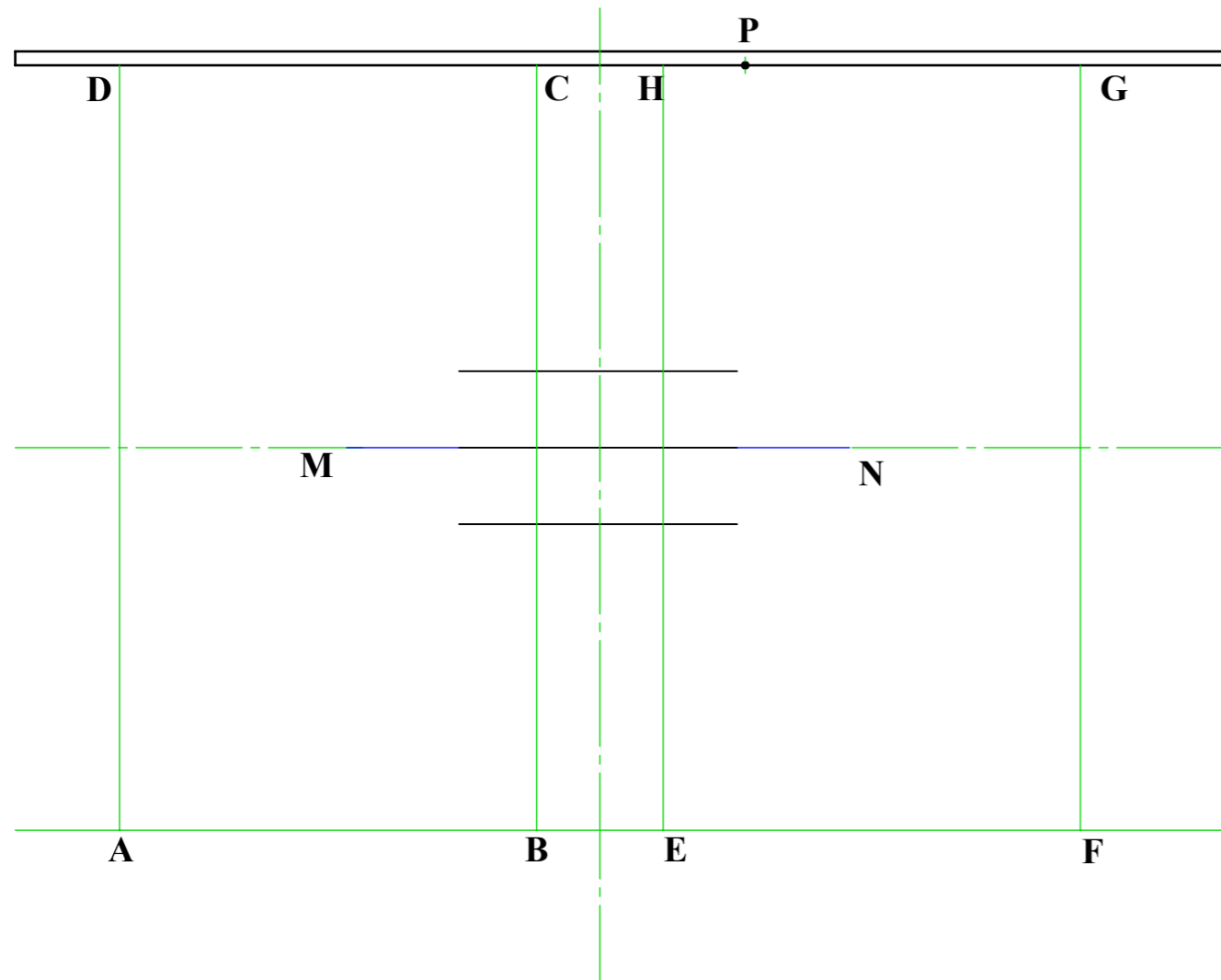A photograph of a **Parabola Hall Table** designed by Nathan Hunter is shown. Two curly wood panels intersect steel **parabolas** to support a glass top. The curved panels are portions of an **ellipse**.

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: **CONIC SECTIONS 1**

DRAWN BY:

SIZE A3

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm

SCALE: 1:1   DATE: 26/01/2009   SHEET 1 OF 1