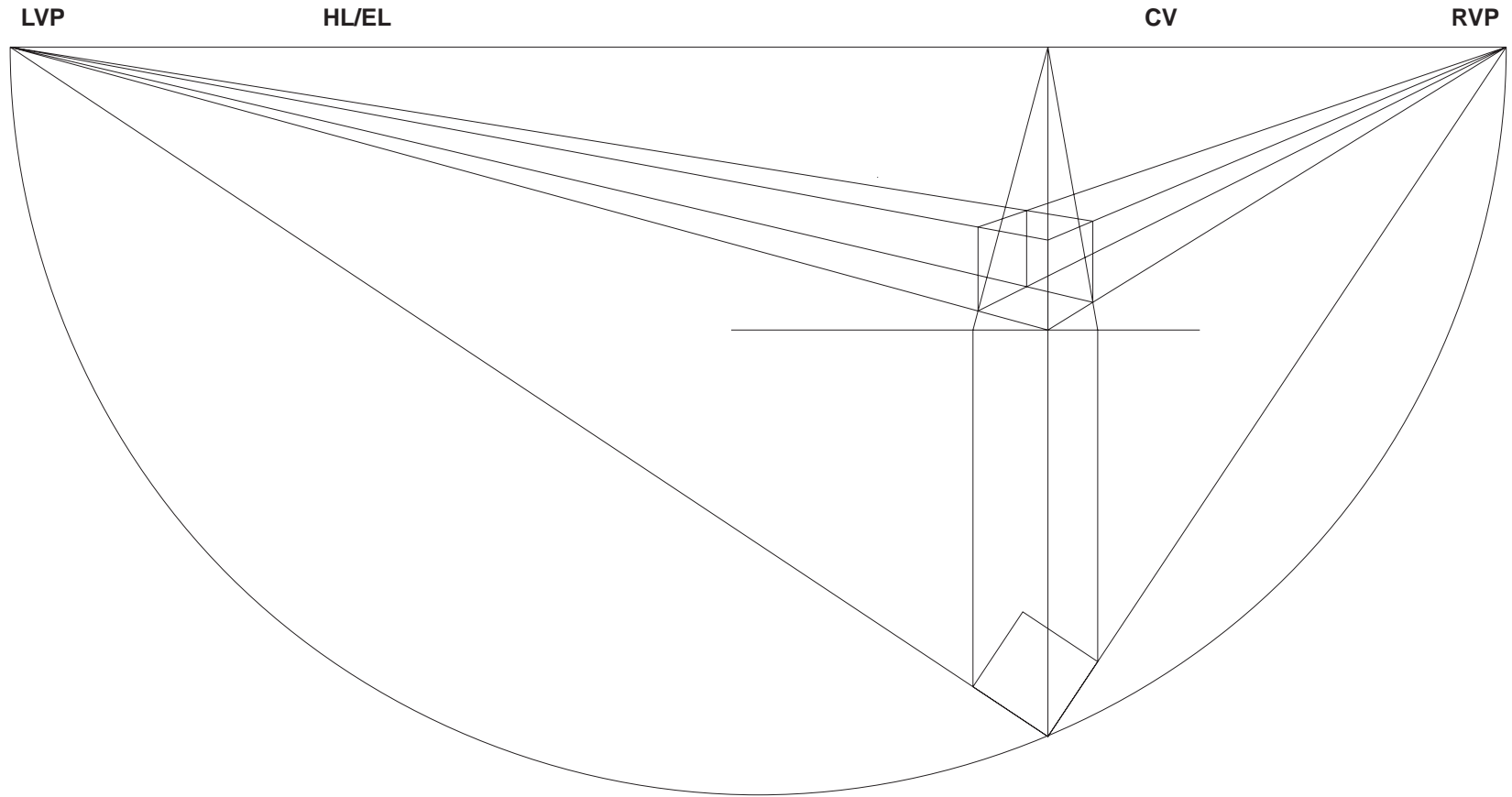


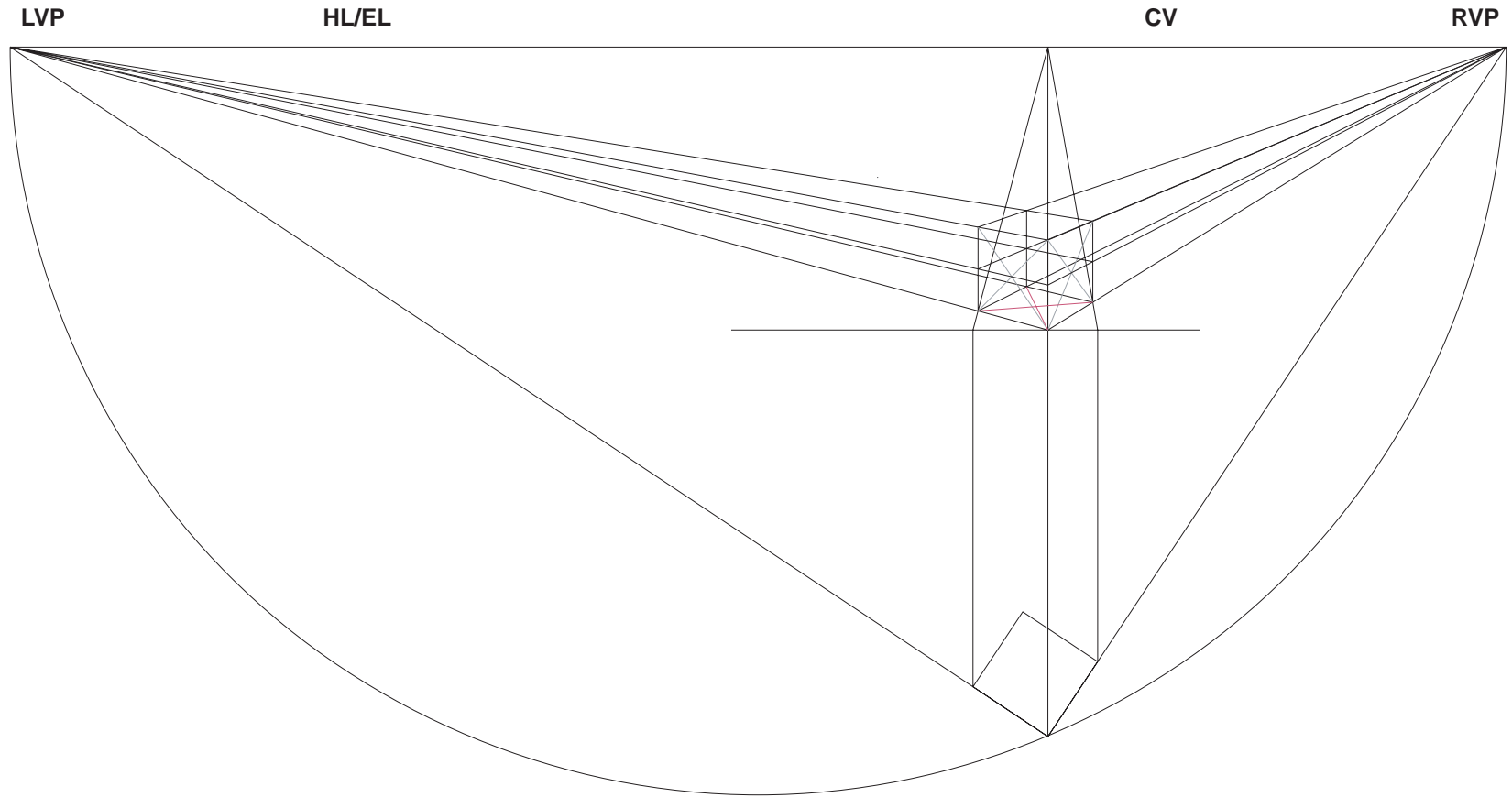
HOW TO DRAFT A SPHERE
Rebecca B. Bennett



NOTES:

step 1
draft a cube with
minimal distortion.

