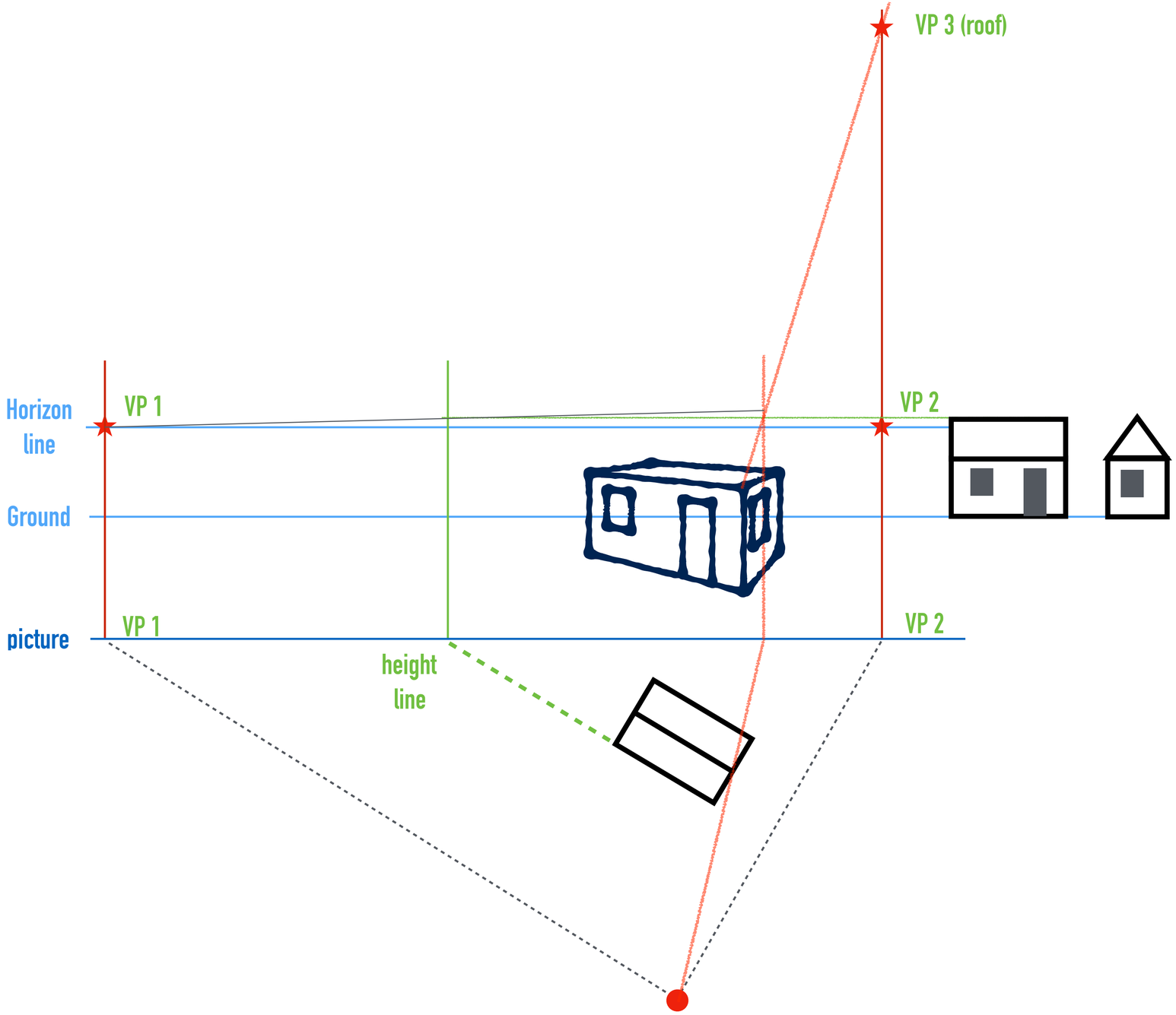

Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

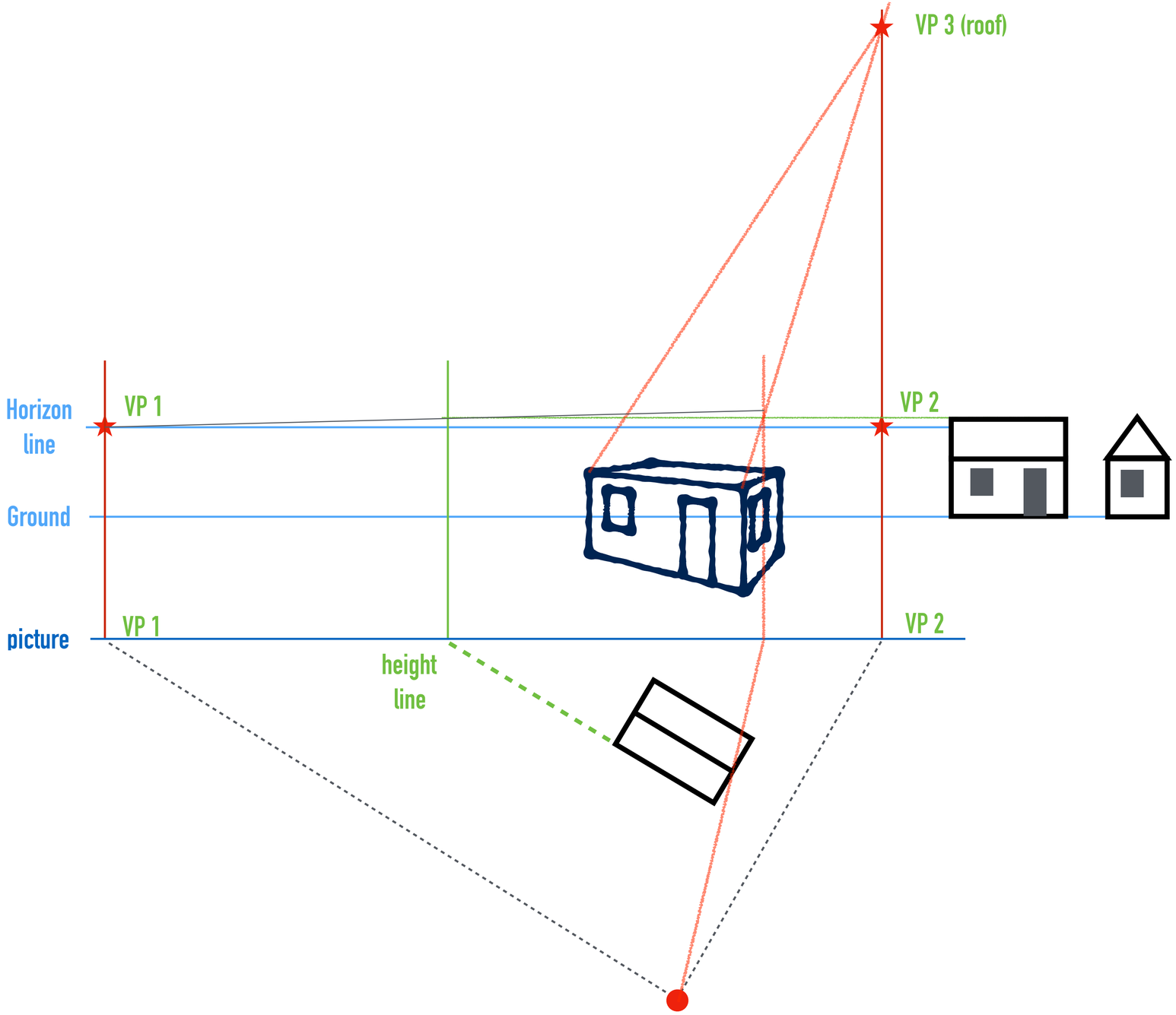

Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

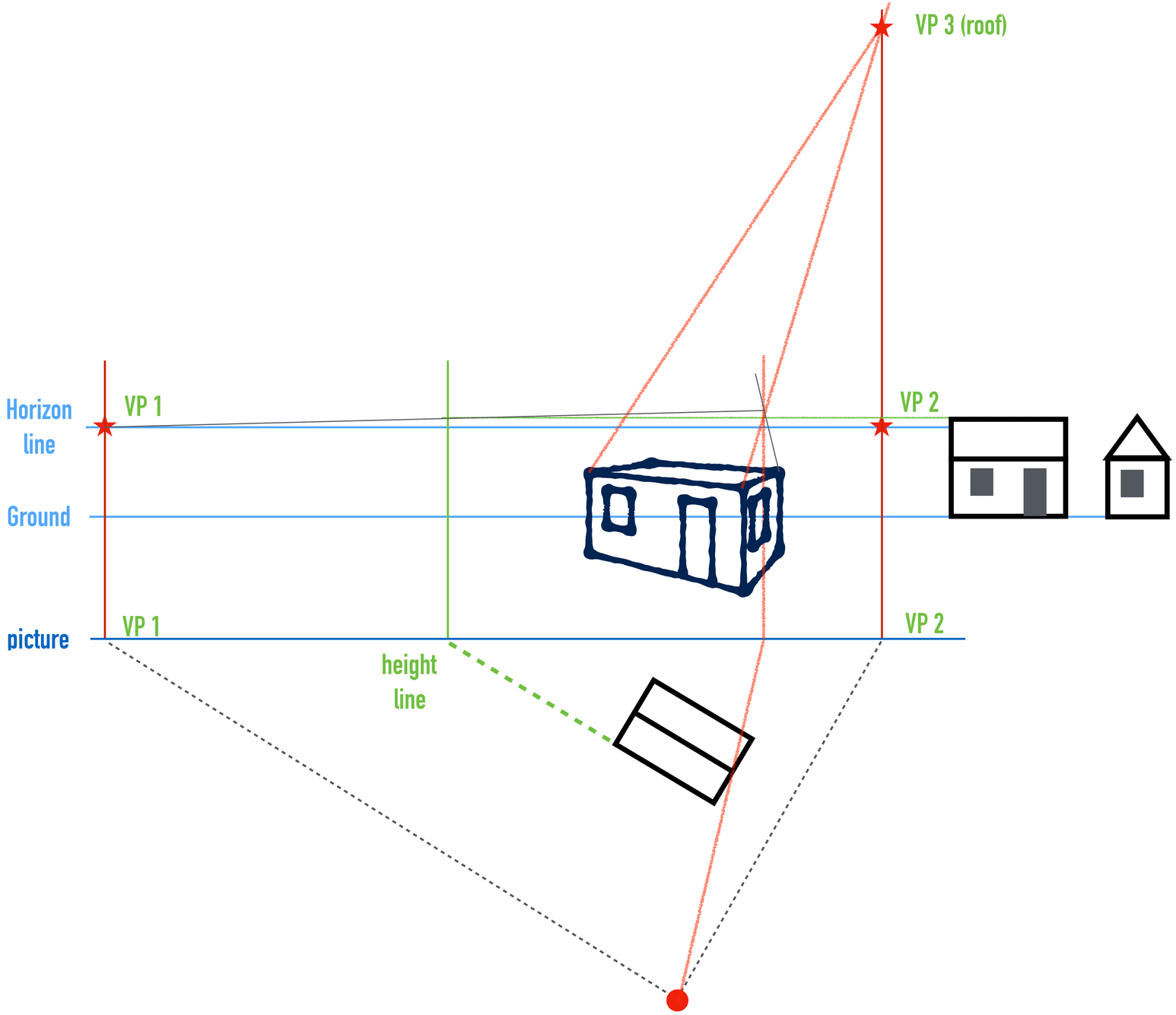

Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

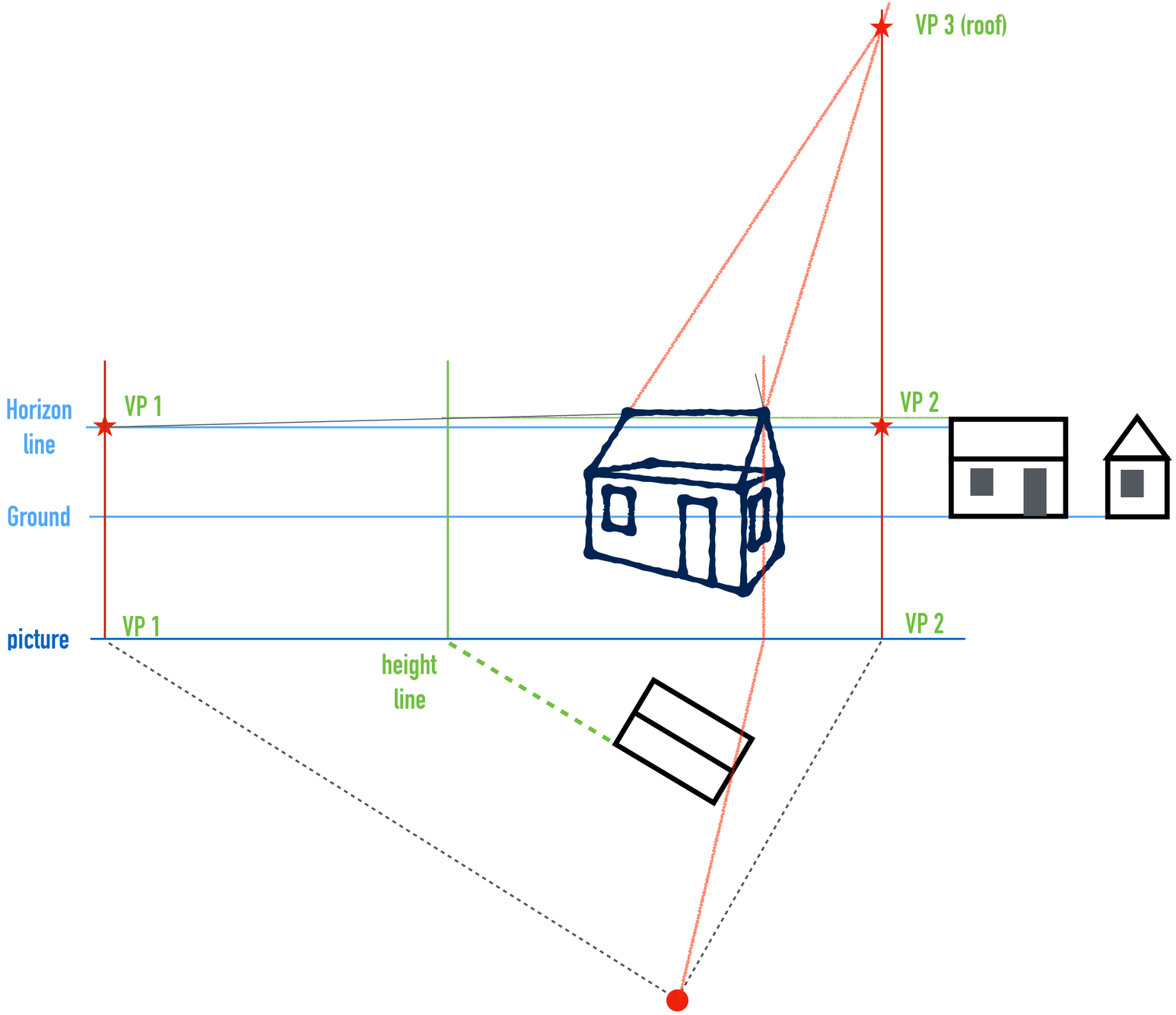

Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

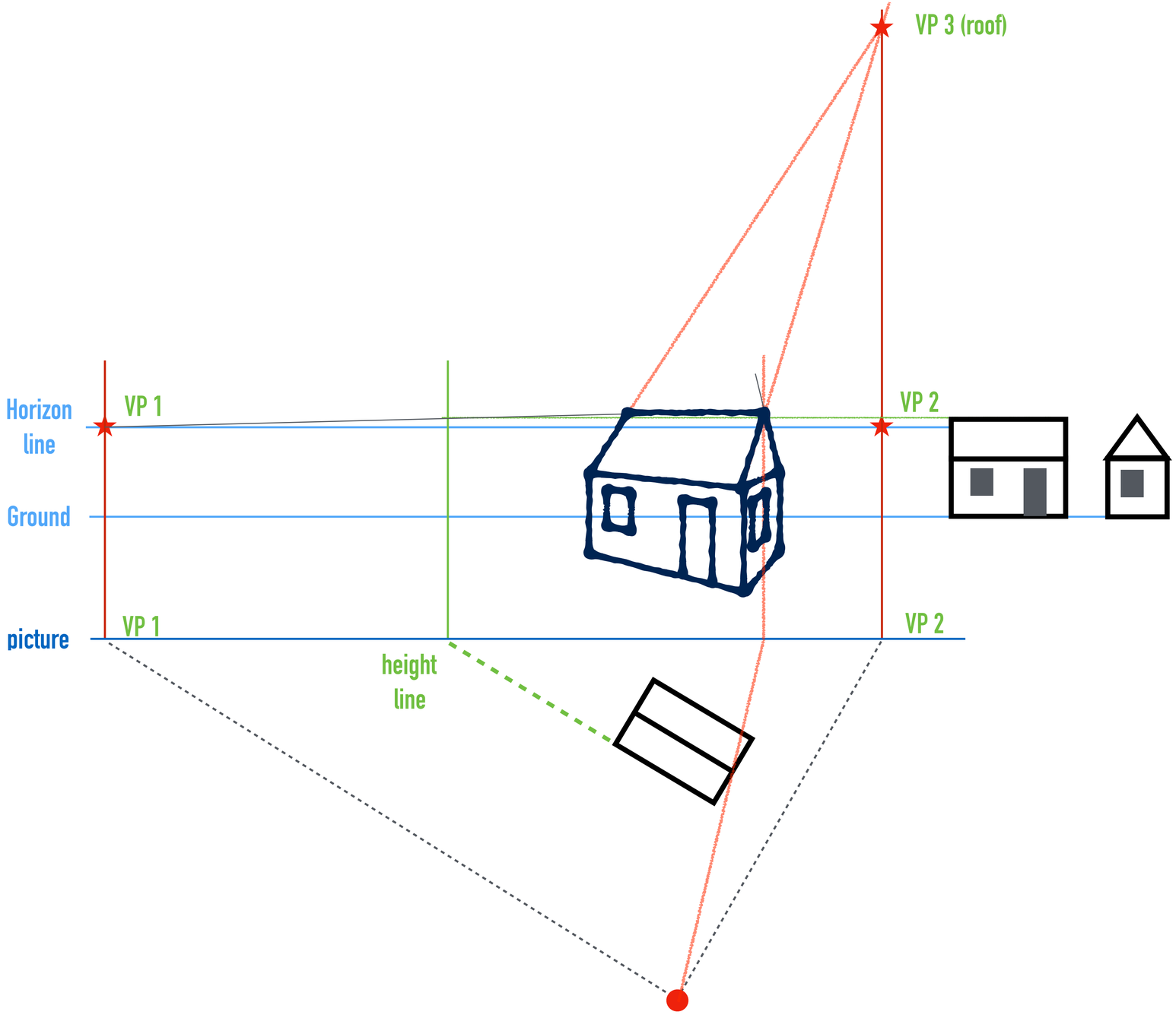

