Chapter 3

The next stage in the production of this font is now to use FFAE0003.TTF "Font for an exhibition 0003" as the working font and to produce a glyph for a small letter h. The font FFAE0002.TTF contains a display of the basic shape for h, based on the design for o, though that is only a temporary stage as the h is intended to be serifed. Including the glyph in FFAE0002.TTF does allow it to be included here.
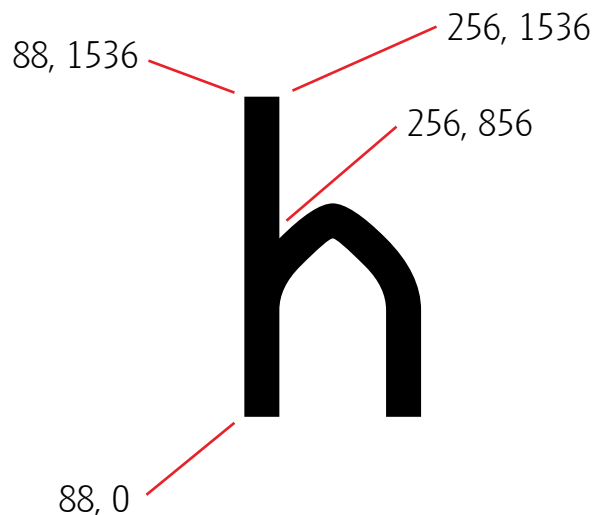
h

The intention is to add five serifs to the letter h: one at the top of the vertical line and two at the base of each of the verticals. The coordinates, in font units, of the points which produce the vertical at present are as follows.

88, 0 on the curve

88, 1536 on the curve

256, 1536 on the curve

256, 856 on the curve

I now proceed to design the serif.

The design of the serif is as follows.

88, 0 on the curve, as before.

88, 1368 on the curve, being 88, 1512 - 3 x (88 - 40). This is the third change made.

88, 1416 off the curve, being 88 - 2 x (88 - 40). This is the fifth change made.

40, 1464 on the curve, being 40, 1512 - (88 - 40). This is the fourth change made.

40, 1512 on the curve, being 40, 1536 - ((88 - 40)/2), formed by moving the original point which was at 88, 1536. This is the second change made.

256, 1620 on the curve, being 256, 1536 + 168/2, formed by moving the original point which was at 256, 1536. This is the first change made.
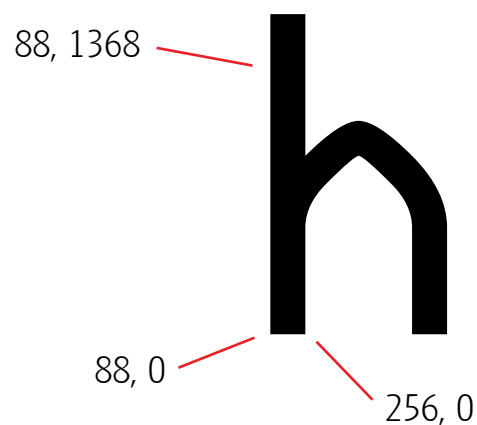
256, 856 on the curve, as before.

The four other serifs are constructed. The part of the contour where the first additional serif is to be located has the following coordinates at present. Please note that the diagram shows the original design of the h without the addition of the serif which has already been added.

256, 0 on the curve.

88, 0 on the curve.

88, 1368 on the curve.

The design for the serif is as follows.

256, 0 on the curve, as before.

40, 0 on the curve, by moving the point which was originally at 88,0. This is the first change made.

40, 48 on the curve, being 40, 0 + (88 - 40). This is the second change made.

88, 96 off the curve, being 88, 0 + 2 x (88 - 40). This is the third change made.

88, 144 on the curve, being 88, 3 x (88 - 40). This is the fourth change made.

88, 1368 on the curve, as before.

The part of the contour where the next serif is to be located has the following coordinates at present.

256, 512 on the curve.

256, 0 on the curve.

40, 0 on the curve.

The serif has the following coordinates, produced as a mirror image of the previous serif.

256, 512 on the curve, as before.

256, 144 on the curve.

256, 96 off the curve.

304, 48 on the curve.

304, 0 on the curve, being 256 + 48, 0 by moving the point which was at 256, 0.

40, 0 on the curve, as before.

The other two serifs are now constructed as a pair, copying the shapes of the two previous serifs.

The present coordinates are as follows.

936, 512 on the curve.

936, 0 on the curve.

768, 0 on the curve.

768, 512 on the curve.

The two serifs have the following coordinates.

936, 512 on the curve, as before.

936, 144 on the curve.

936, 96 off the curve.

984, 48 on the curve.

984, 0 on the curve, being 936 + 48, 0 by moving the point previously at 936, 0.

720, 0 on the curve, being 768 - 48, 0 by moving the point previously at 768, 0.

720, 48 on the curve.

768, 96 off the curve.

768, 144 on the curve.

768, 512 on the curve, as before.

The design for the h is now complete.

h

Here is a larger illustration, in colour.

h