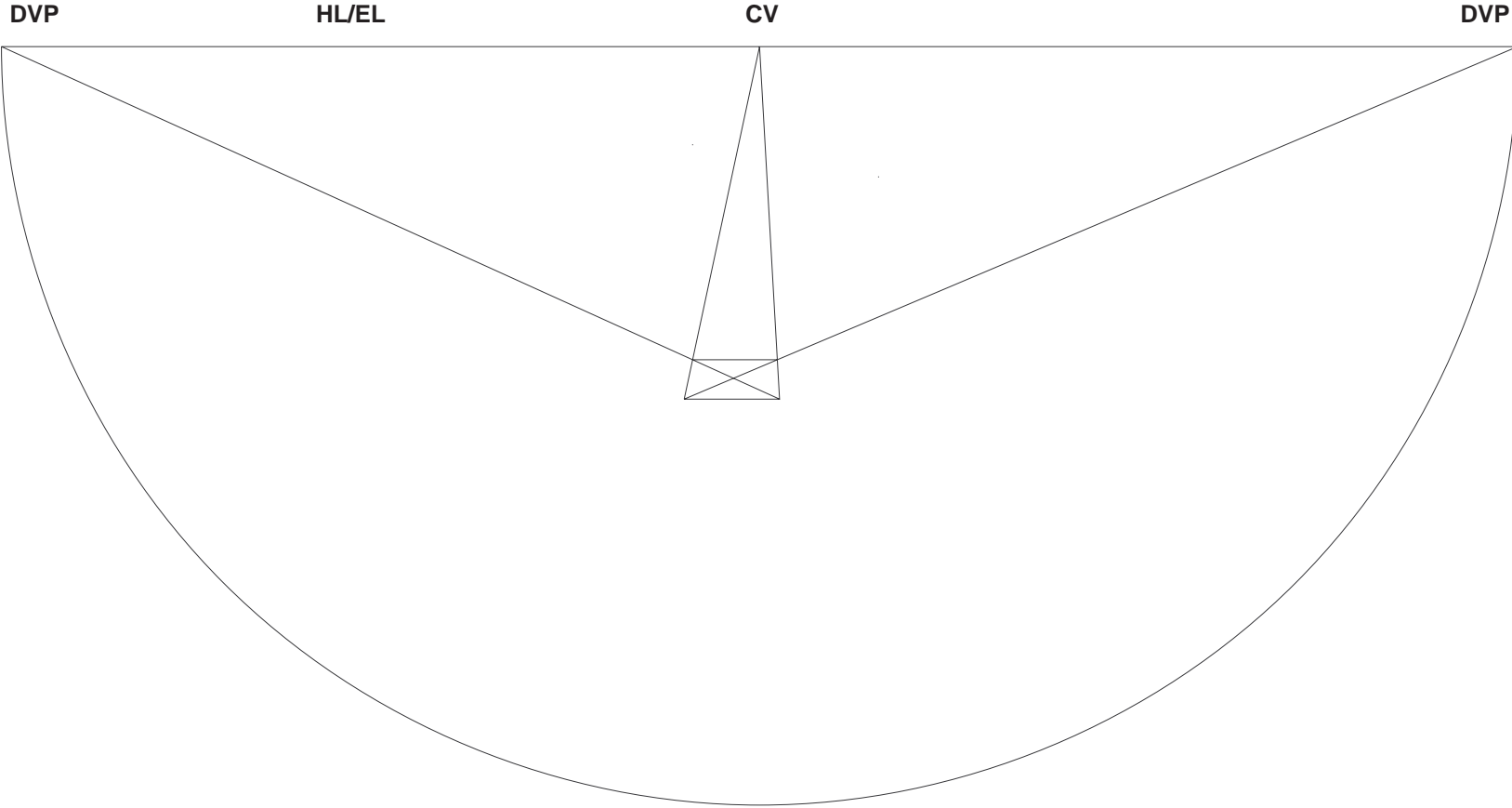


HOW TO DRAFT A STANDING CONE

