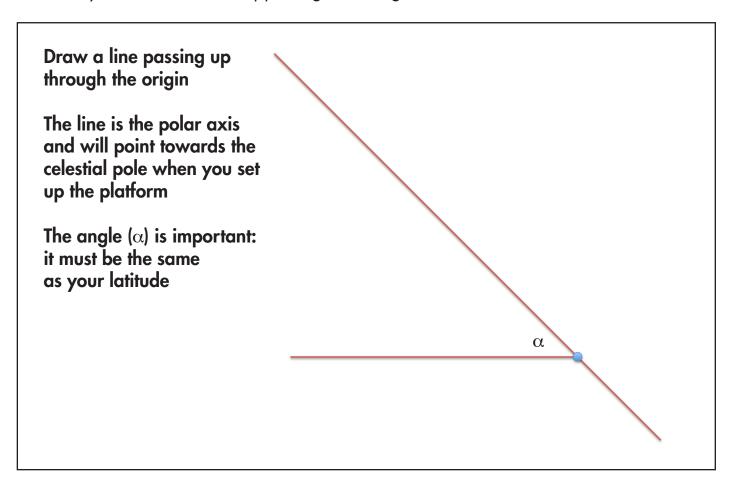
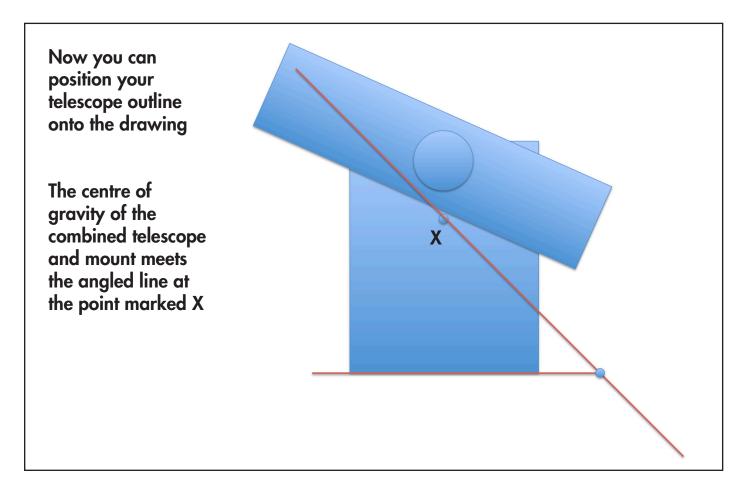
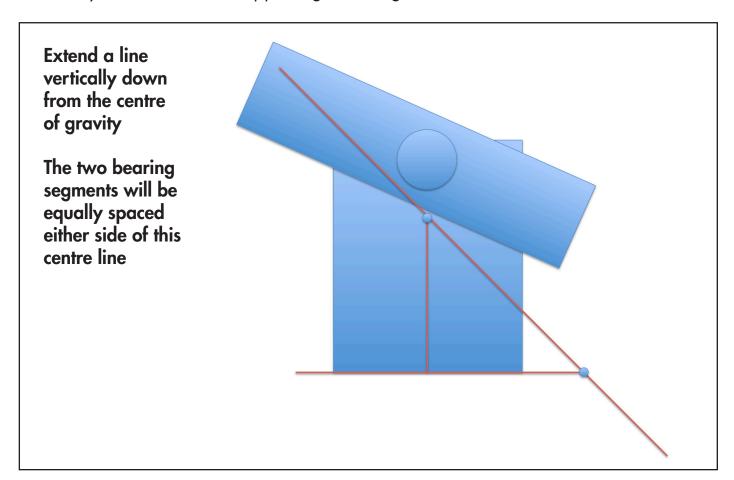
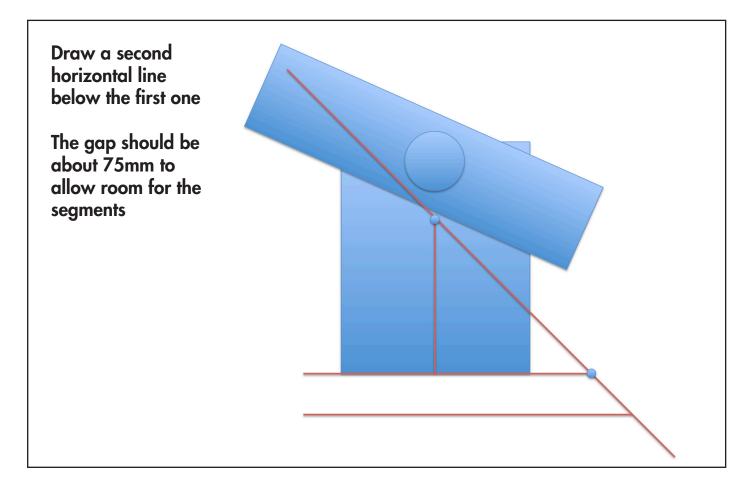
Start with a horizonta representing the botto your telescope on its i		