VP 3 (roof)
Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

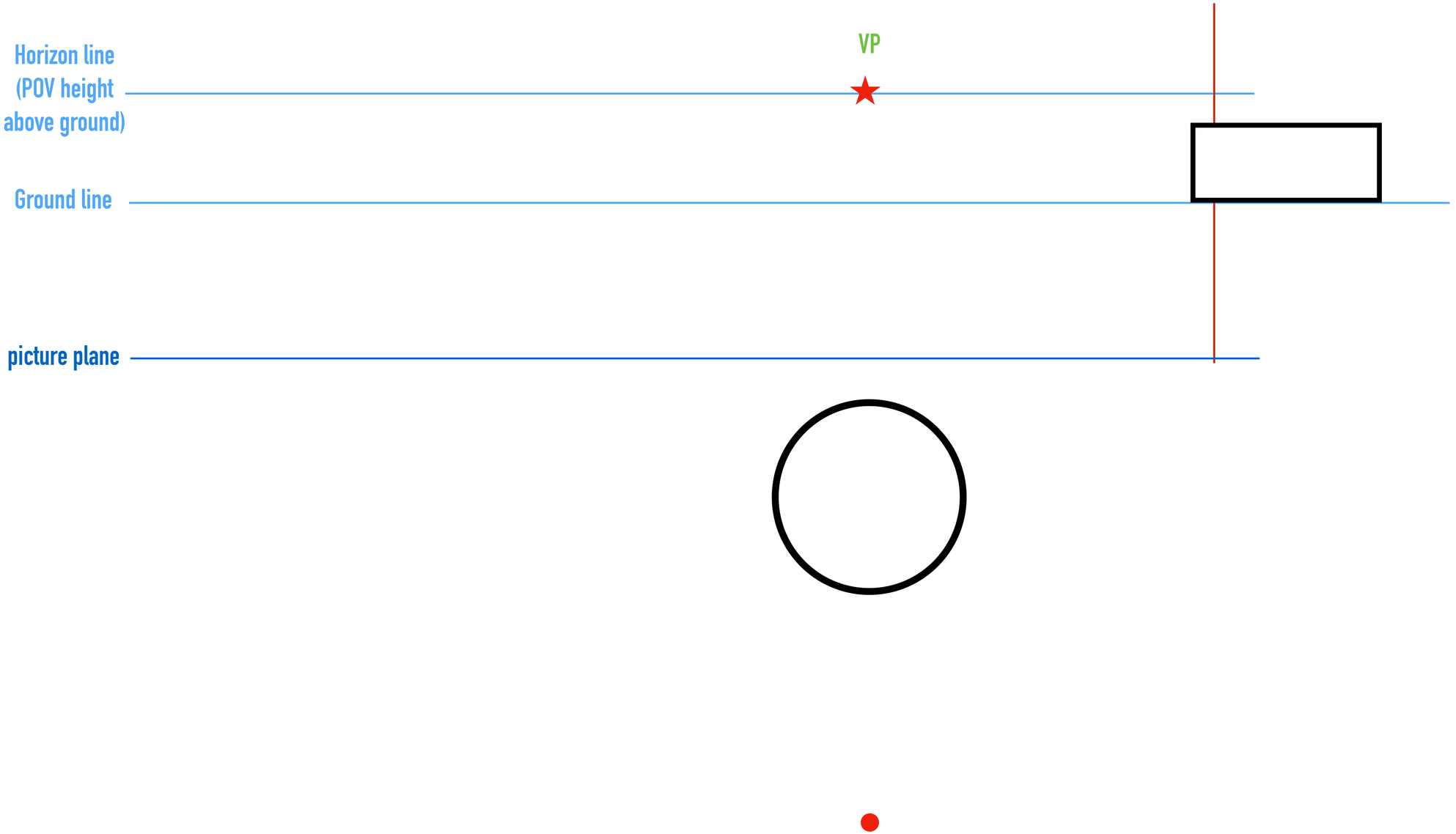

VP 3 (roof)
Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

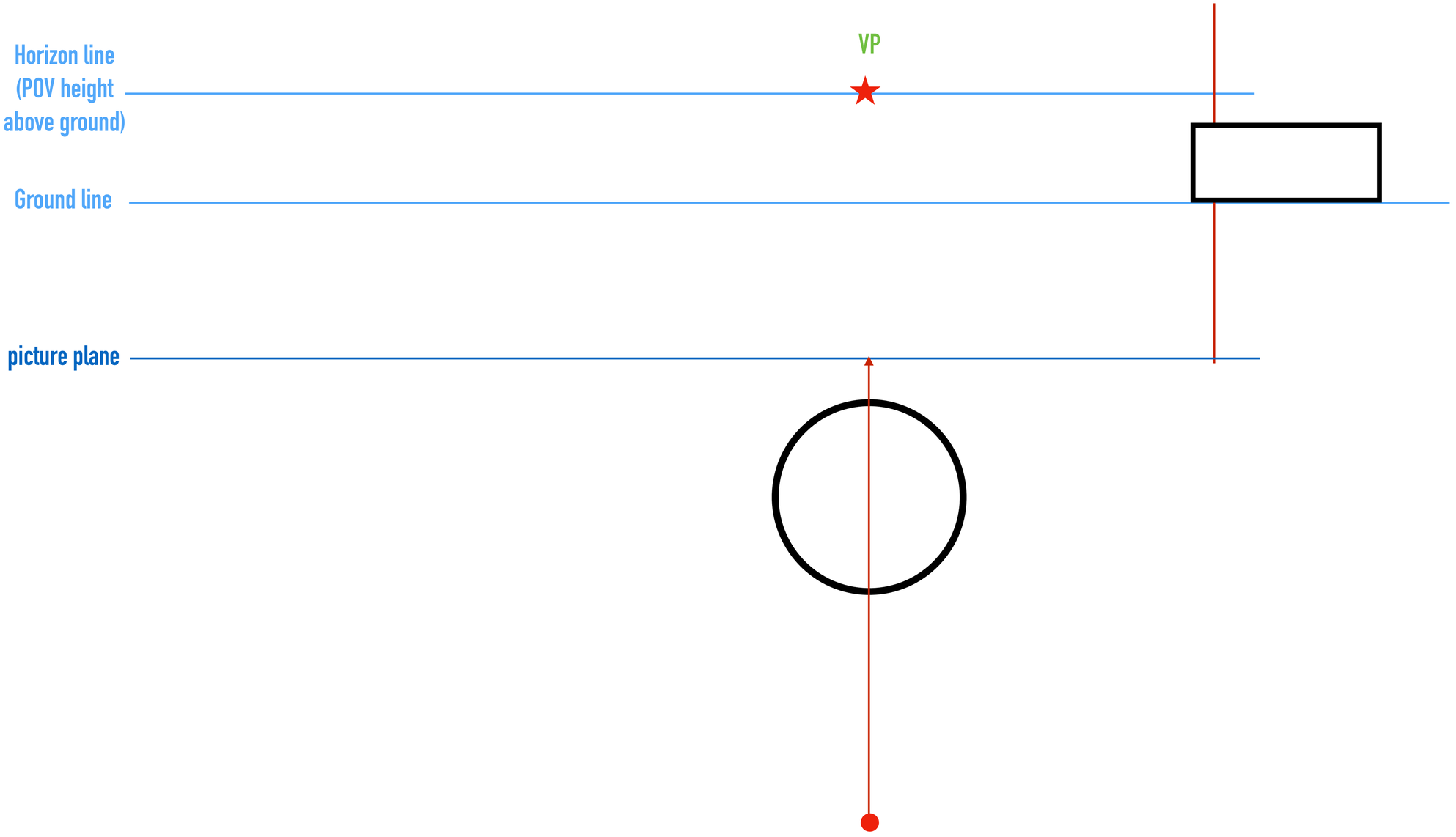

VP 3 (roof)
Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

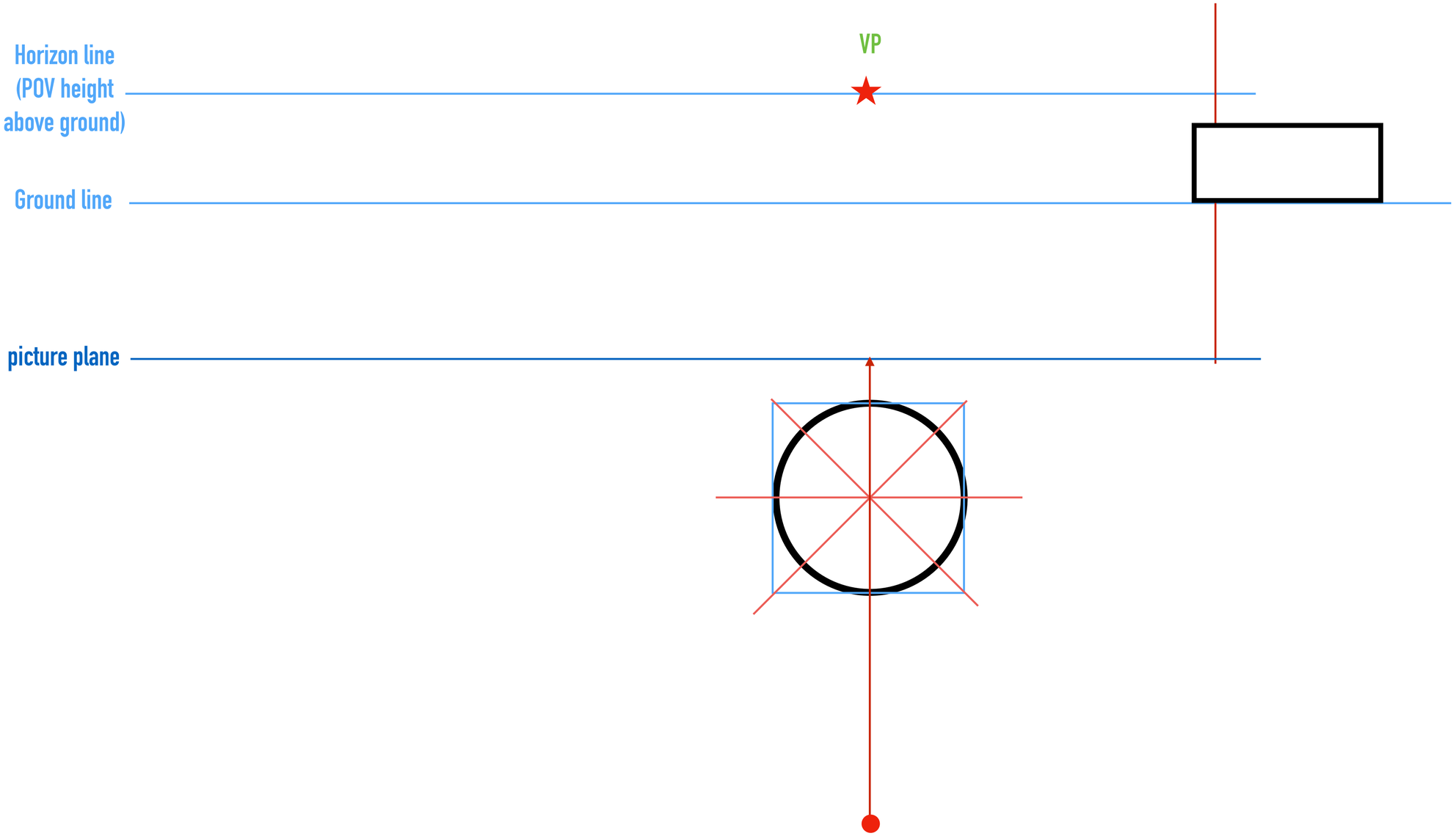

VP 3 (roof)
Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