Rebecca B. Bennett

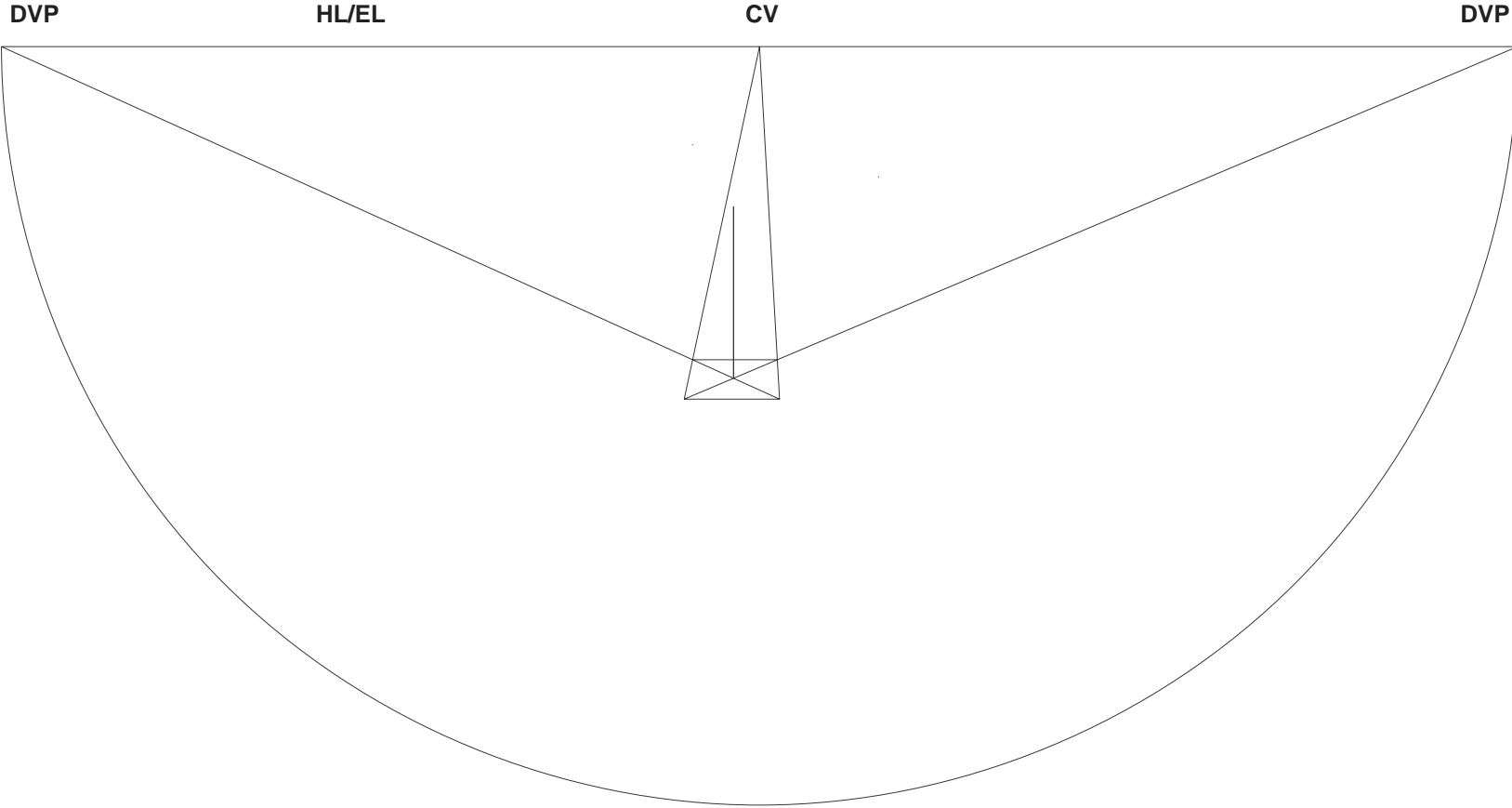


NOTES:

step 1
Draft a square
in one point
perspective

HOW TO DRAFT A STANDING CONE

Rebecca B. Bennett

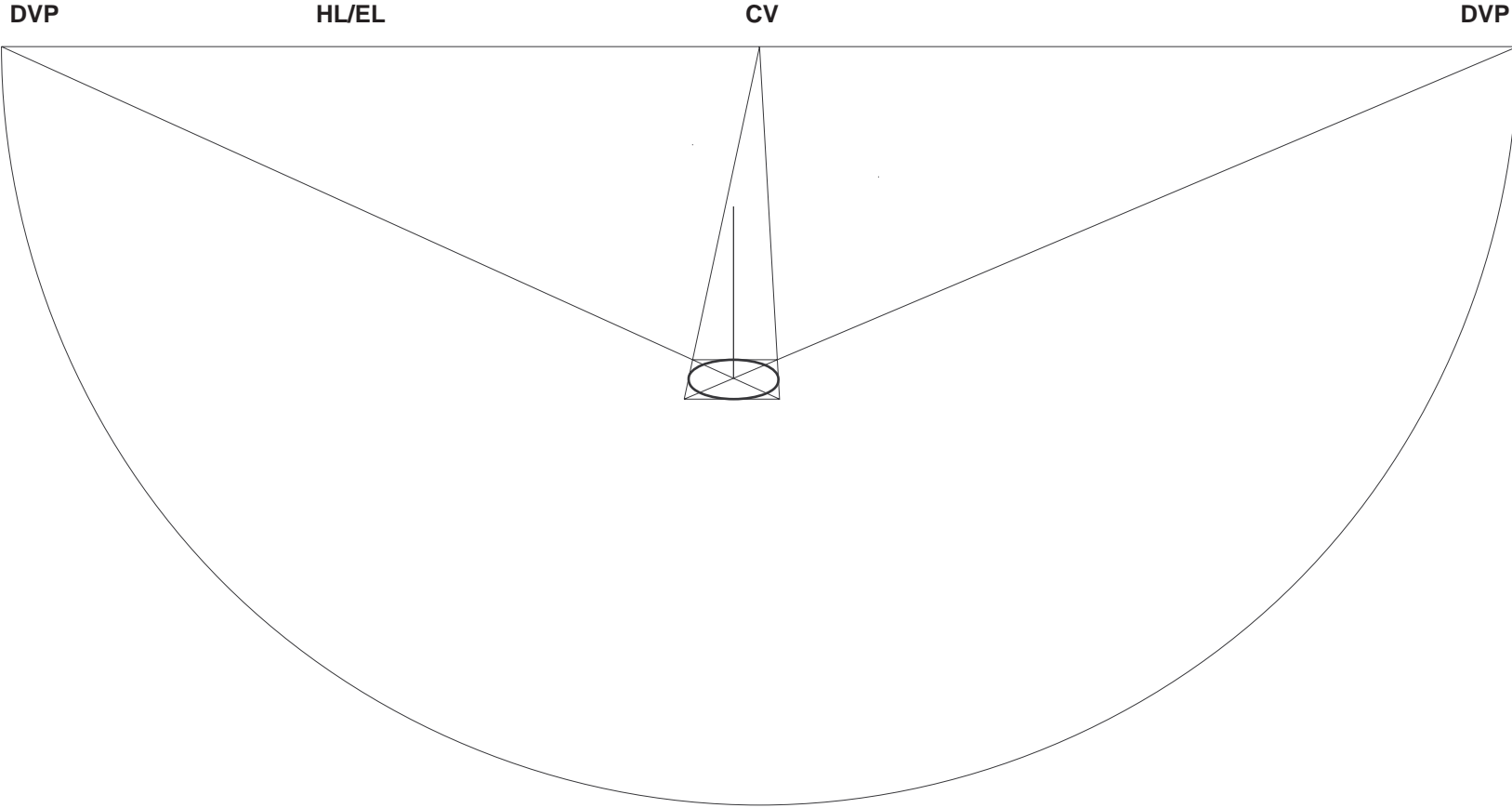


NOTES:

step 2
Find the center of the base and extend a line from the center, perpendicular to the H/EL, as high as you want the cone to be.

