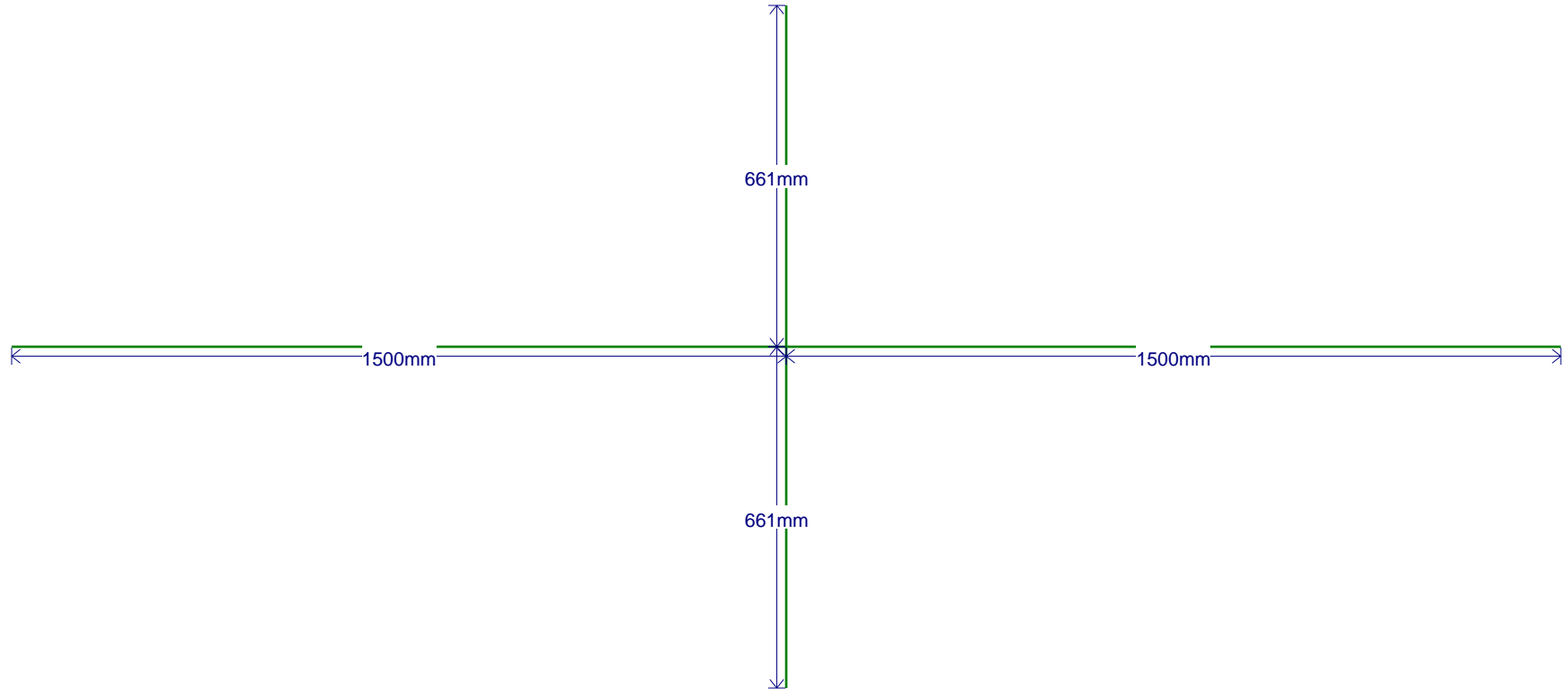


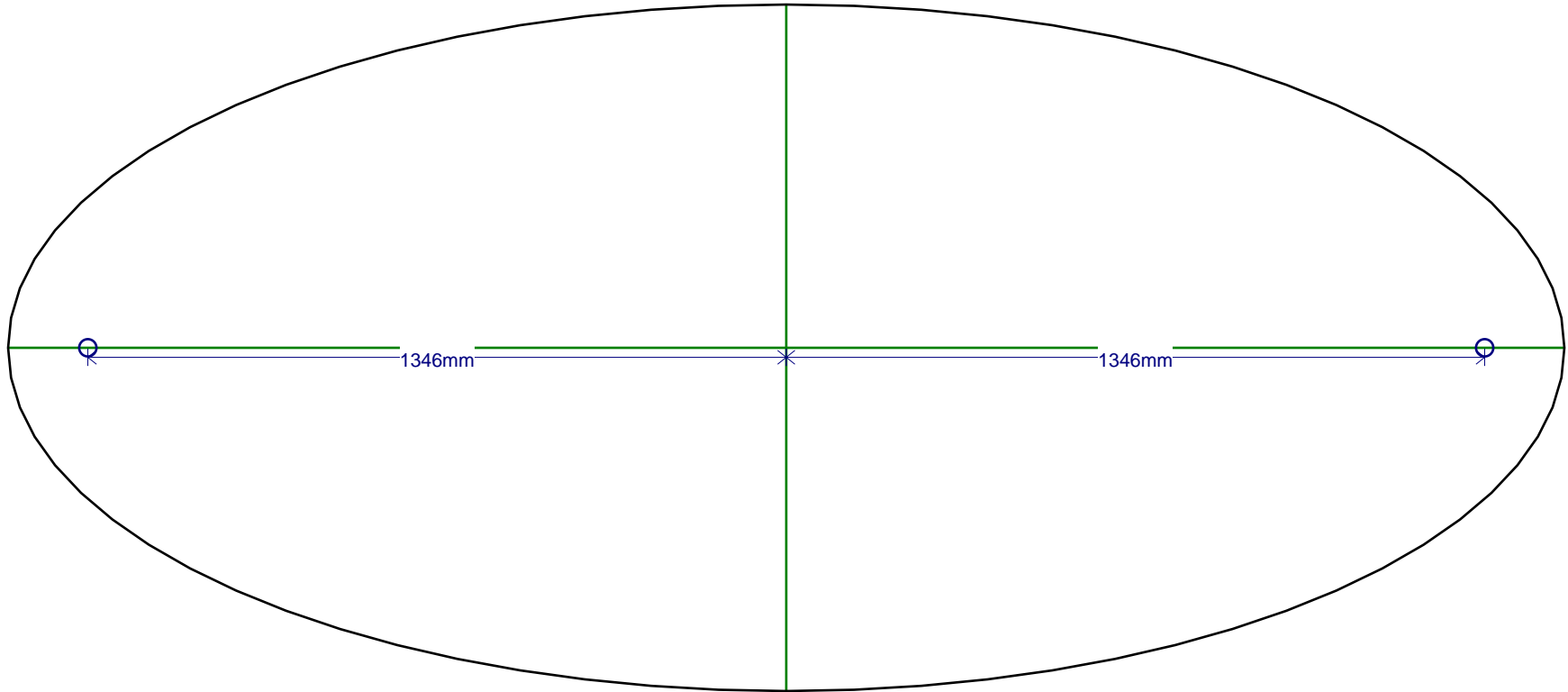
# Step 2: Draw the axes

Make sure to align the N arrow to true north (not magnetic)