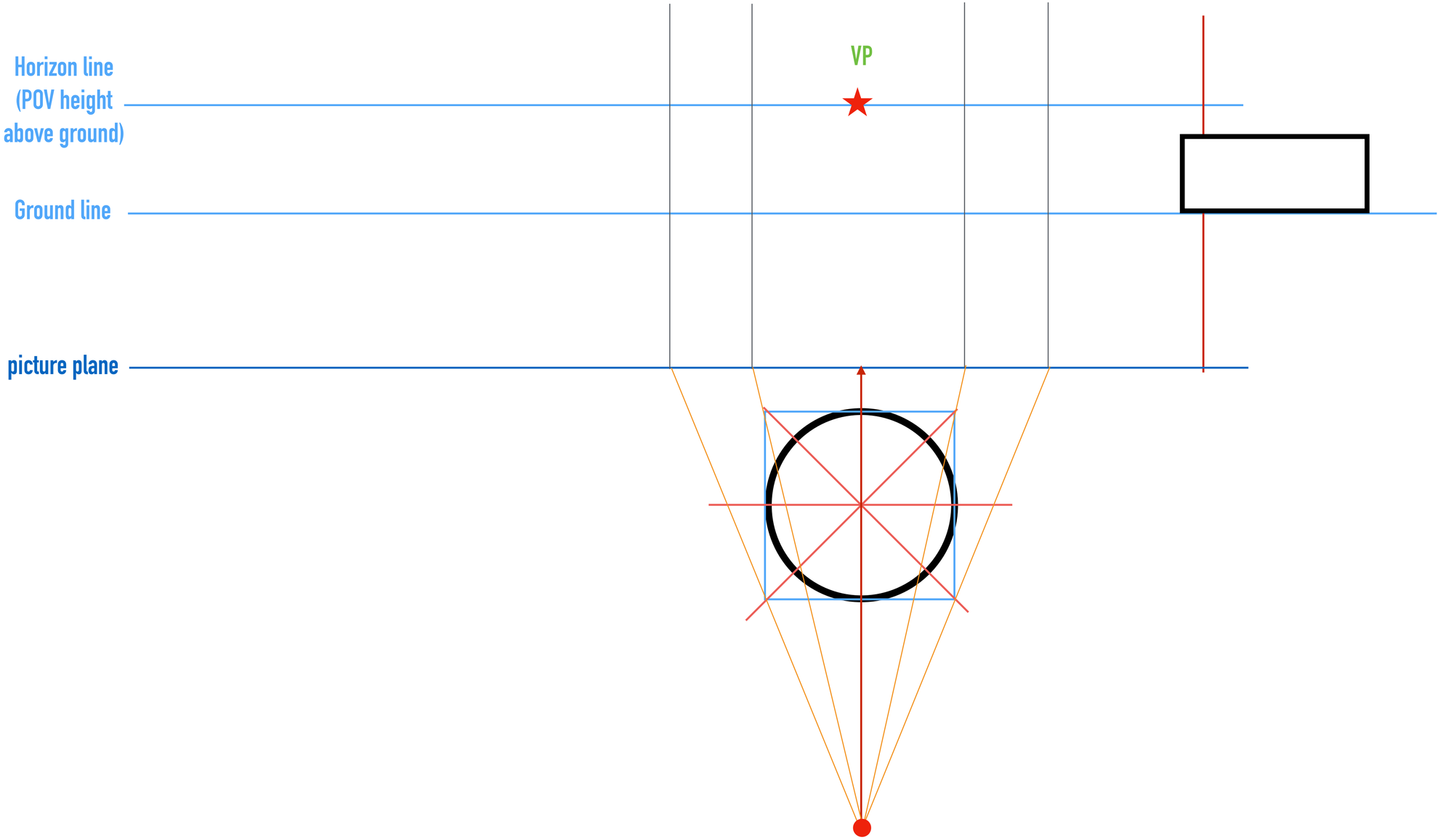

VP 3 (roof)
Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

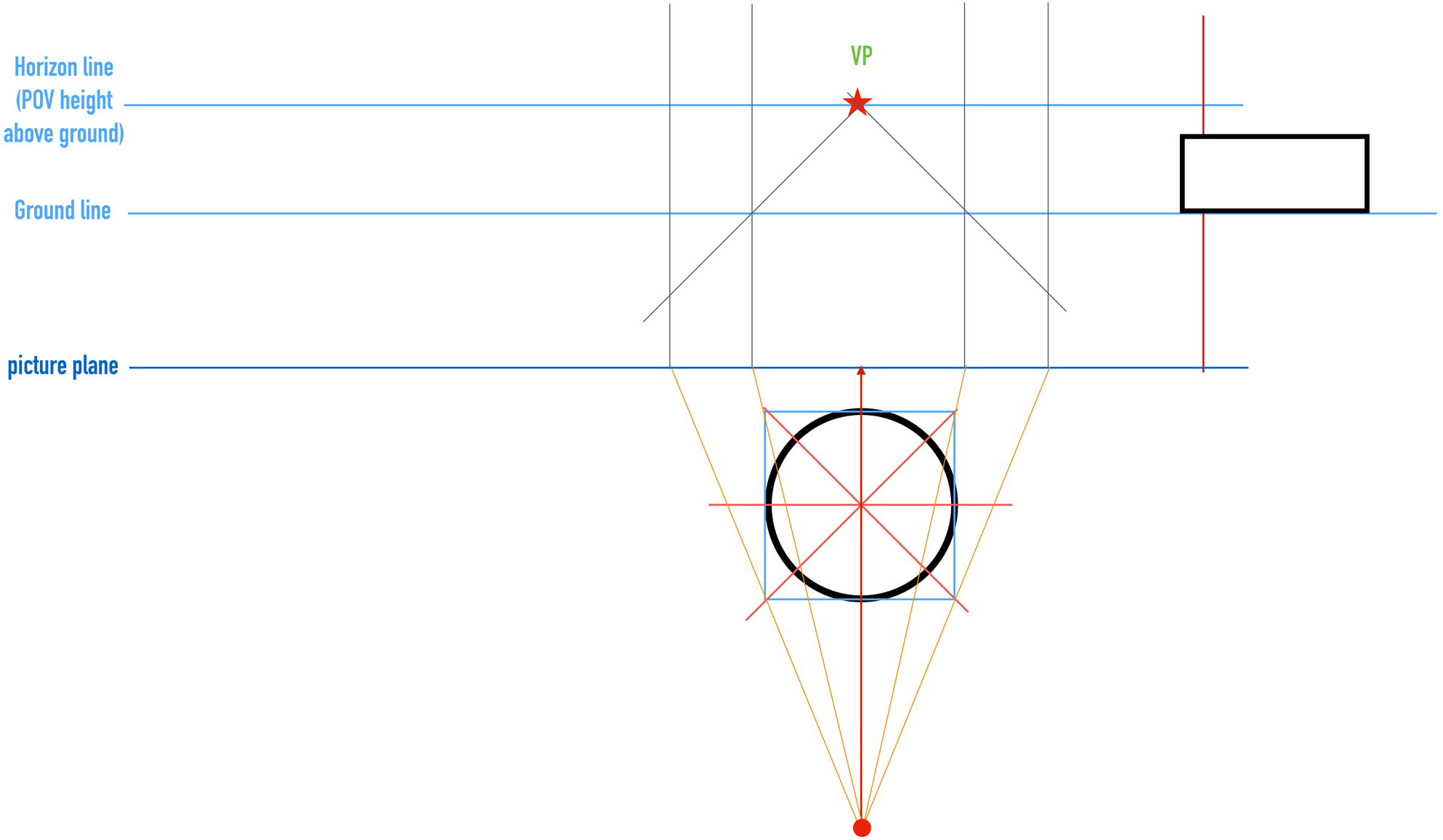

VP 3 (roof)
Horizon line
VP 1
VP 2
Ground
picture
VP 1
VP 2
height line

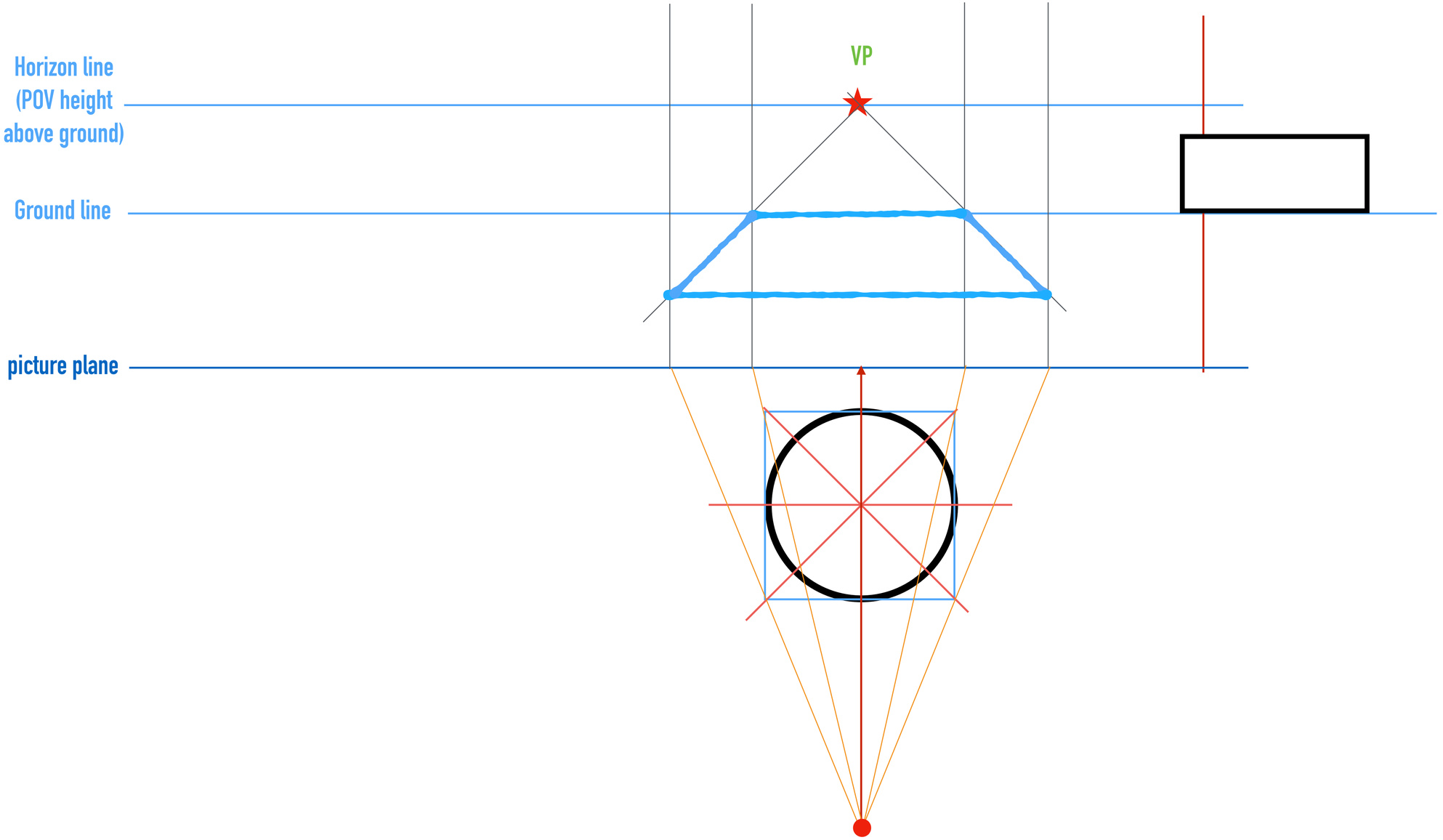

Horizon line
(POV height
above ground)
VP
Ground line
picture plane

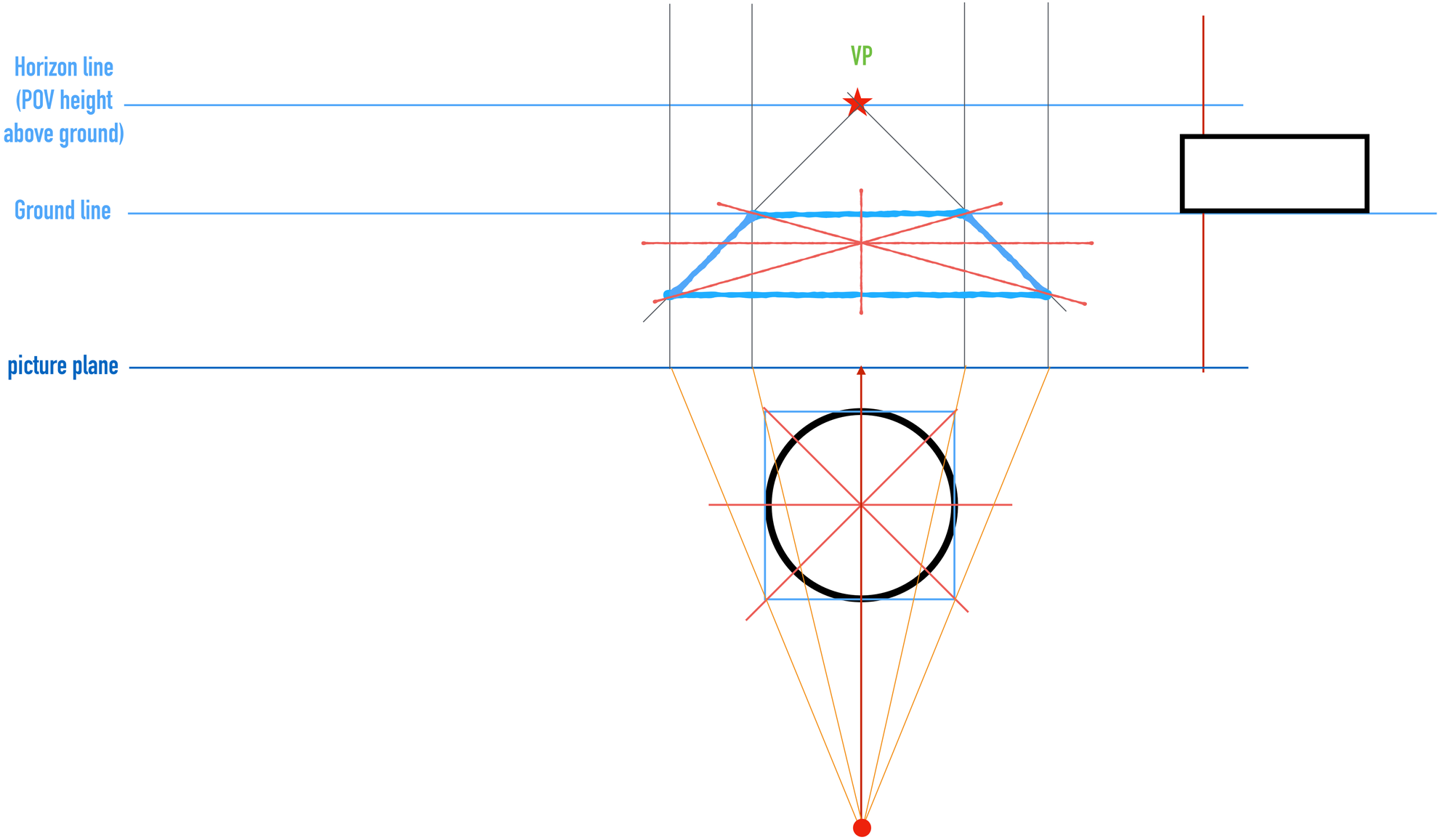

Horizon line
(POV height
above ground)
