

# How This Drawing Was Created (or, How To Do Your Own)

Original lines ("standard" and Italian) were drawn in Fer de Vries' ZW2000, then exported as a DXF file, which was opened in DeltaCad 4. Figure 1 shows these lines truncated just beyond a border, whose proportions approximate letter-size paper. The horizontal line below the dial's center shows the gnomon's length, and the cross above the center locates the gnomon's foot.

Figure 2 shows the meridian line and a boundary circle for the hour lines, which now stop at that circle's edge.

Using DeltaCad's split line function, lines which cross the meridian are split. The right half of the dial is rotated clockwise around the dial's center an amount equal to the latitude, while the left half is rotated counterclockwise an equal amount. The gnomon foot location is still marked. Those parts of lines extending beyond the border have been erased. See figure 3.

Figure 4 shows unnecessary lines removed and the gnomon drawn. Dashed lines show where to cut.

The final step is to label the drawing and place text explaining assembly and installation. The result is the dial on the other side of this paper.

Questions? Contact Mac Oglesby at [oglesby@sover.net](mailto:oglesby@sover.net)

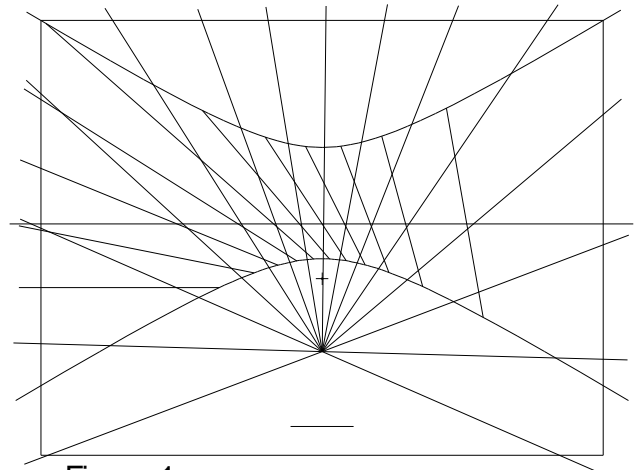


Figure 1

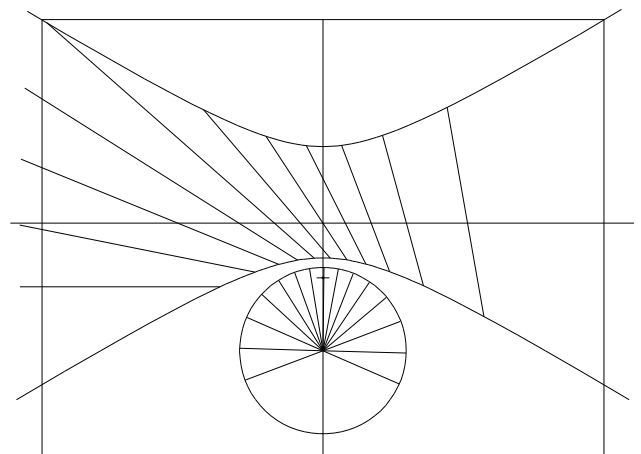


Figure 2

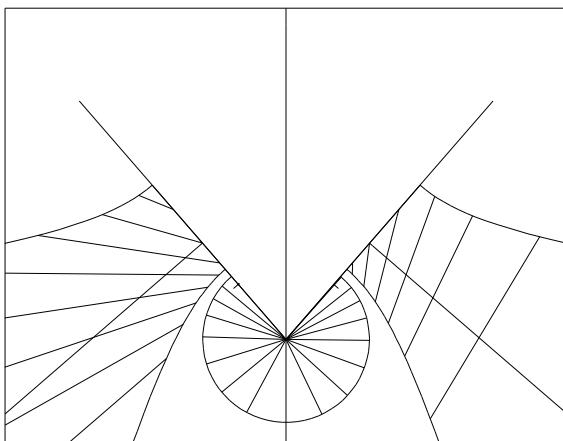


Figure 3

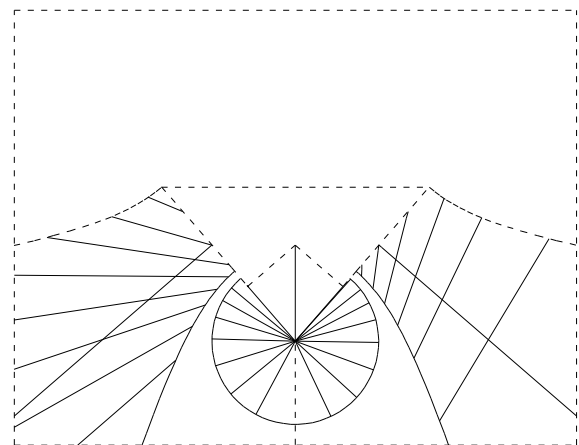


Figure 4