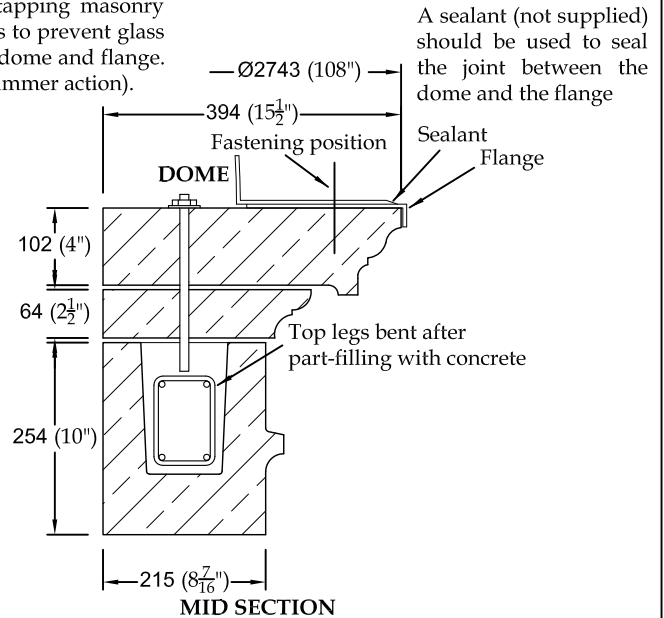
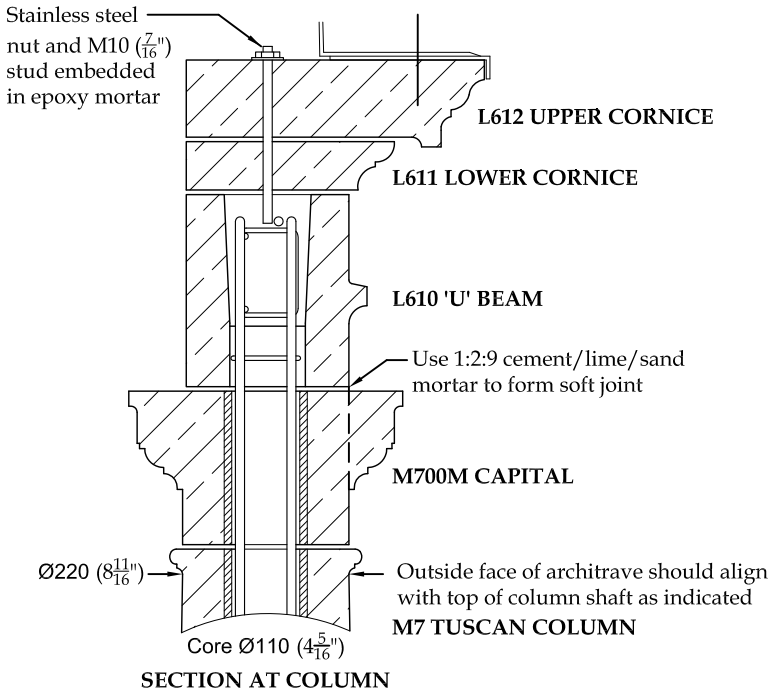


SMALL CLASSICAL TEMPLES L9250 & L9200 DETAIL

DOMES INSTALLATION

Drill holes through the dome and flange into the stonework, in the position shown, at 300mm (12") centres around the circumference. Secure dome to stonework using suitable self-tapping masonry screws, or alternatively using plug and wood screws, with stainless steel flat washers to prevent glass fibre tear. A sealant (not supplied) should then be used to seal the joint between the dome and flange. When drilling stonework, use a suitable masonry drill on a rotary setting only (not hammer action).

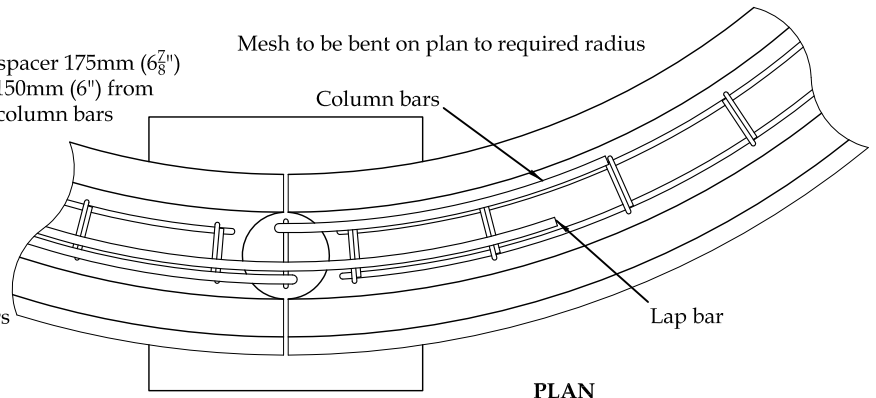
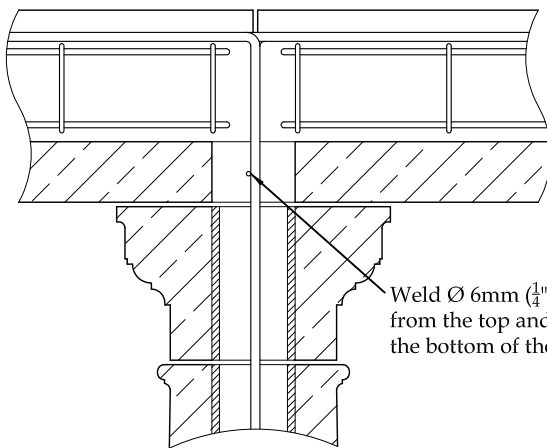


CONCRETE RECOMMENDATIONS

- 1) Use Ø 10mm ($\frac{3}{8}$) rounded gravel aggregate
- 2) Concrete to have a minimum strength of 25 MPa [N/mm²] (3500 psi) at 28 days
- 3) Concrete to be hand compacted
- 4) Top surface to be protected against frost damage and the ingress of water at the in situ concrete interface

ARCHITRAVE BEAM REINFORCEMENT RECOMMENDATIONS

- 1) Mesh reference number B385 (BS4483) to be curtailed at column bars and cut to 1030mm ($40\frac{9}{16}$) length - 12 Units required
- 2) Bottom legs to be bent at 90° and tied before being positioned centrally in recess
- 3) Bend top legs [50mm ($1\frac{5}{16}$) long] down after part-filling with concrete
- 4) Lap bar 1 No to be Ø 12mm ($\frac{1}{2}$) high yield and 900mm ($35\frac{7}{16}$) long in top surface
- 5) Top cover to be 40mm ($1\frac{9}{16}$) to mesh



COLUMN REINFORCEMENT RECOMMENDATIONS

- 1) Minimum reinforcement 2 No Ø 12mm ($\frac{1}{2}$) high yield bars
- 2) Top leg to be a bond length - 600mm ($23\frac{5}{8}$)
- 3) Bars to be positioned outside top cage
- 4) Top cover to be 25mm (1")
- 5) Column core reinforced and filled with hand compacted concrete. The shaft sections should be lined with polystyrene, styrofoam, or similar (not supplied), to act as an isolating medium when column cores are infilled with concrete.

Read in conjunction with Tech Sheet T14, T30 and CAD1

All dimensions exclude joints - allow 6mm ($\frac{1}{4}$) for vertical and bedding joints
Unless otherwise stated, all materials other than stonework to be supplied by others