VP
Ground line
picture plane

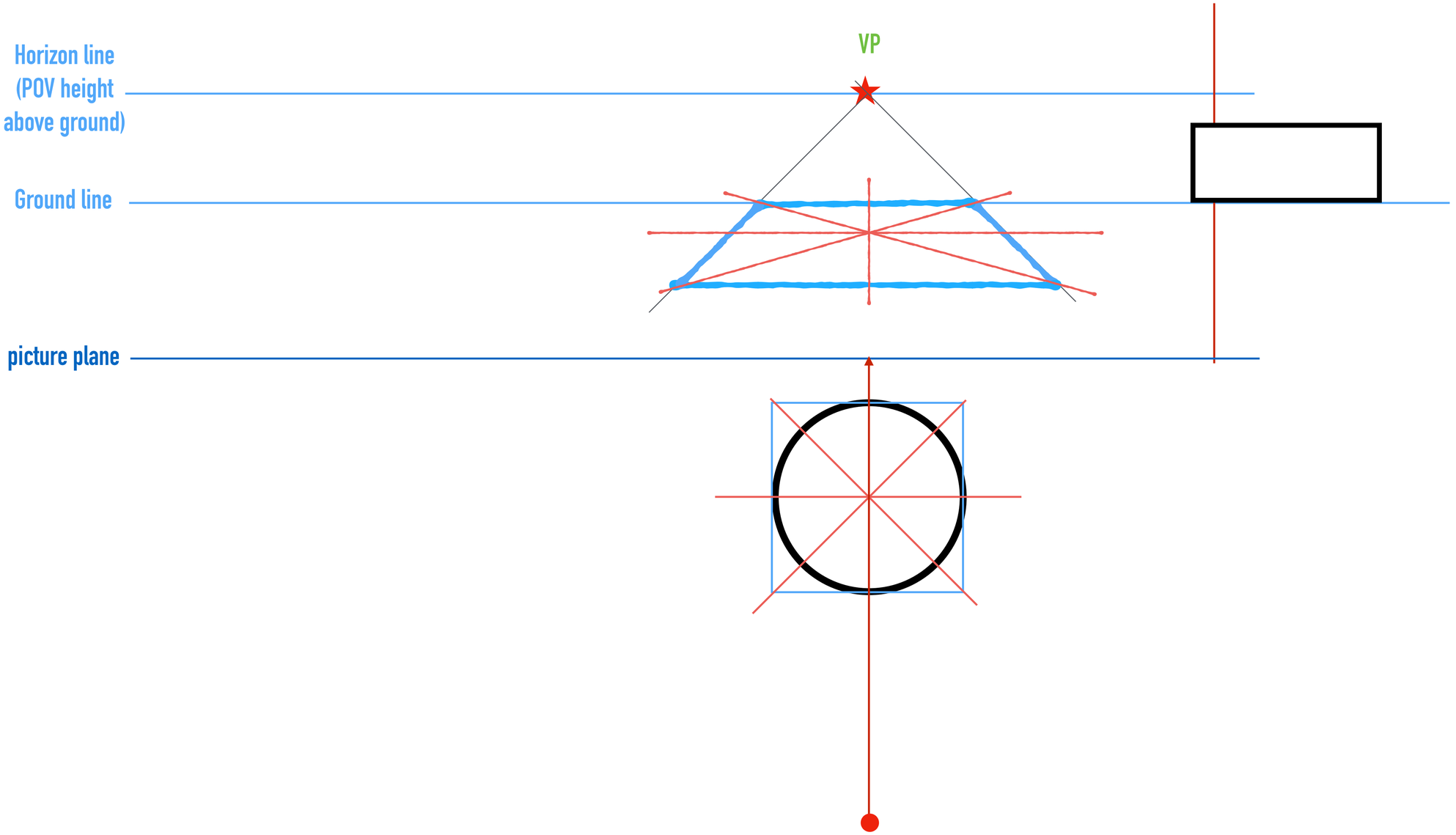

Horizon line
(POV height
above ground)
VP
Ground line
picture plane

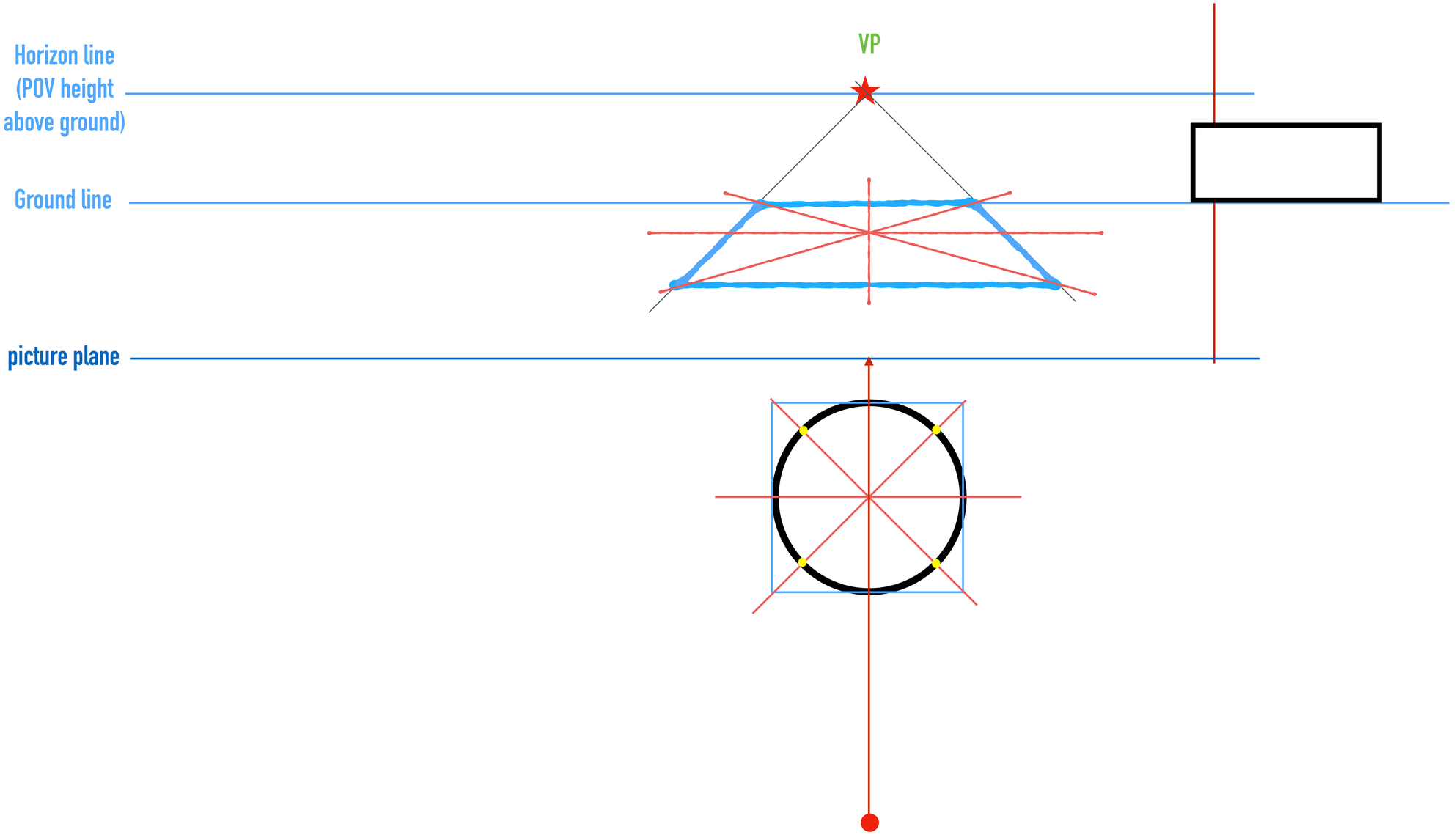

Horizon line
(POV height
above ground)
VP
Ground line
picture plane

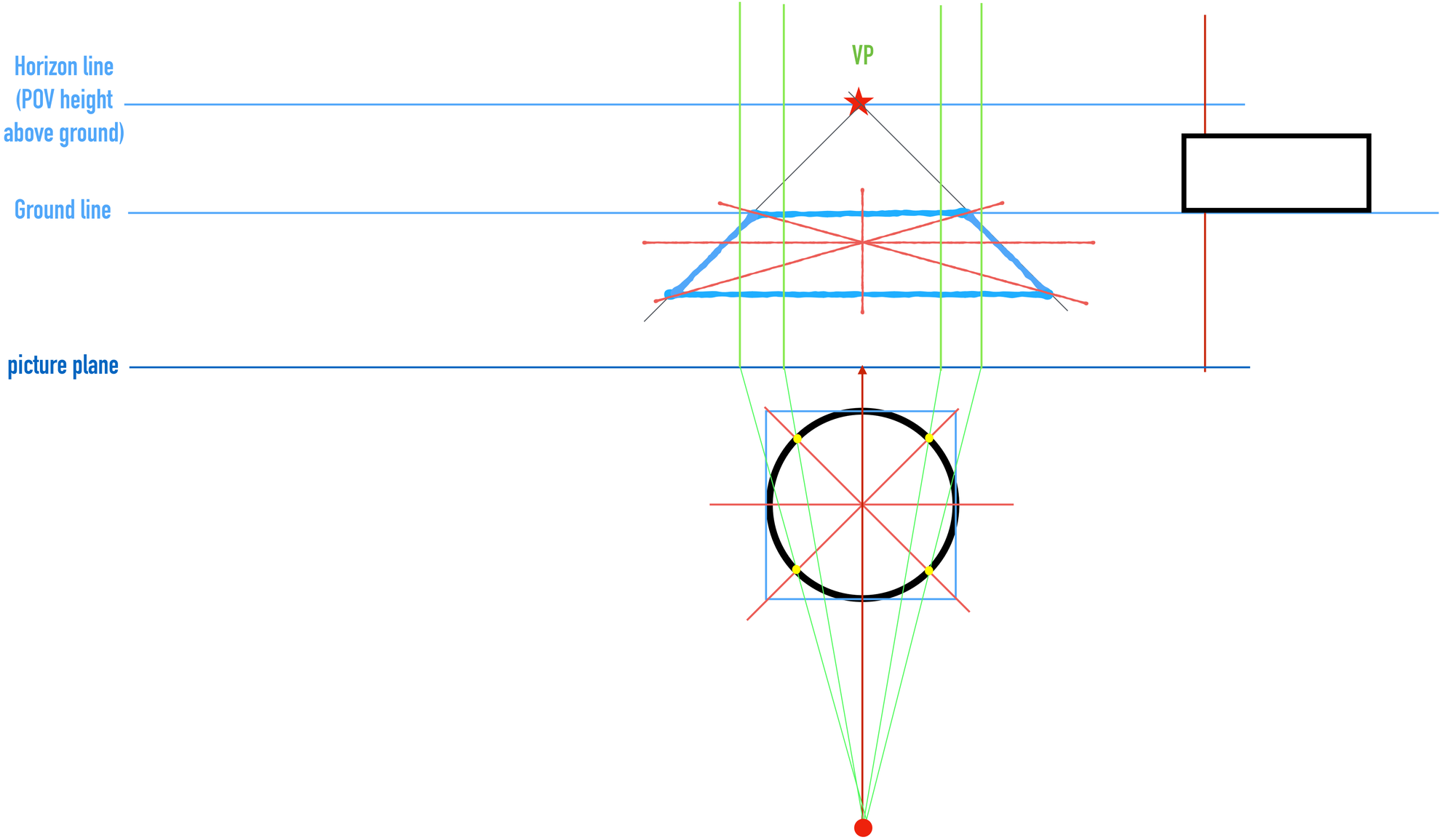

Horizon line
(POV height
above ground)
Ground line
picture plane
VP

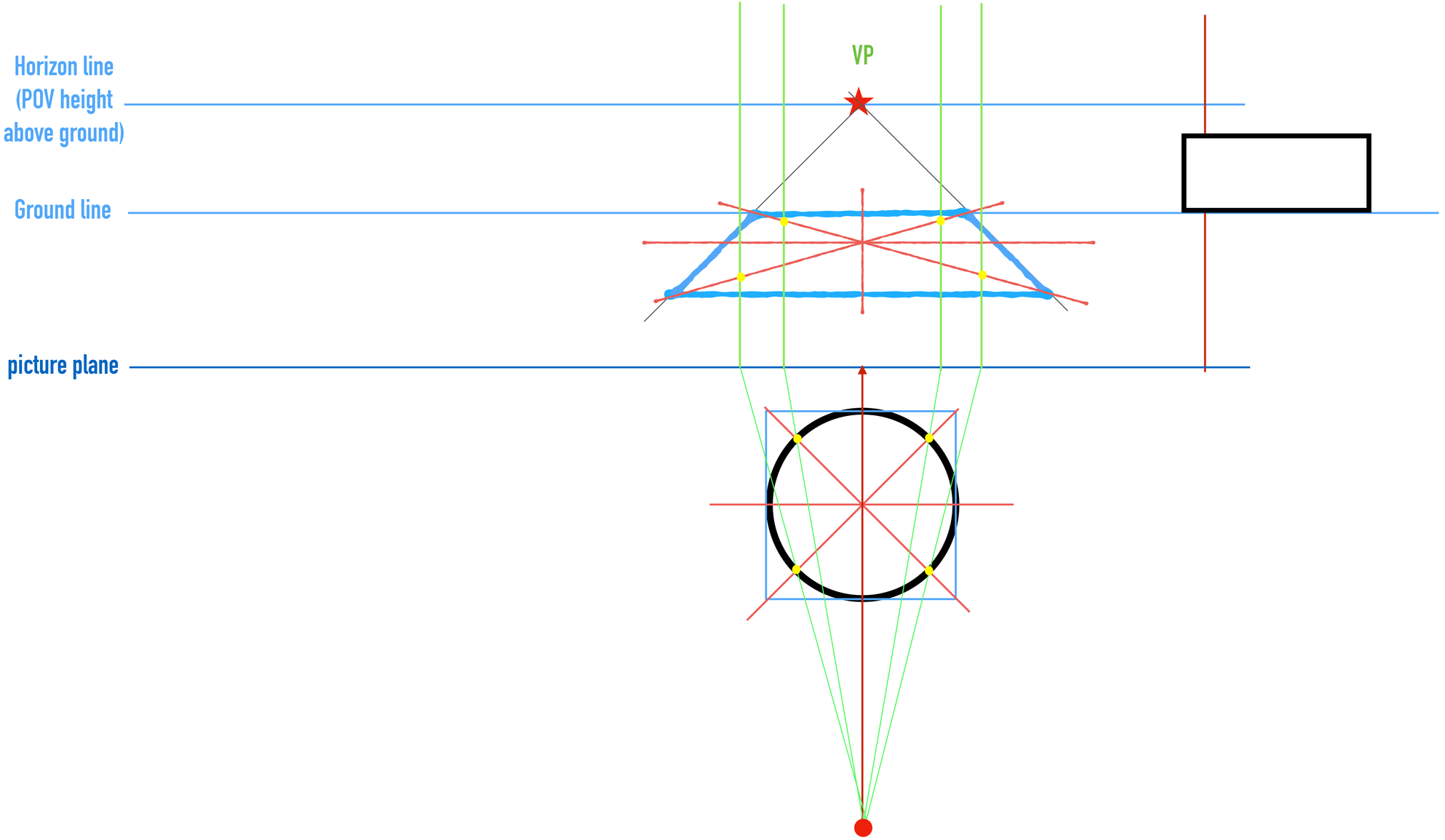

Horizon line