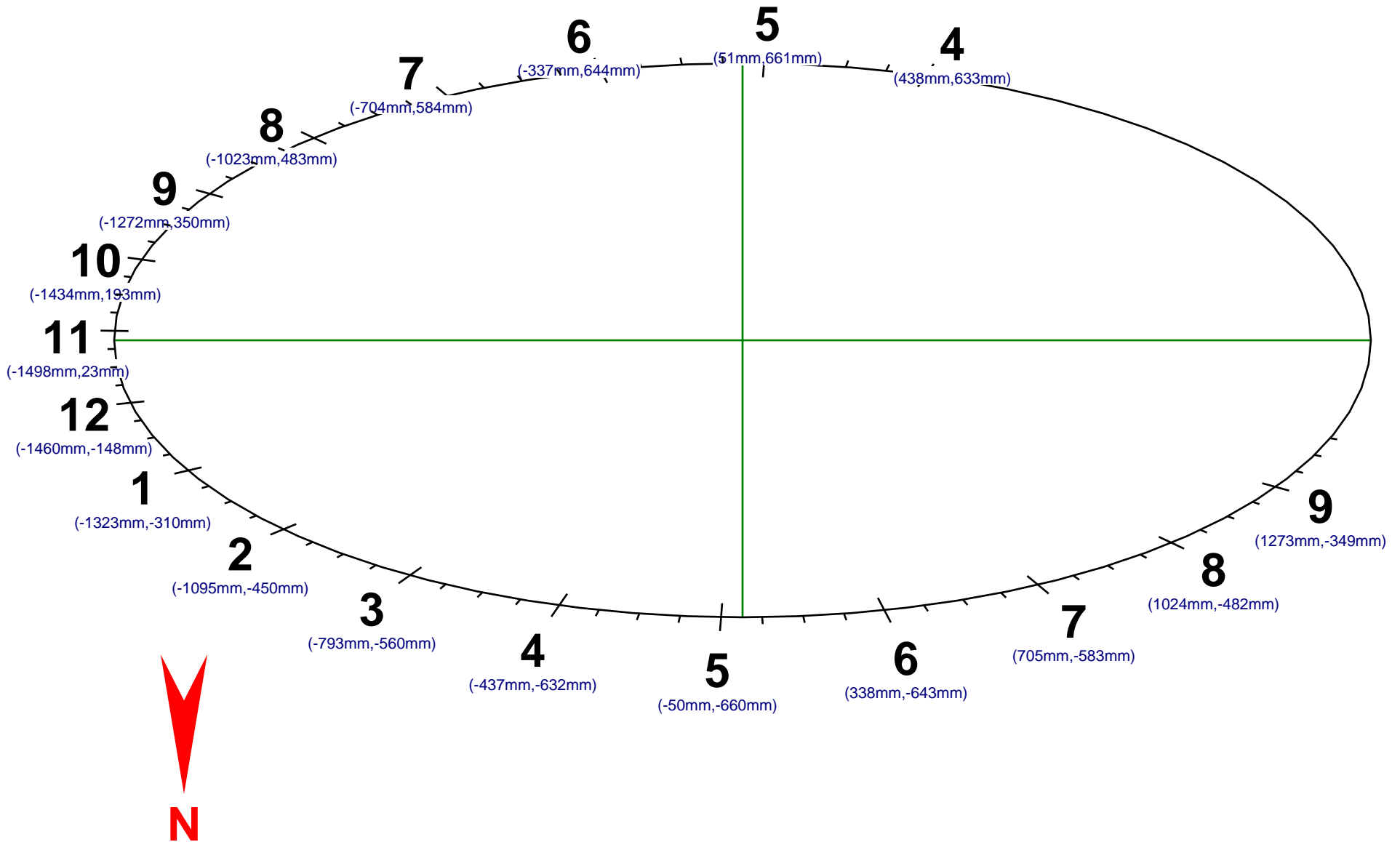


# Step 3: Draw the ellipse

