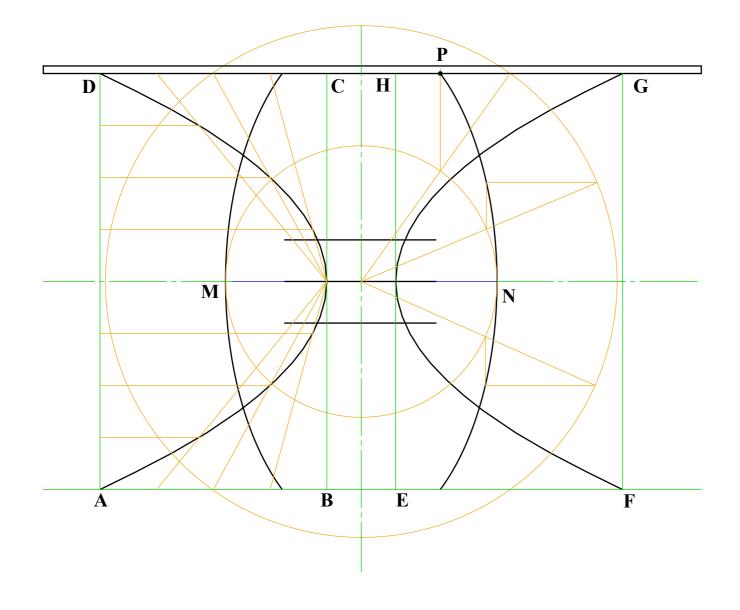
A photograph of a **Parabola Hall Table** designed by Nathan Hunter is shown. Two curly wood panels intersect steel **parabolas** to support a glass top. The curved panels are portions of an **ellipse**.

The incomplete **elevation** of the table is given below. The two **parabolas** are to be inscribed in the rectangles ABCD and EFGH, respectively. P is a point on the curve of the **ellipse** whose **minor axis** MN is drawn.

Complete the view of the hall table showing all construction lines.





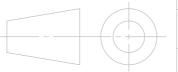


## **DESIGN & COMMUNICATION GRAPHICS**

TITLE:

SCALE: 1:1

## **CONIC SECTIONS 1**



DRAWN BY:

SIZE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm

DATE: 26/01/2009

SHEET 1 OF 1