(POV height
above ground)
Ground line
picture plane
VP

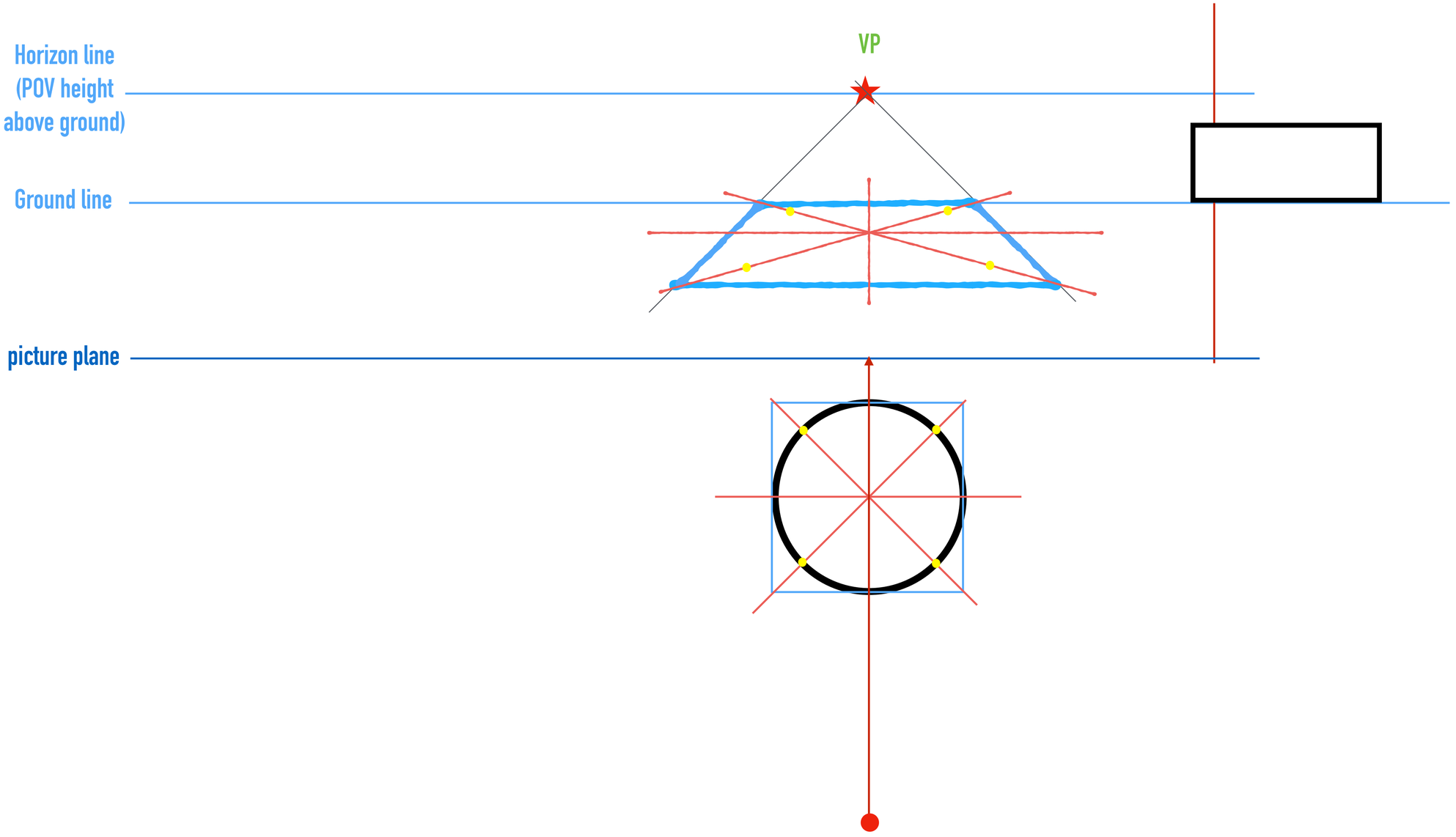

Horizon line
(POV height
above ground)
Ground line
picture plane
VP

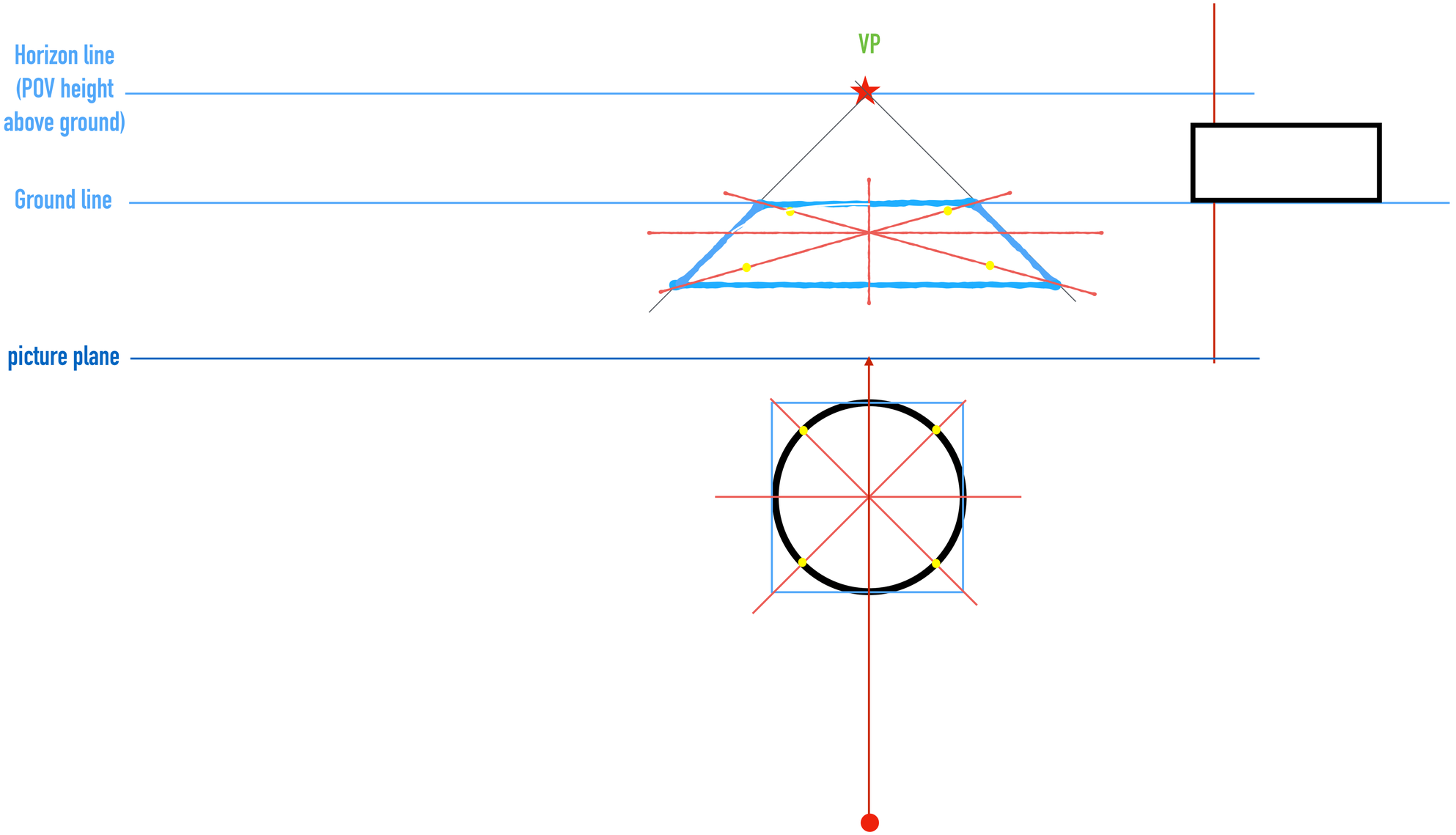

Horizon line
(POV height
above ground)
VP
Ground line
picture plane

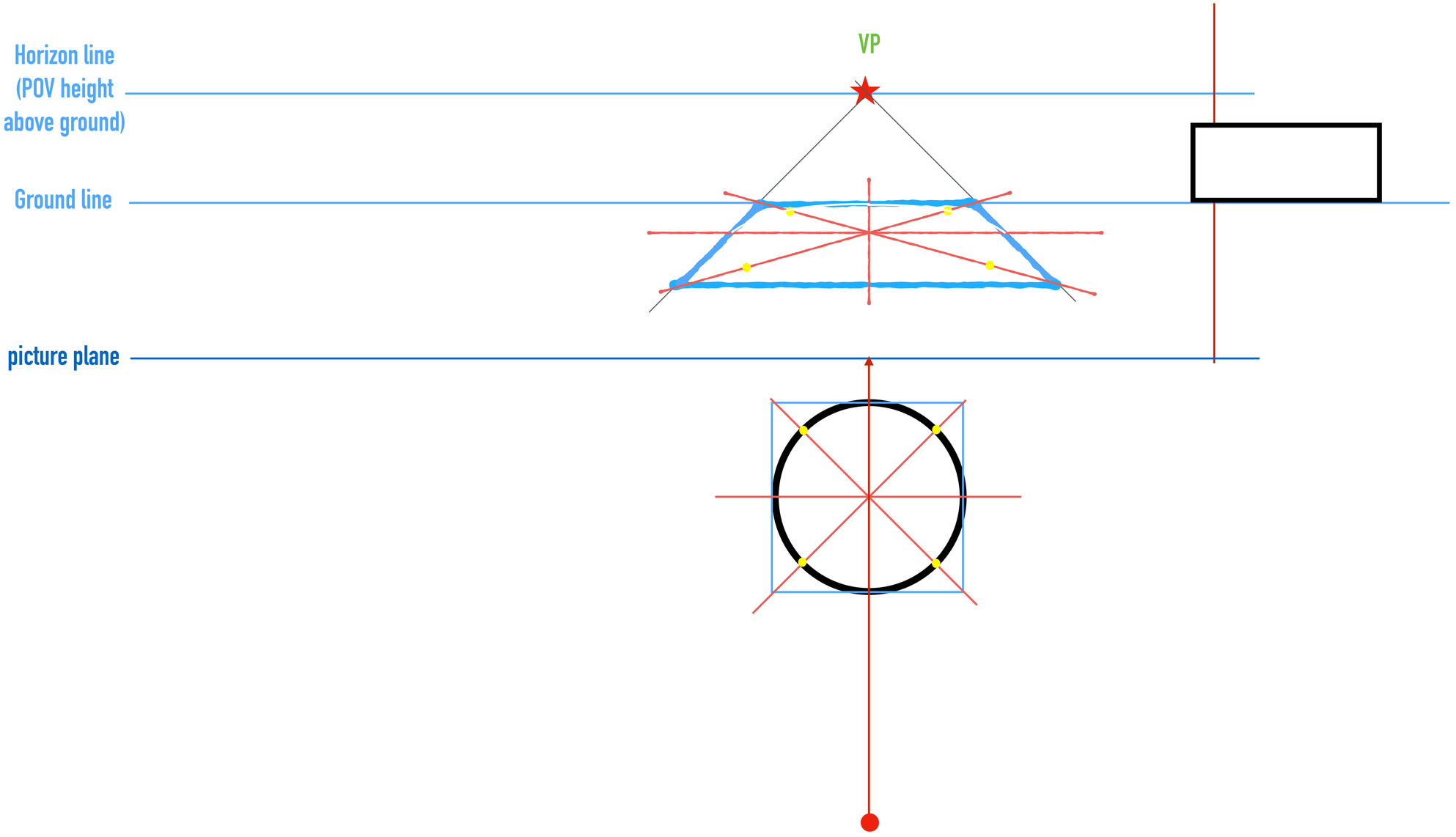

Horizon line
(POV height
above ground)
VP
Ground line
picture plane

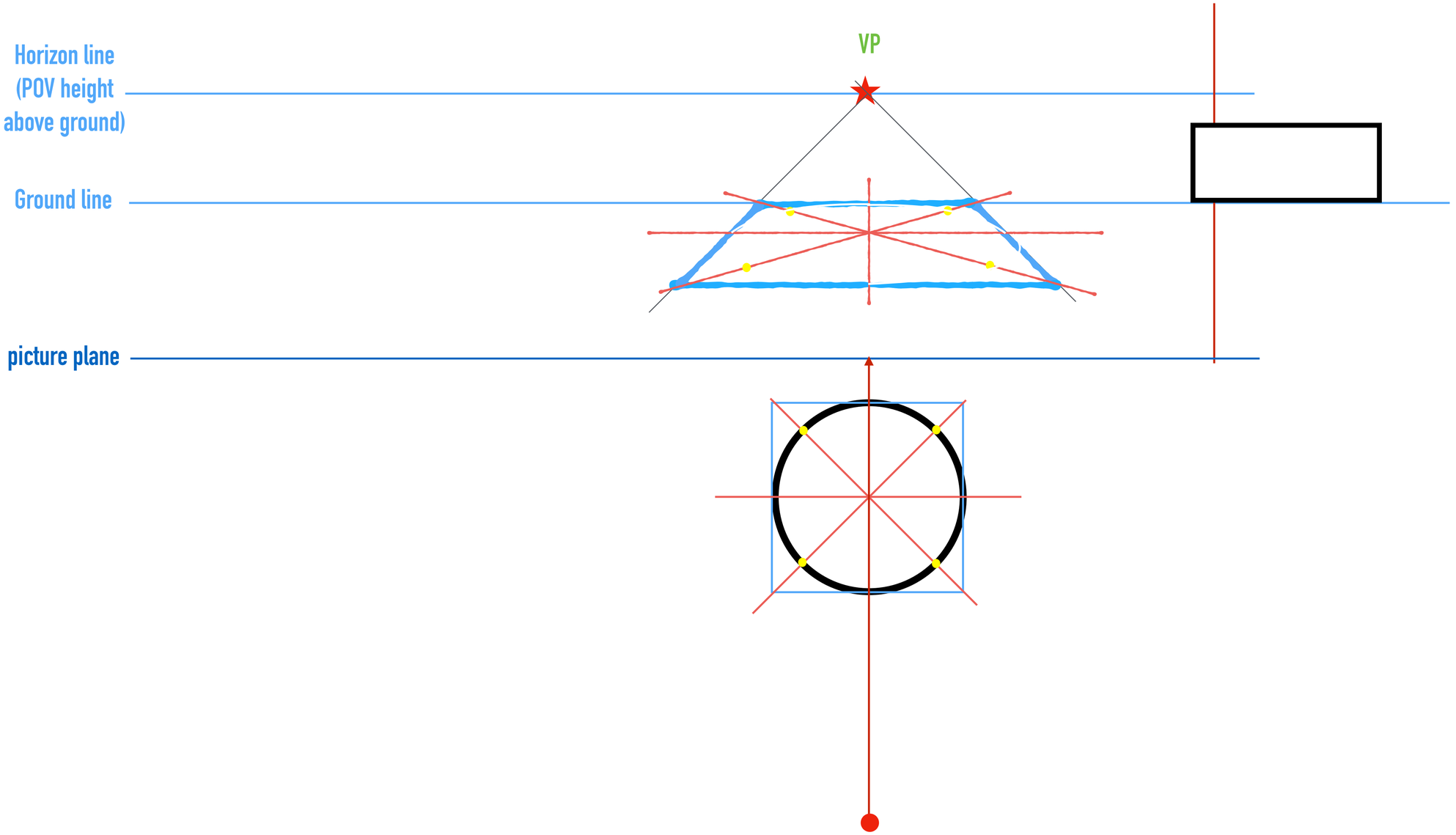