HOW TO DRAFT A STANDING CONE

Rebecca B. Bennett

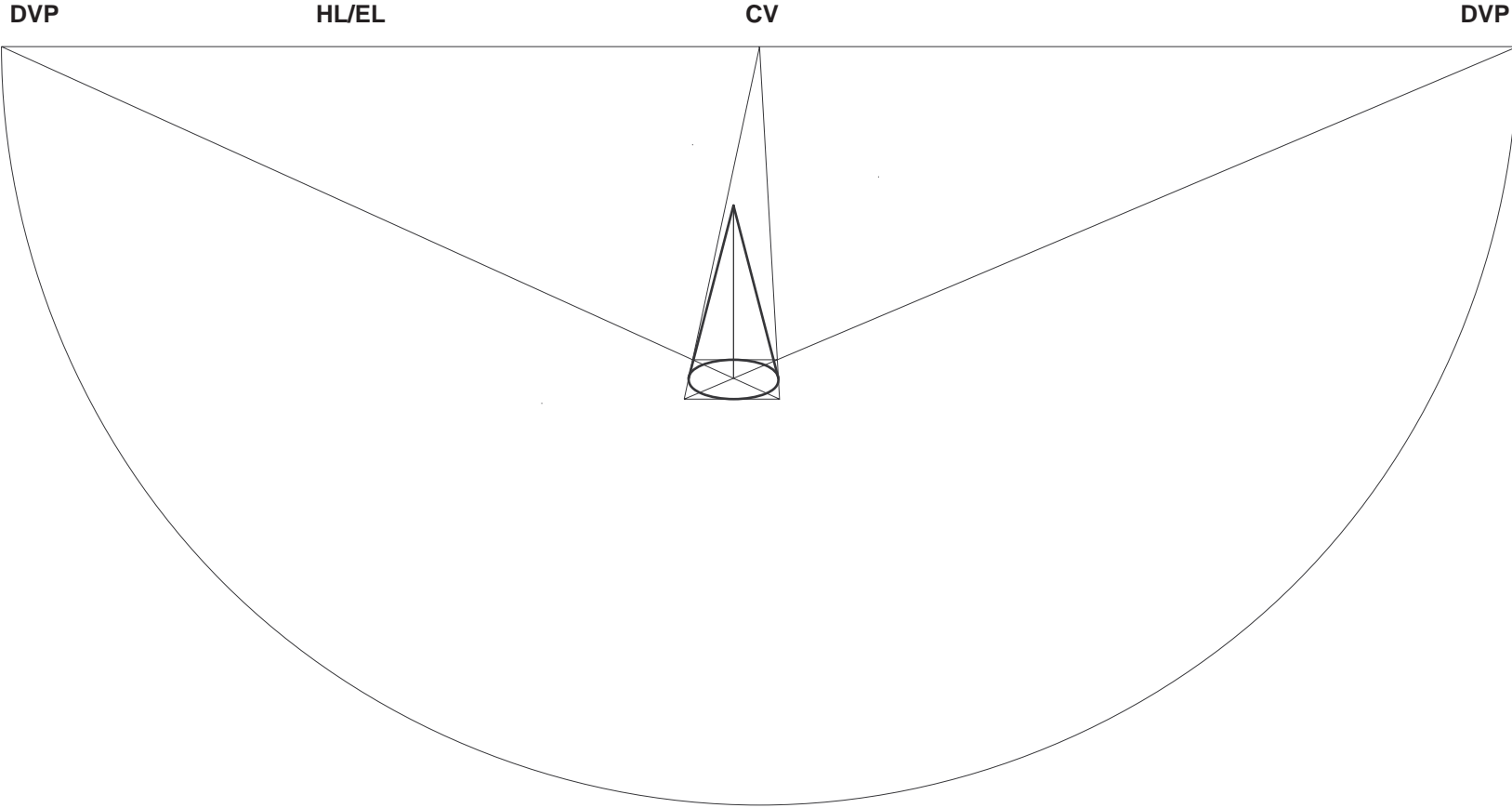


NOTES:

step 3
Sketch in the ellipse based on the square in perspective. Remember that the major axis of the ellipse will be perpendicular to the axis of the form.

