

Part elevation and detailed section
through gallery external wall and
parapet

Scale 1:20

- 1 roof build-up: 50mm white spar chippings, base layer bonded to asphalt; 20mm 2-coat mastic asphalt on sheathing felt on two separating papers; tapered Foamglas cellular glass boards (min. thickness 60 mm) bedded in and coated with hot bitumen
- 2 reinforced concrete structural frame with 150mm parapet upstand; asphalt with solar reflective paint finish
- 3 code 5 lead parapet flashing
- 4 stainless steel retaining ties: 38/17 x 150mm ss Halfen channel; 200mm dovetail flat tie with fishtailed wall restraint
- 5 Portland stone coping, profiled to match existing Tate Gallery
- 6 Portland stone cornice, profiled to match existing Tate Gallery
- 7 75mm thick Portland stone frieze
- 8 275mm thick Portland stone architrave, profiled to match existing Tate Gallery
- 9 pitch polymer flashing: 25 x 25mm rebate in concrete to receive aluminium channel; flashing fixed to concrete with plugs and screws
- 10 100 x 50mm stainless steel channel as head restraint for 115mm blockwork inner leaf; 150mm lengths bolted to concrete soffit at 1m intervals
- 11 150mm thick Portland stone vertical band course built into brickwork
- 12 215mm thick brickwork backing to 20mm thick colour render finish; 50mm cavity; 115mm Celcon Solar blockwork inner leaf; 150mm wide stainless steel expanded metal lath joint reinforcement with 60 x 30 x 2.5mm ss edging strip plugged and screwed into brickwork
- 13 150mm thick Portland stone horizontal band course; 100mm brickwork backing
- 14 275mm thick facing brickwork laid in English bond
- 15 75mm thick Portland stone horizontal band course; 175mm brickwork backing