Horizon line
(POV height
above ground)
Ground line
picture plane
VP

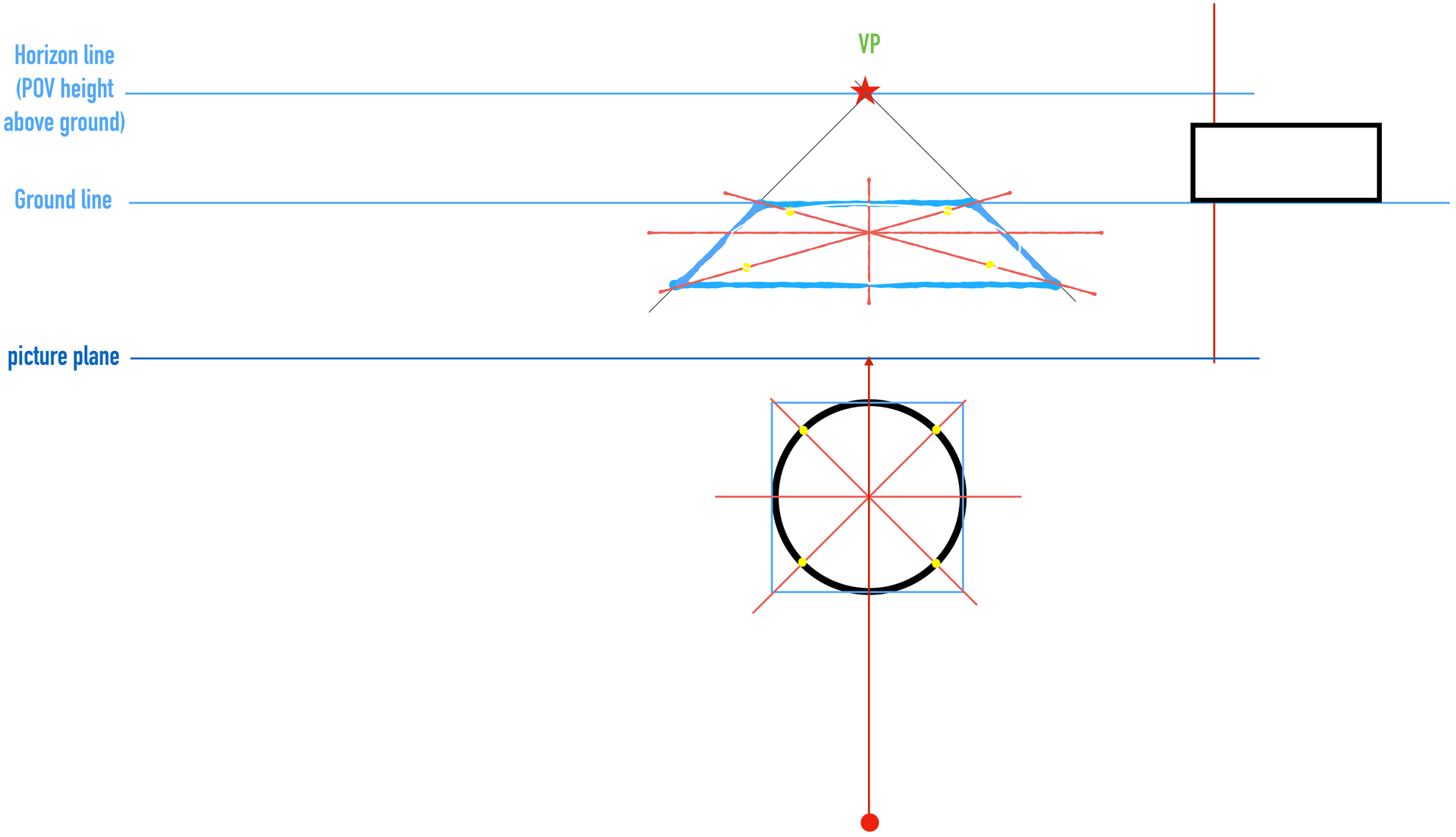

Horizon line
(POV height
above ground)
Ground line
picture plane
VP

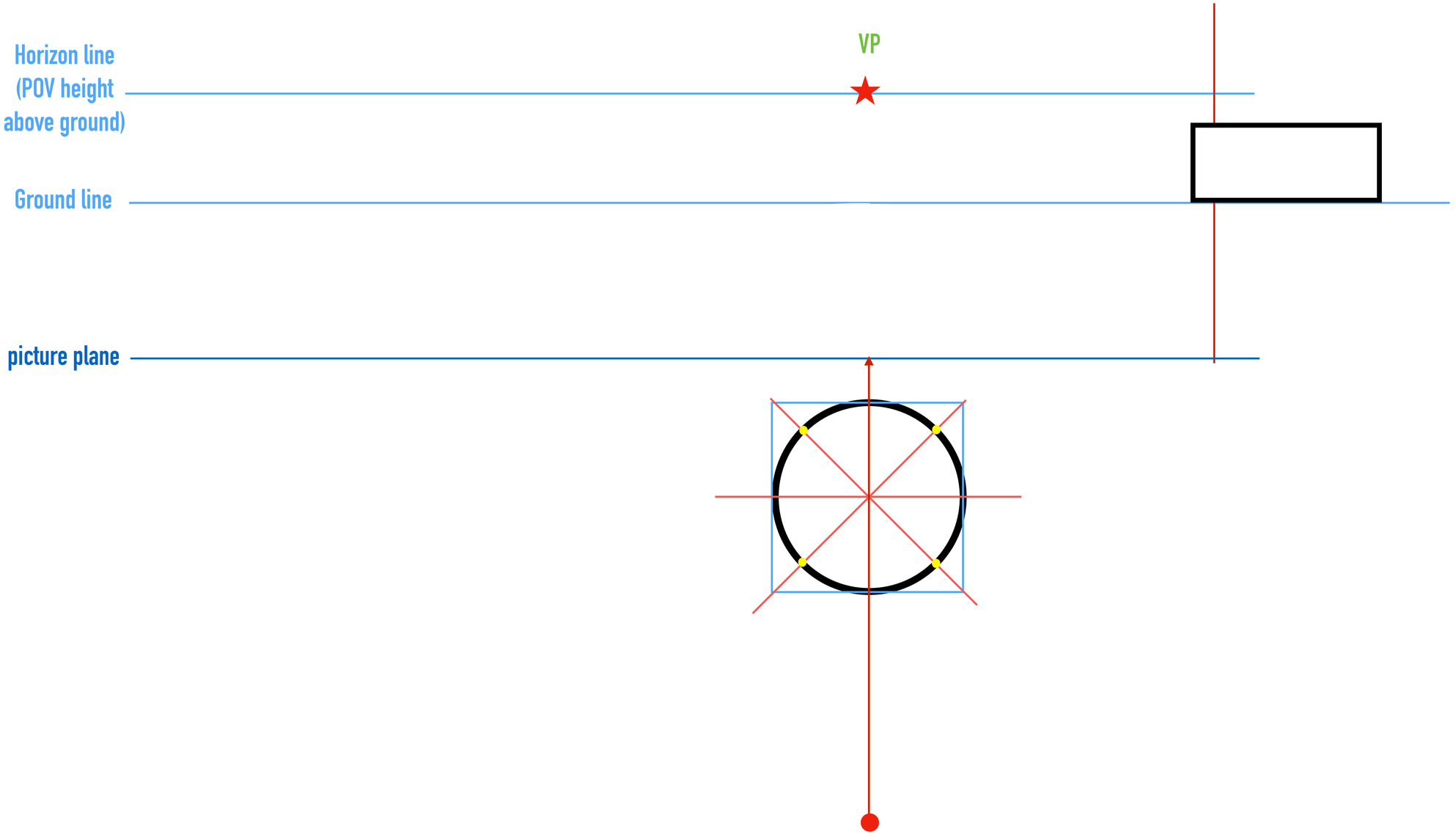

Horizon line
(POV height
above ground)
VP
Ground line
picture plane

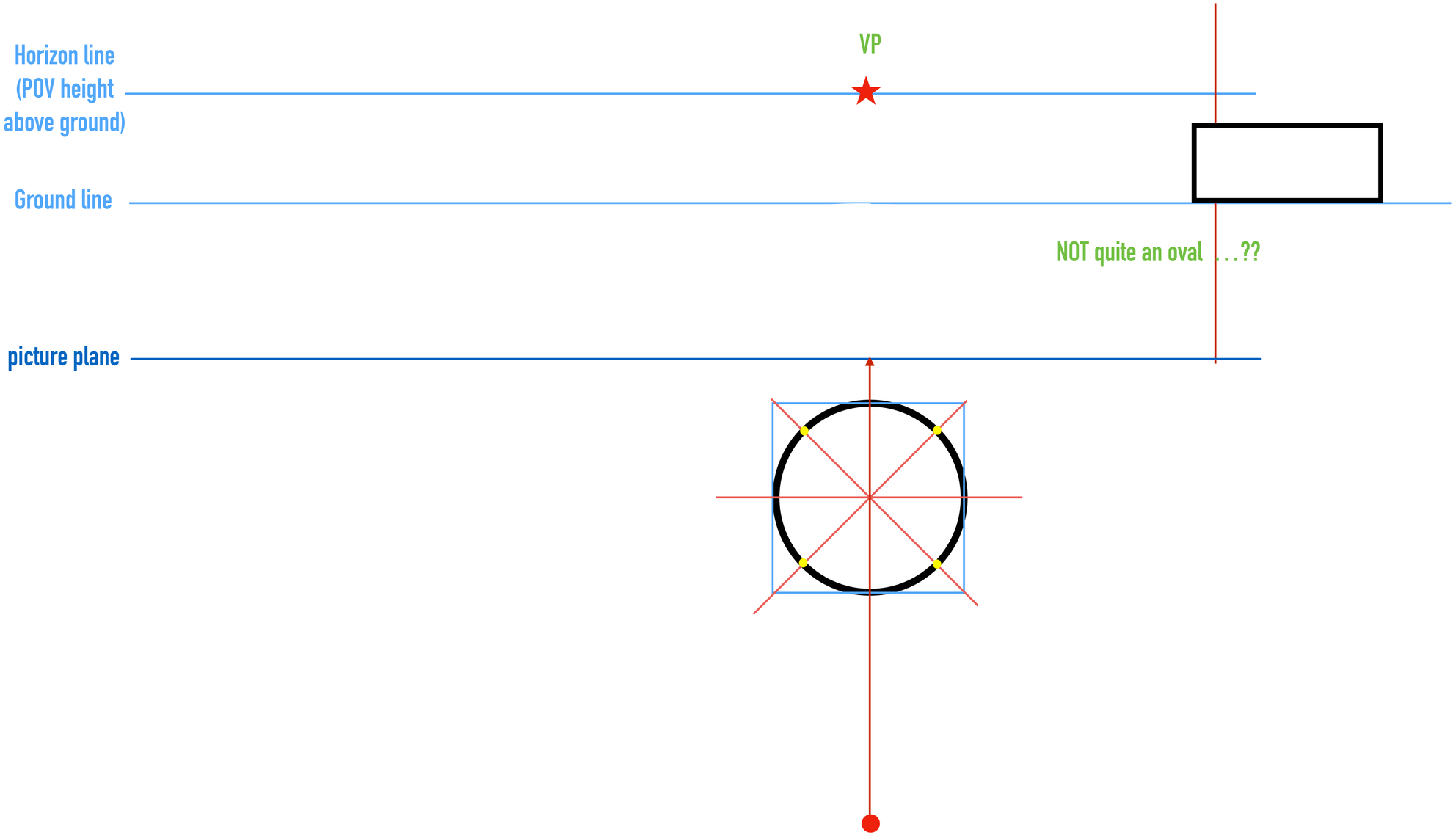

Horizon line
(POV height
above ground)
VP
Ground line
