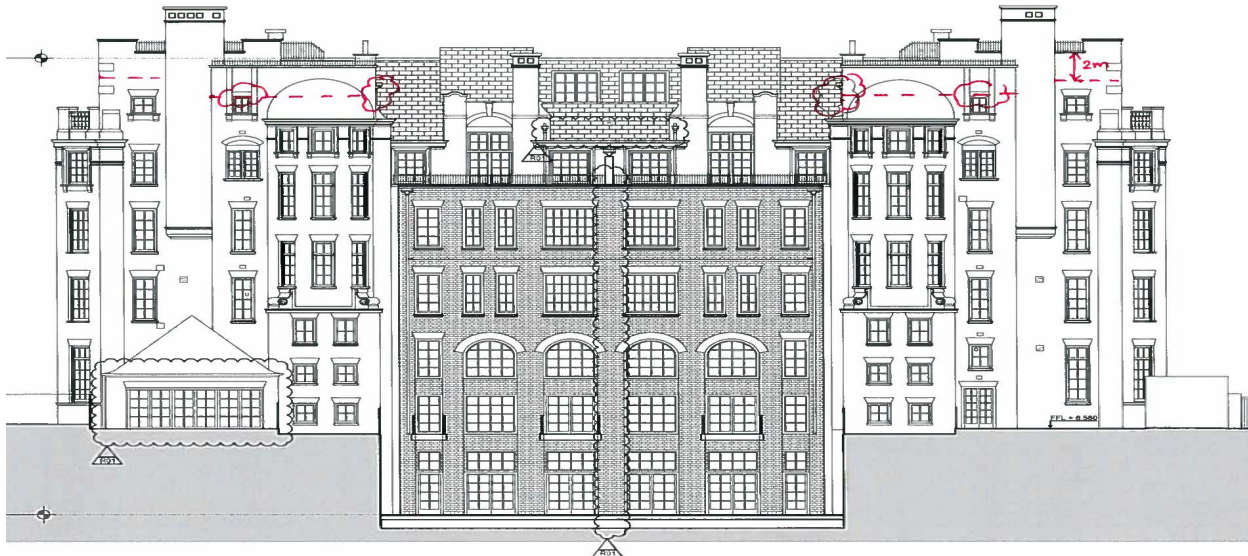
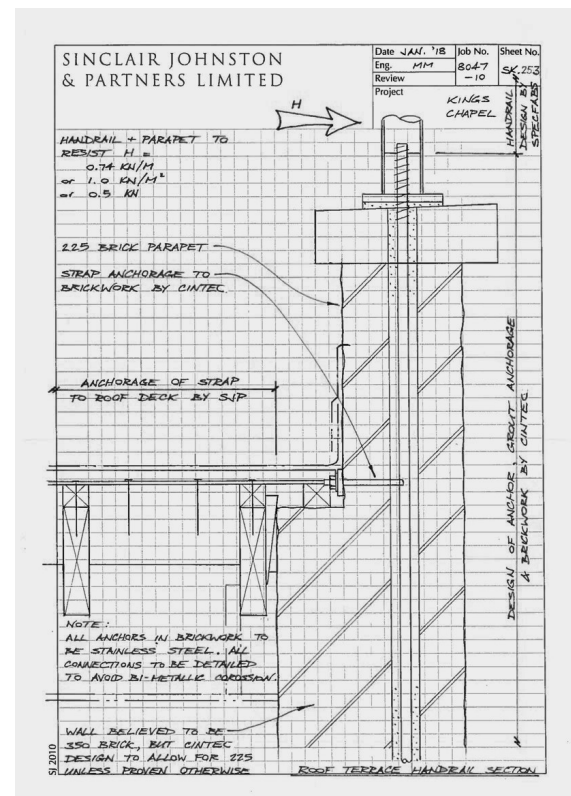
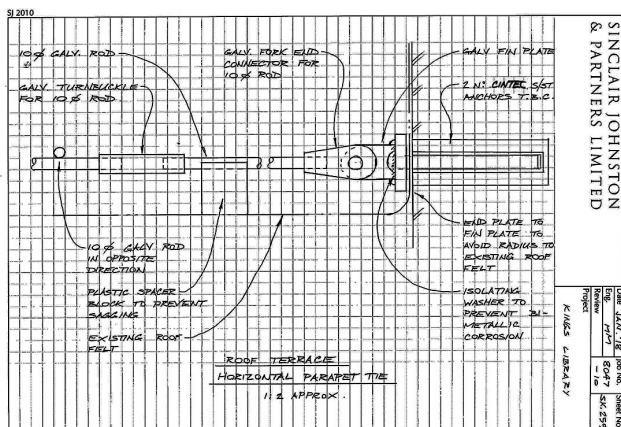


KING'S LIBRARY DEVELOPMENT, CHELSEA, LONDON



The King's Library is a residential development in Hortensia Road, Chelsea, London SW10. Completed in 2018. The former Sloane School building of Edwardian Baroque design is Grade II listed and was built in 1908. The scheme provided apartments, duplexes and a penthouse.

As the penthouse includes a roof terrace the existing parapet walls required a handrail to increase the height for safety purposes and needed to resist specified horizontal forces.



As the existing parapet was not sufficiently robust to resist the forces created by the intended safety handrail the problem was overcome by clever use of the Cintec stud anchor.

Structural engineers Sinclair Johnson used the anchors inserted vertically through the parapet wall into the brickwork of the external wall to resist the overturning moment. Additional ties were used to secure the parapet for lateral resistance with a tie bar at roof level and Cintec anchors horizontally into the parapet wall.