

## **Method for New Rotunda Railing**

The new railings at the Rotunda in the Alameda Gardens will be fixed by using the existing 25mm solid square bars that are fixed into the concrete curbstones. They will be cut off leaving 25mm protruding above ground and chamfered. Each new railing section will have a 25mm solid square bar welded to its underside. These will be aligned with the originals on site and also chamfered. They will then be fully welded together using an 8mm fillet weld, with a total gap of 50mm between the curbstone and the underside of the railings.

Each section will have an approximately 2cm gap between the next section and will be welded together using the same 40 x 20 galvanized box section that make up the horizontals. The joints will have ornamental acorns welded on top in order to achieve the desired finish.