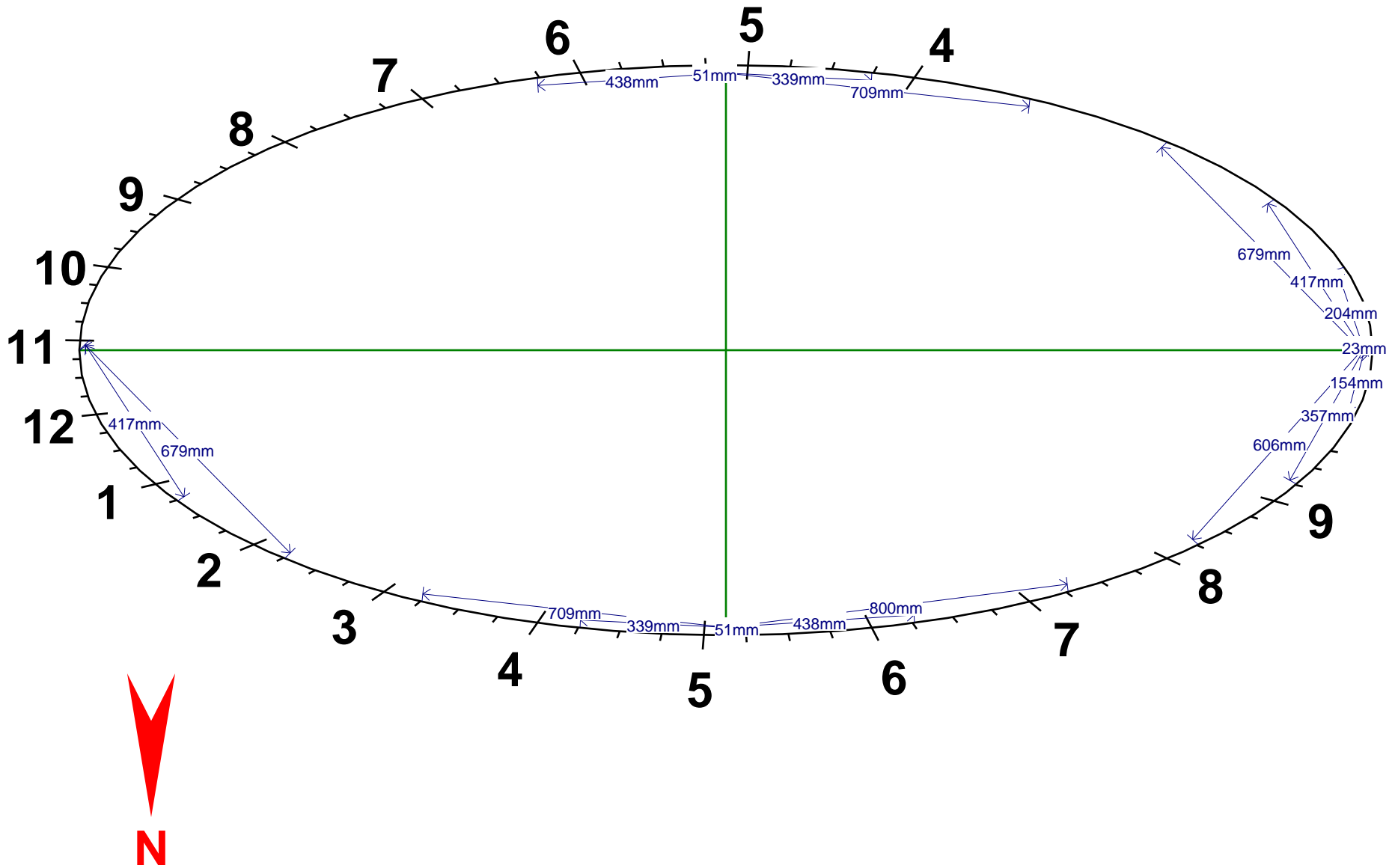
Use a loop of length 5693mm to draw ellipse.



