

Method Statement

Fitting a **square** bronze plaque into a 'cut-out' hole in the floor (if it's not possible to cut right through a paving slab) using a 105mm diameter stone cutting disc.

Using a prepared template of the required size, aligning to any slab edges that might be available, and allowing for a 6mm gap 'all around', cut a square hole deep enough to accommodate the thickness of the bronze plaques, using a standard 4" (110mm dia) diamond disc stone cutter taking care to make clean corners. Cross-cut strips within the square to a depth to accommodate the thickness of the bronze plaques, chisel out the spoil and dressing any rough areas so that the bronze sits flush with the surrounding surface. It's a good idea to create 4 flatter areas at the bottom of the hole which may later be used for shims to set the height of the plaque flush against the top surrounding surface, before final fixing. Clear away spoil and clean out the hole.

Once cleaned out and the plaques 'fit' assessed, drill 12mm holes using the template for position, ensuring correct alignment/orientation, then open up the top of the holes to accommodate the cast bosses, clean out holes and check for fit. Remove any spoil generated if adjustments are made. The top level of the plaque should be set flush against the surrounding surface using shims if necessary. (Use thin straps to lift the bronze in and out of the hole during this process).

After ensuring all is as it should be, the plaque should be removed and the shims fixed in position. The holes will then be filled with rapid setting polyester resin and spots of the same laid in corners and strategic points over the area of the plaque, avoiding the shims, to fill any gaps and ensure a good solid feel underfoot. Ensure that the gap between the hole and plaque is similar all round for pointing.

With some protective masking fixed to the bronze, the gap around the plaque should be sealed/'pointed' with a flexible sealant of appropriate colour and carefully finished.

Clean down as required and remove all spoil.



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DRAWING: NOT TO SCALE