HOW TO DRAFT A STANDING CONE

Rebecca B. Bennett

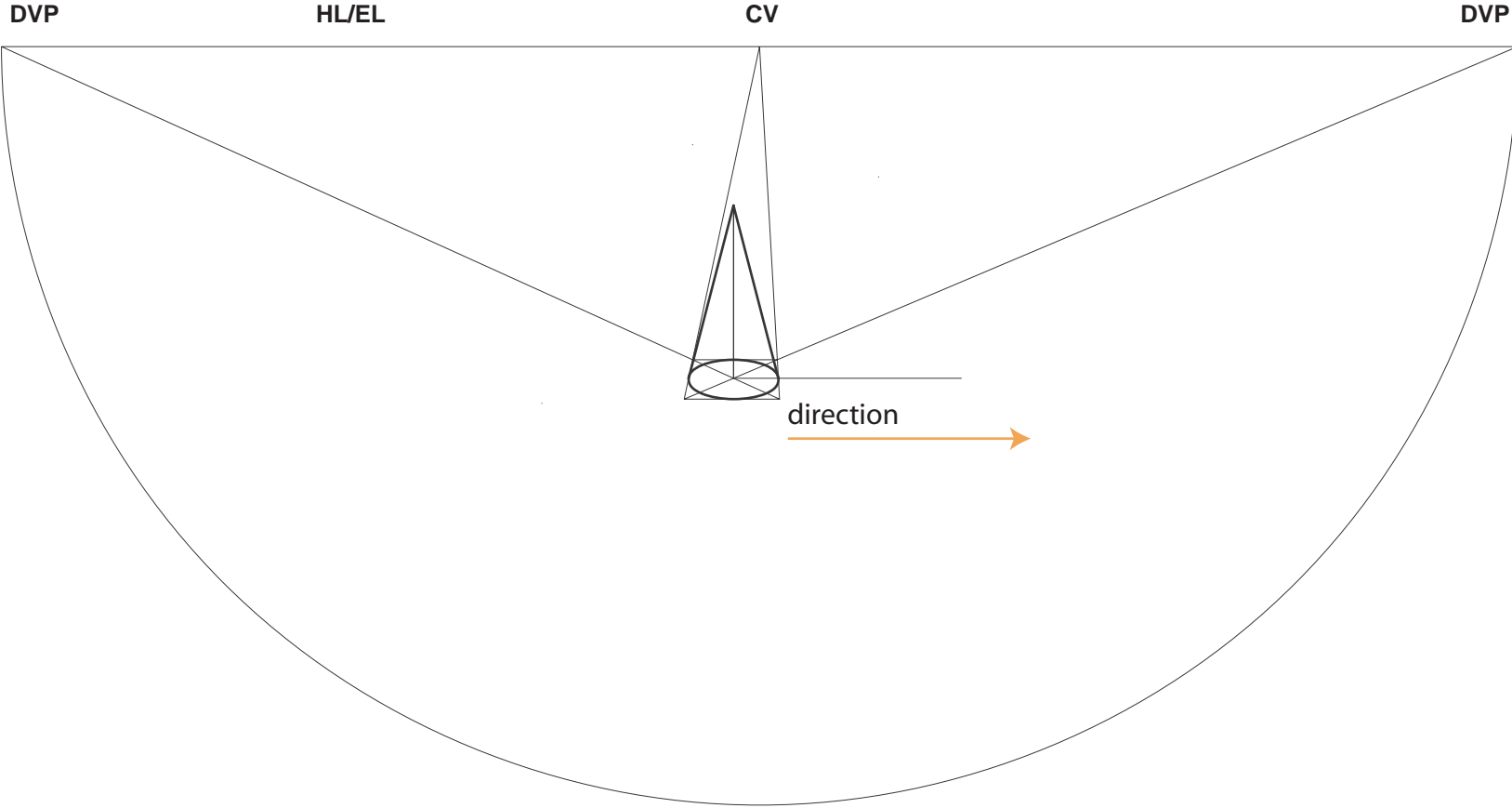


NOTES:

step 4
Draw in the sides of the cone. Make sure not to chop off the "corners" of the cones.