picture plane

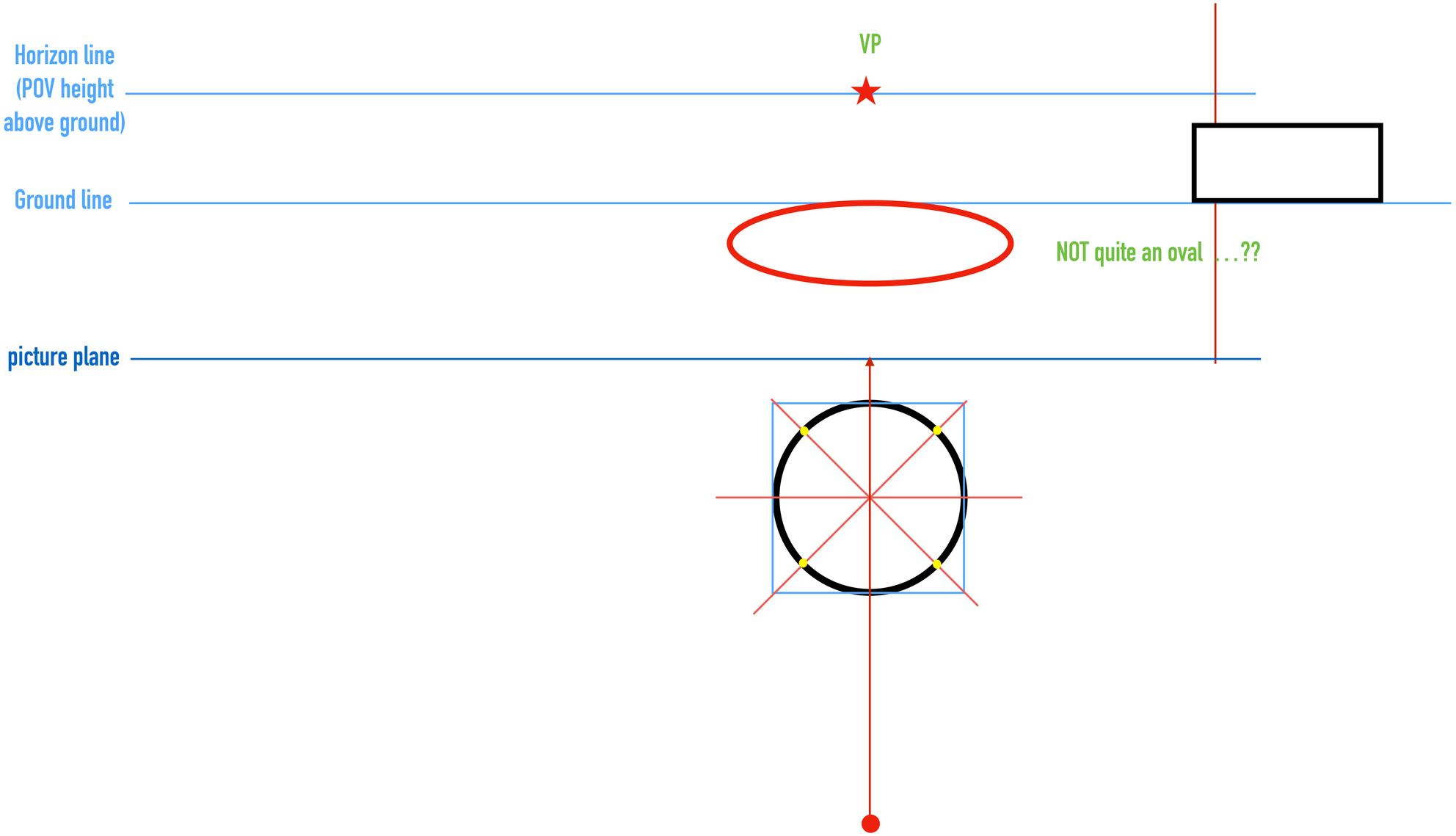

Horizon line
(POV height
above ground)
VP
Ground line
picture plane

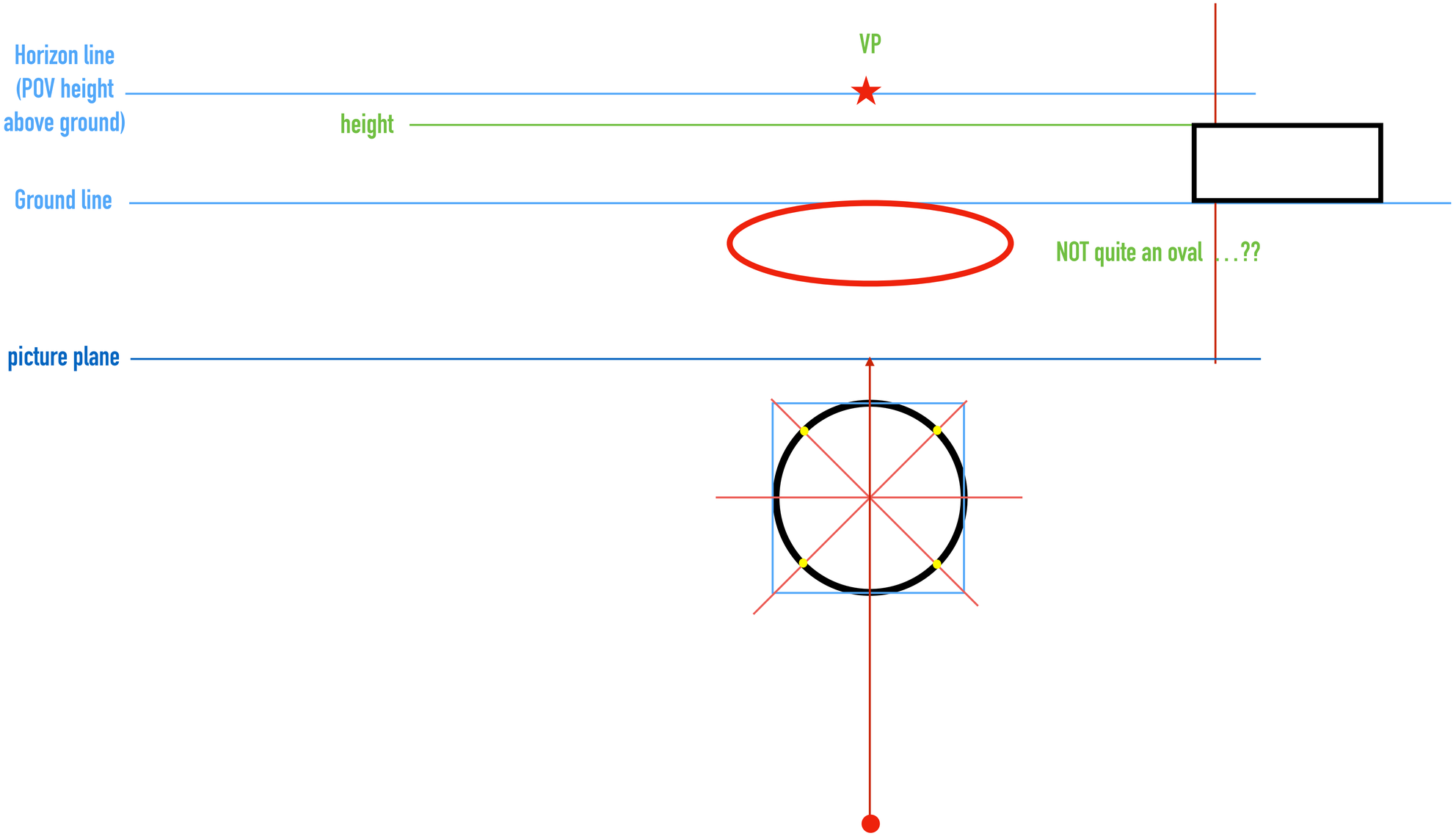

Horizon line
(POV height
above ground)
VP
Ground line
picture plane

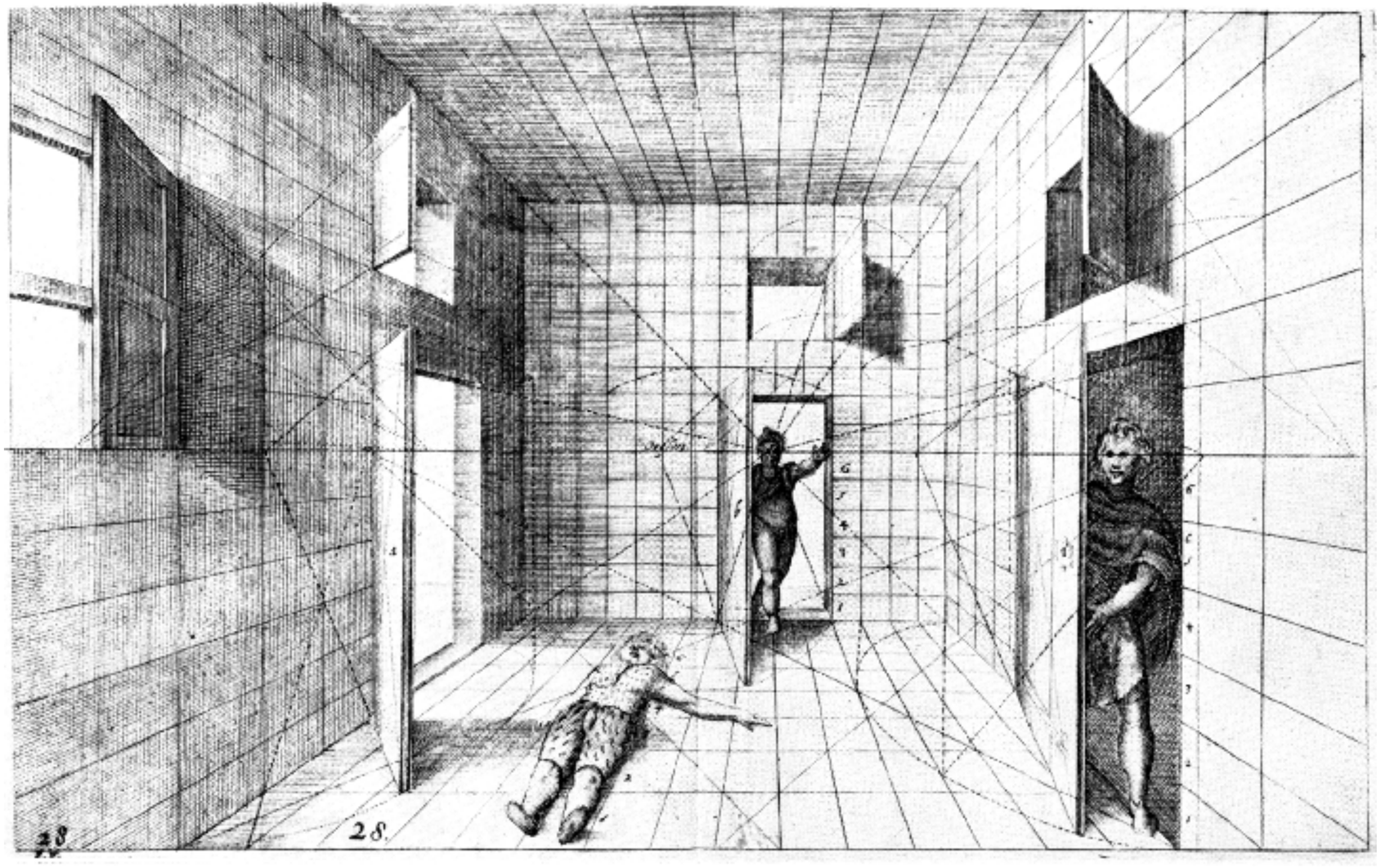

Horizon line
(POV height
above ground)
VP
Ground line
picture plane


Horizon line
(POV height
above ground)
VP
Ground line
picture plane


Horizon line
(POV height
above ground)
VP
Ground line
NOT quite an oval . . .??
picture plane


Horizon line
(POV height
above ground)
VP
Ground line
NOT quite an oval . . .??
picture plane


Horizon line
(POV height
above ground)
VP
height
Ground line
NOT quite an oval . . .??
picture plane



JAN VREDEMAN DE VRIES, *Perspective* (Leiden, 1604–5), plate 28. Courtesy, the Bancroft Library, Berkeley, California.