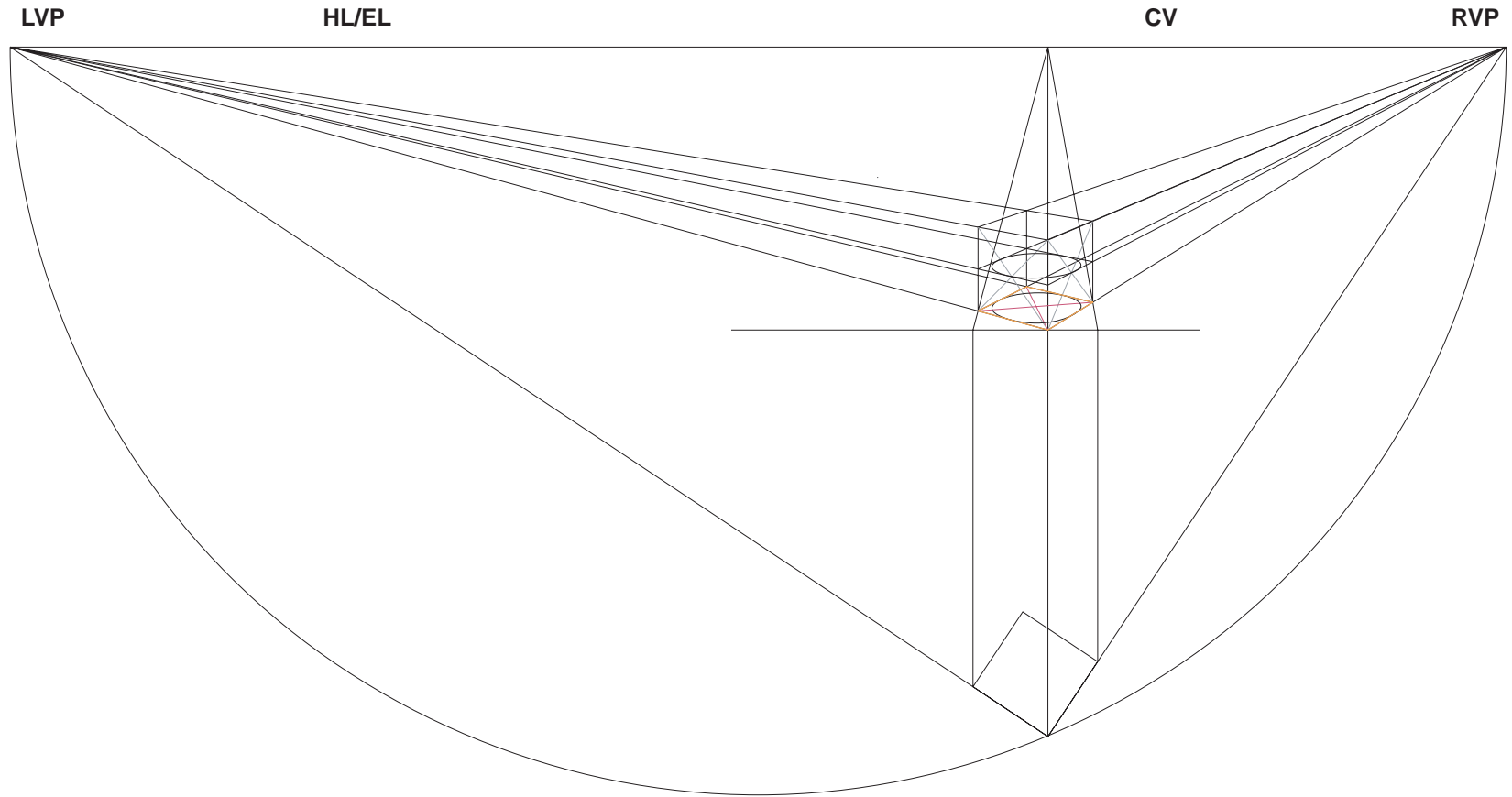
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NOTES:

step 3
connect the
centers

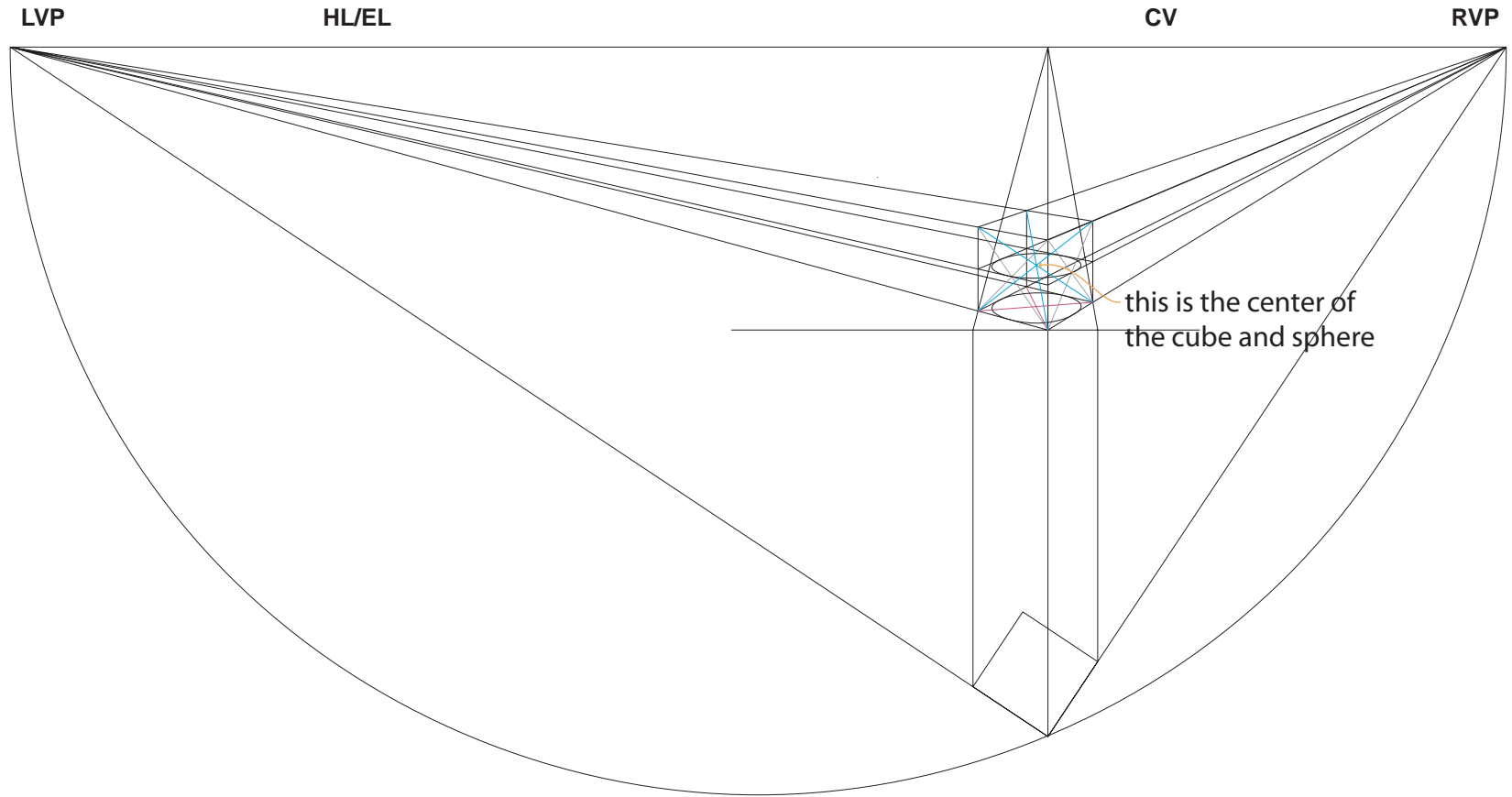
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NOTES:

step 5
sketch the
ellipse in the
base square in
perspective

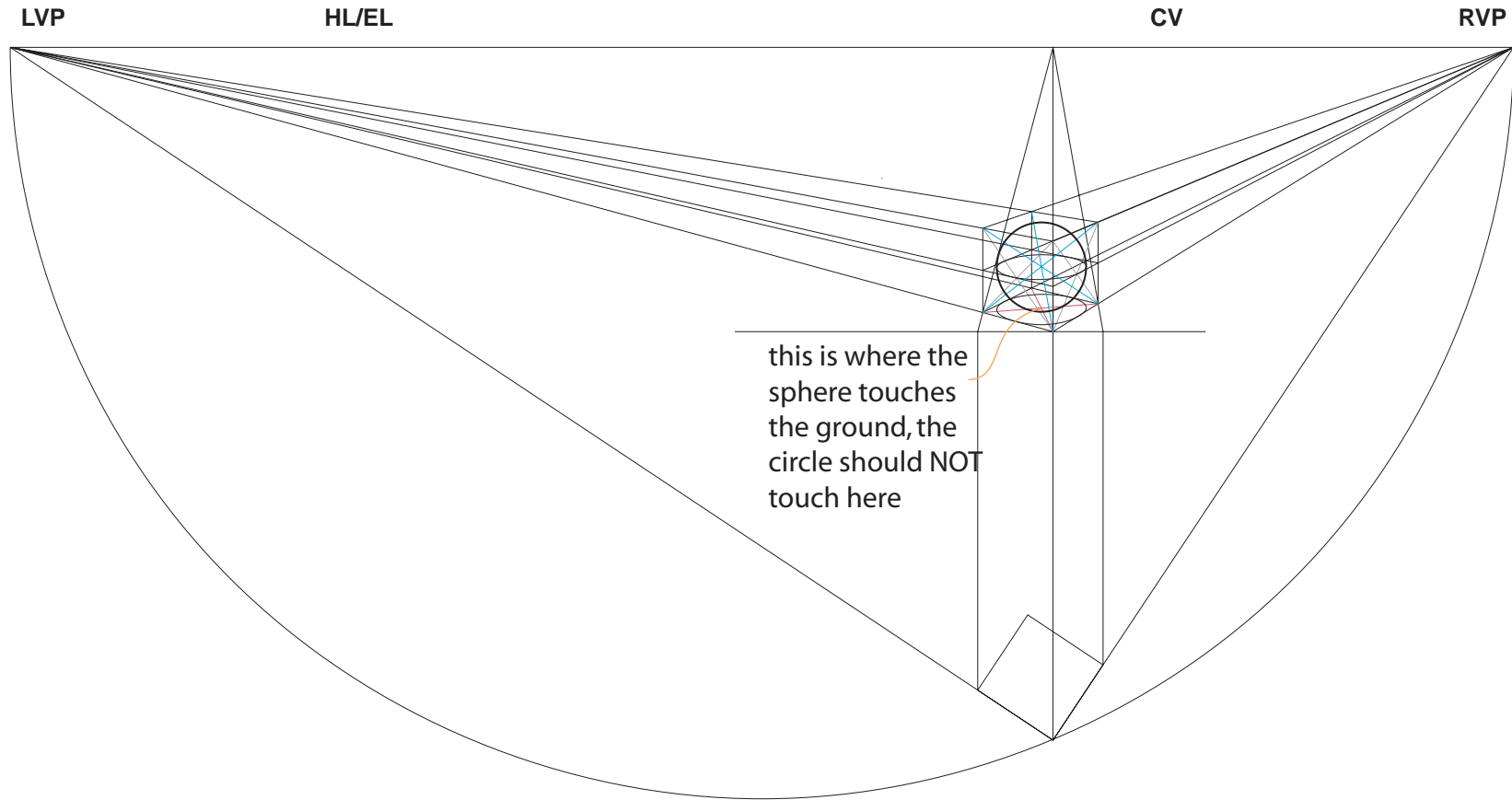
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NOTES:

step 6
Find the center of the cube by connecting all the corners together

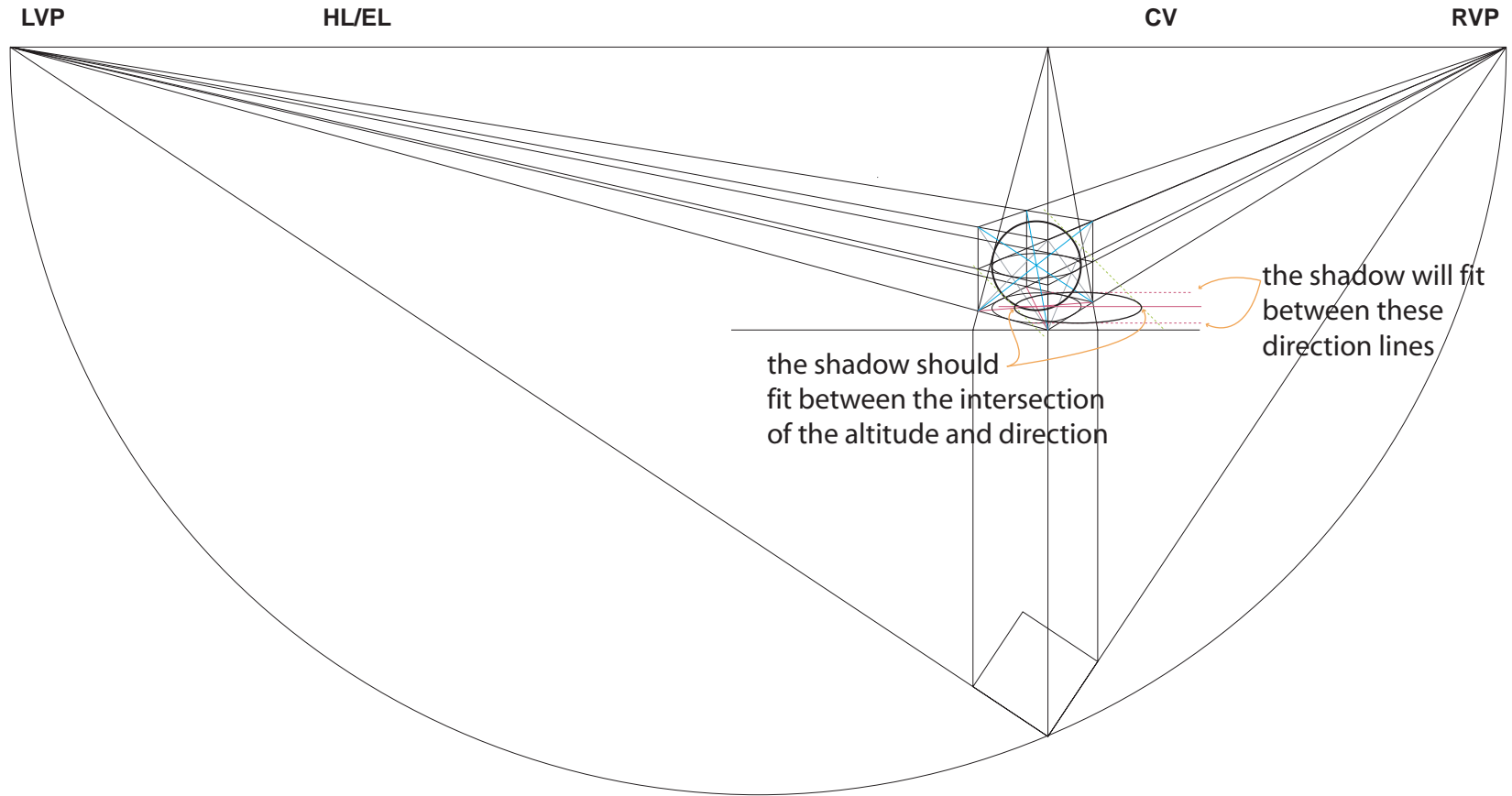
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NOTES:

step 7
Using the measure of the center ellipse that has been sketched, make a circle with the compass starting at the center of the cube