# Step 4a: Draw the hour labels

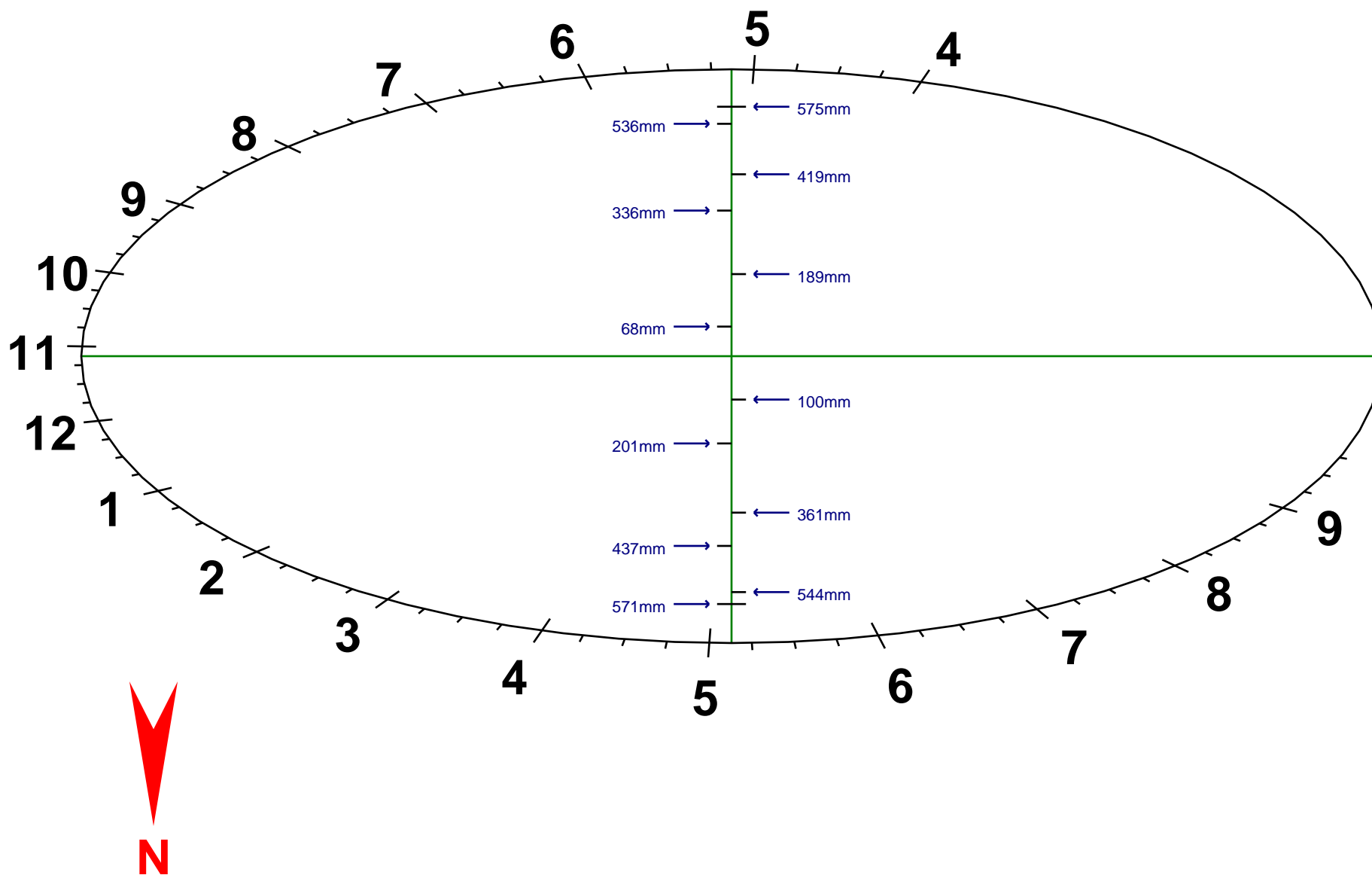


# Step 4b: Verify hour label distances

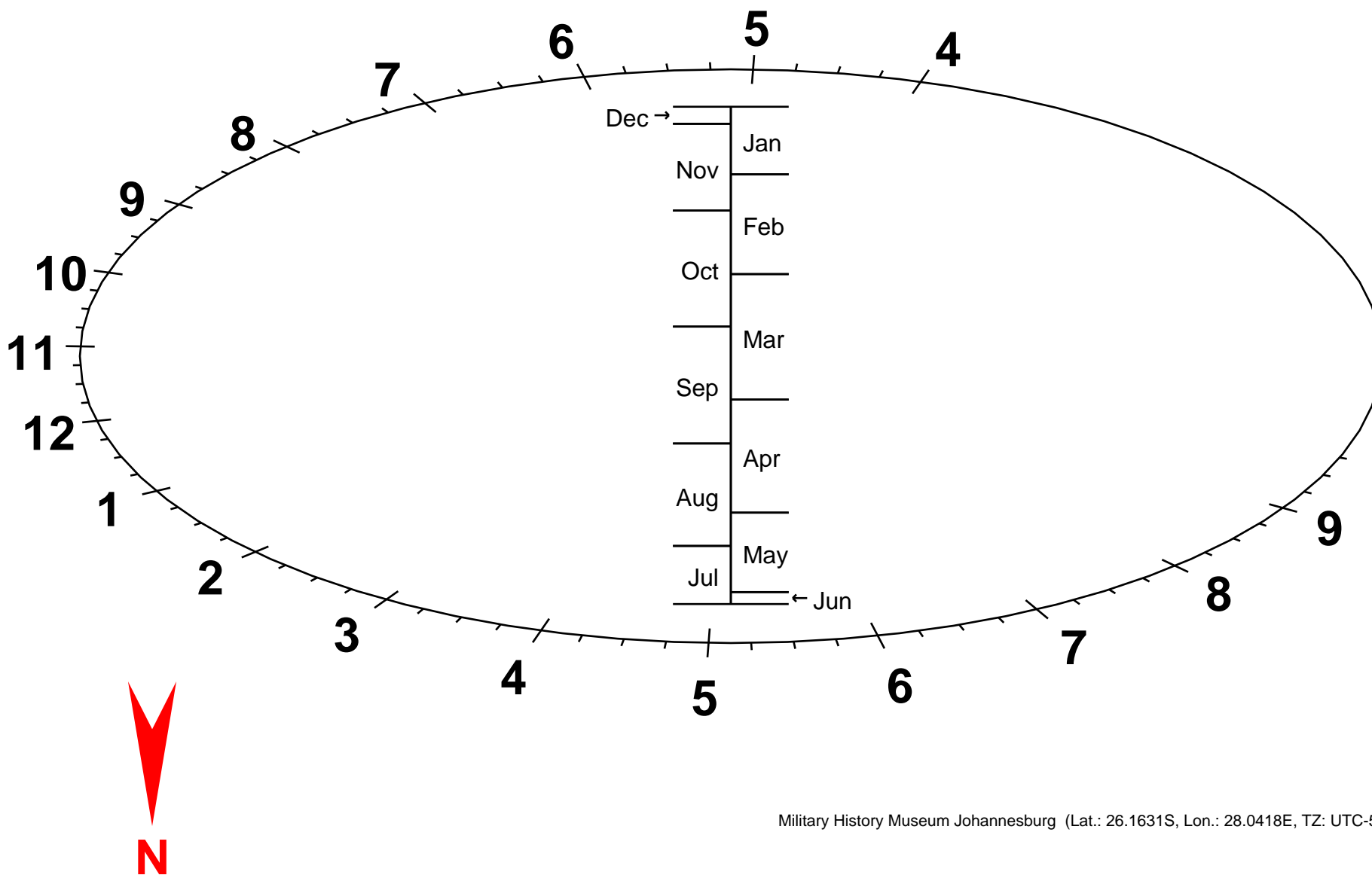


# Step 5: Draw monthly gnomon position tickmarks

Put the tickmarks at the indicated distances from the horizontal line.



# Step 6: Indicate monthly gnomon positions



**Correction (min.):**

Jan 1:	+4
Jan 15:	+9
Feb 1:	+14
Feb 15:	+15
Mar 1:	+13
Mar 15:	+10
Apr 1:	+4
Apr 15:	0
May 1:	-2
May 15:	-3
Jun 1:	-1
Jun 15:	0
Jul 1:	+4
Jul 15:	+6
Aug 1:	+6
Aug 15:	+4
Sep 1:	0
Sep 15:	-5
Oct 1:	-10
Oct 15:	-14
Nov 1:	-15
Nov 15:	-14
Dec 1:	-9
Dec 15:	-3