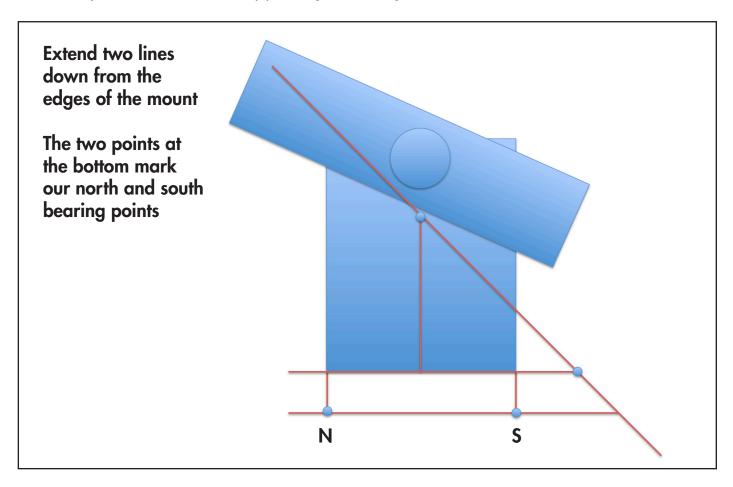
Create a point at one – we'll call this our or	end igin		

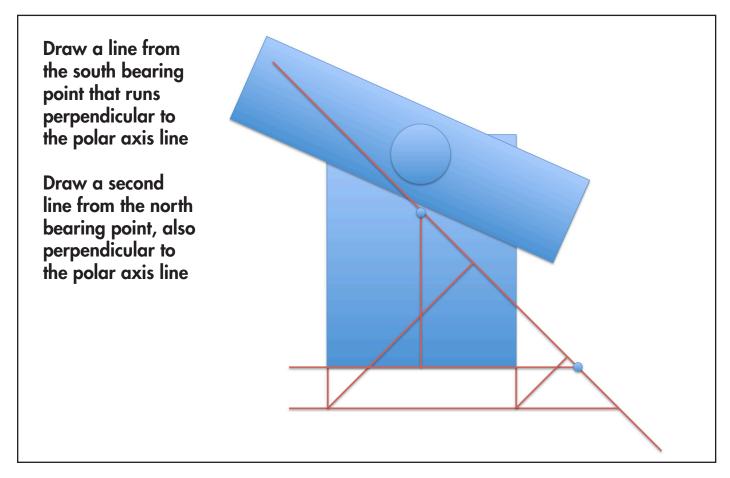








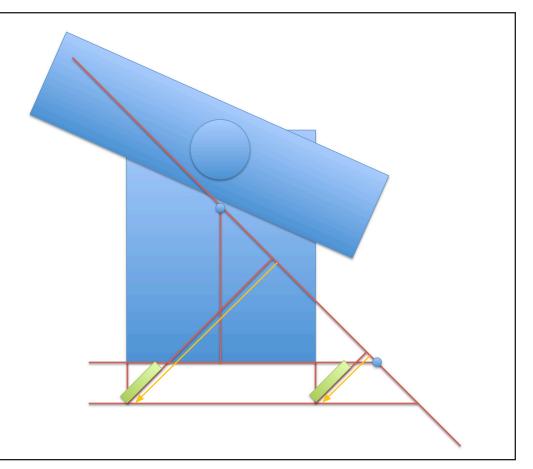




Geometry and calculatons supporting the design

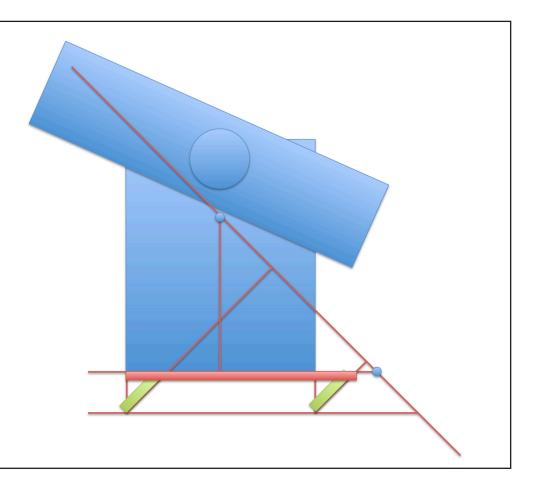
Now you can draw in your two bearing segments (shown in green)

The radii for these two segments are marked by the yellow arrows



Draw in your platform top surface

Make sure it supports the scope above and the bearing segments below (marked by the yellow arrow)

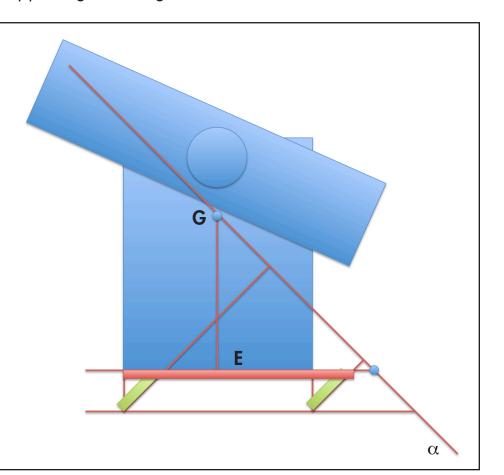


Geometry and calculatons supporting the design

If you know a few key measurements you can work out all the sizes or you can key them into our spreadsheet calculator

The figures you need are:

- Latitude angle (α)
- Height of the centre of gravity (G)
 Width of the
- Width of the base (E)



The radius for the north segment is marked by the yellow arrow