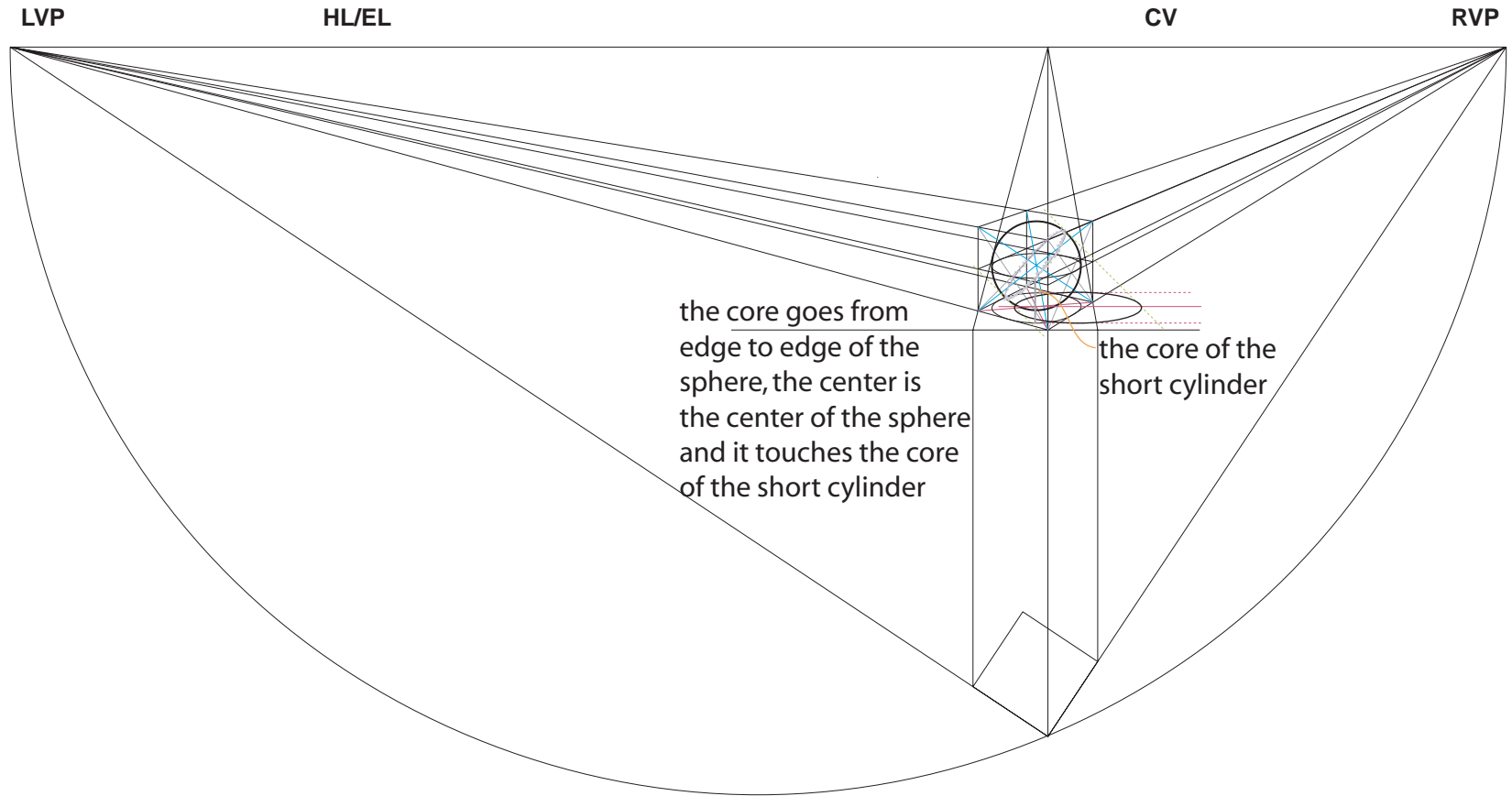
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NOTES:

step 10
Use these intersections to estimate the shadow.