HOW TO DRAFT A STANDING CONE

Rebecca B. Bennett

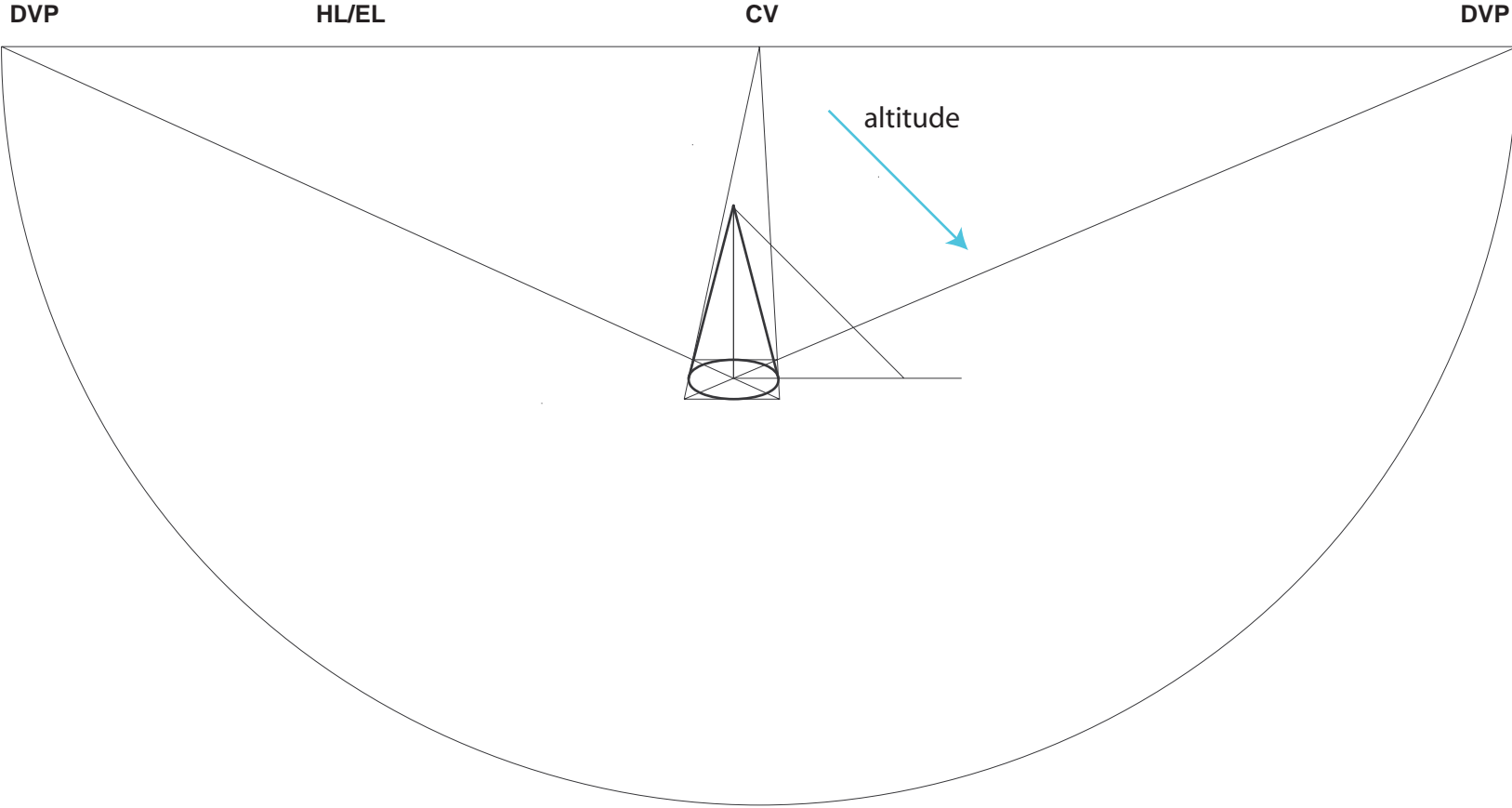


NOTES:

step 5
For the shadow, extend the light direction through the base of the cone.

HOW TO DRAFT A STANDING CONE

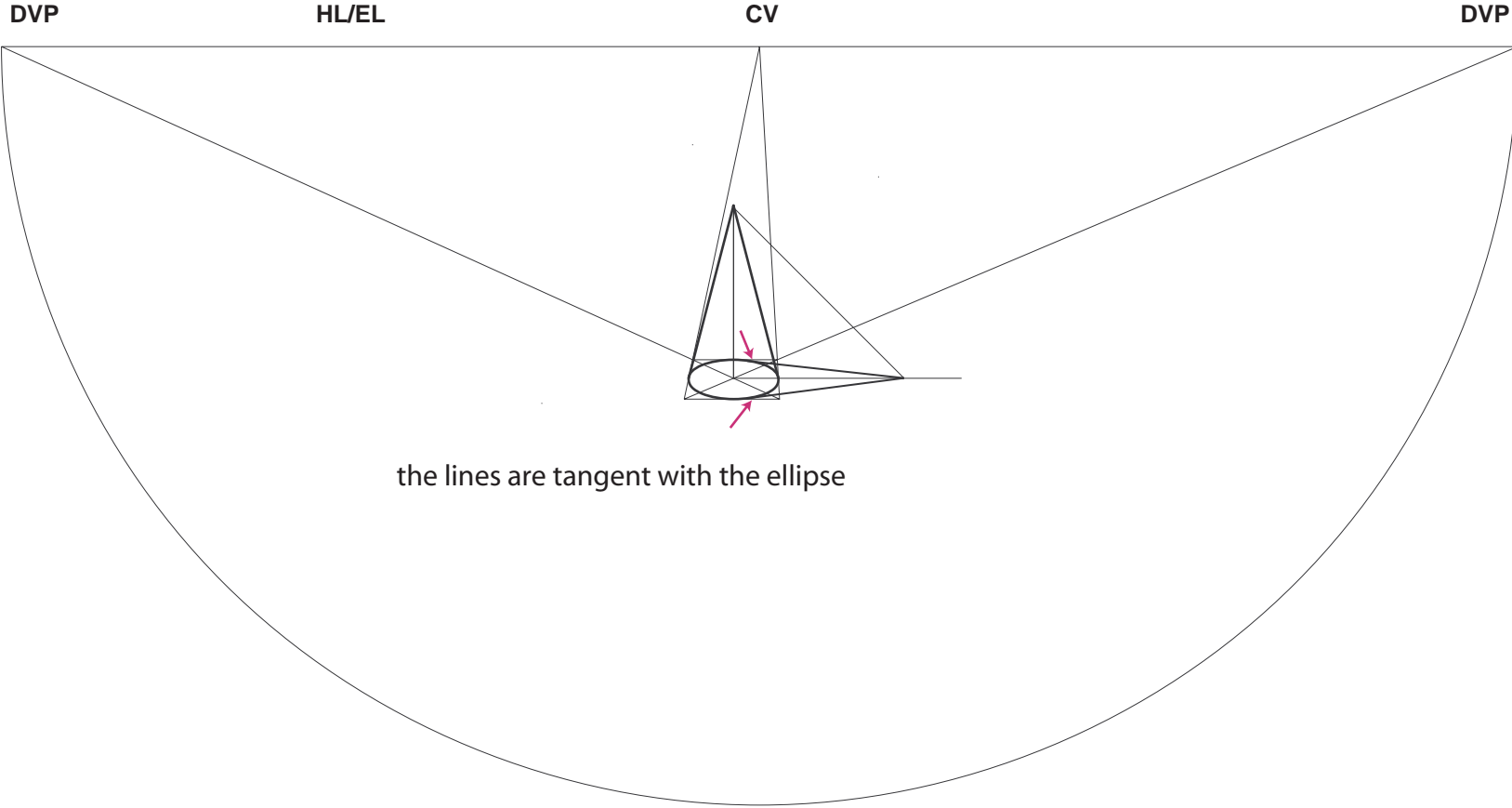
Rebecca B. Bennett



NOTES:

step 6
Drop the altitude from the top of the cone until it intersects with the light direction.