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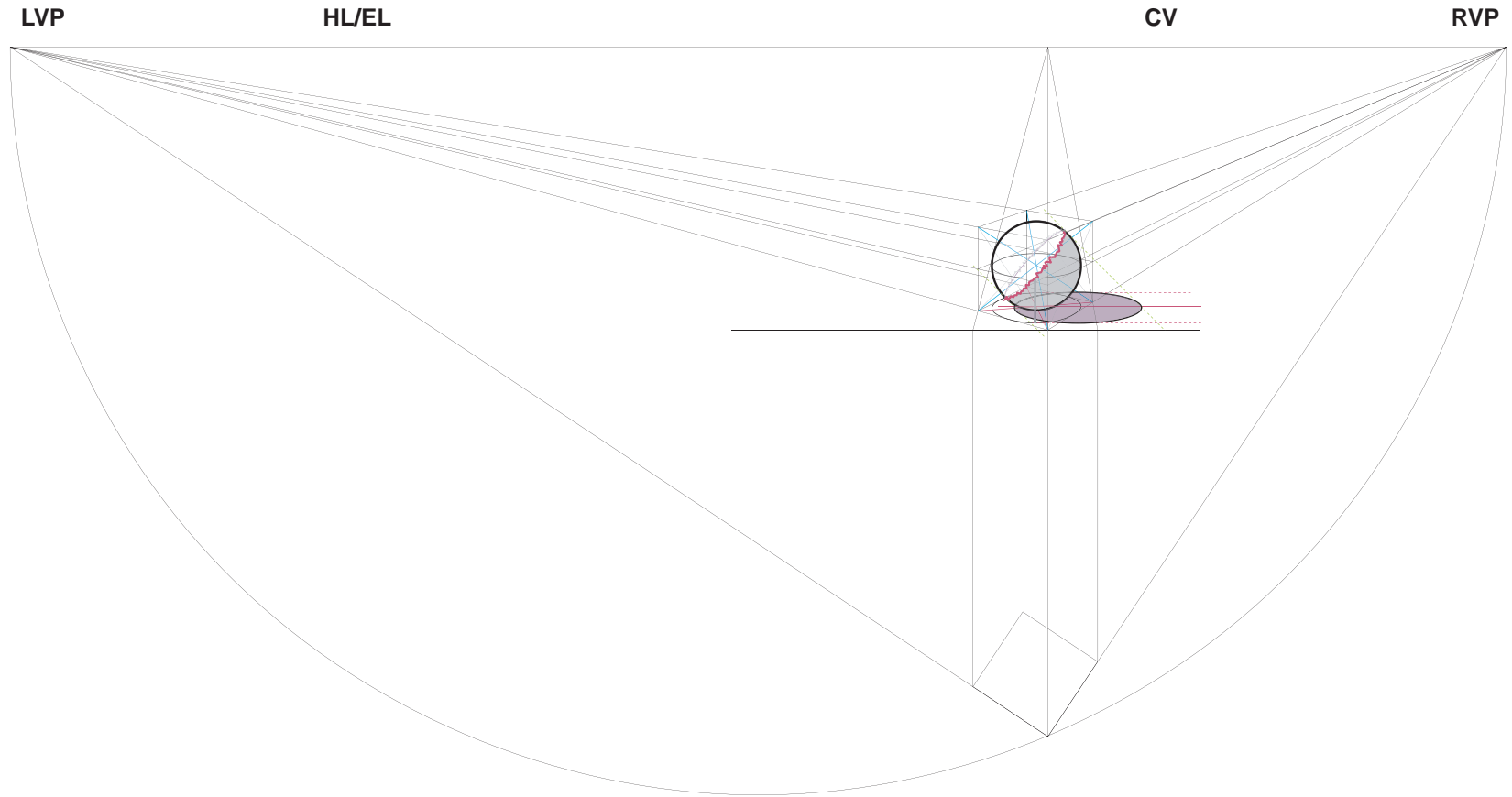
the core goes from
edge to edge of the
sphere, the center is
the center of the sphere
and it touches the core
of the short cylinder

the core of the
short cylinder

NOTES:

step 11
Find the core

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NOTES:

step 12
Here it is!