HOW TO DRAFT A STANDING CONE
Rebecca B. Bennett



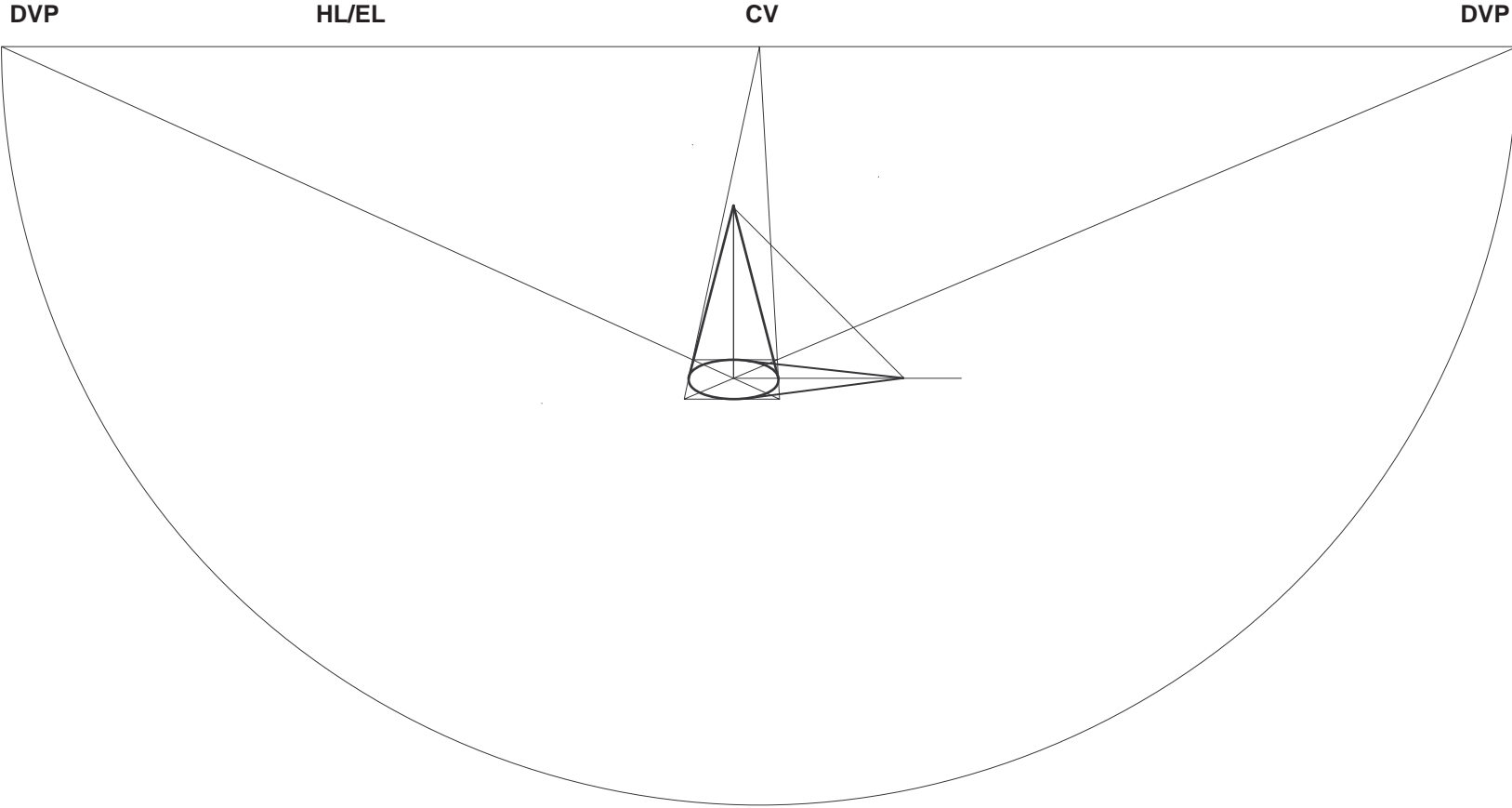
the lines are tangent with the ellipse

NOTES:

step 7
Connect the intersection to the edges, tangent with the ellipse.

HOW TO DRAFT A STANDING CONE

Rebecca B. Bennett



NOTES:

step 8
The core begins where the shadow is tangent with the base; it continues to the tip.