

Quadrangle Building, King's College London

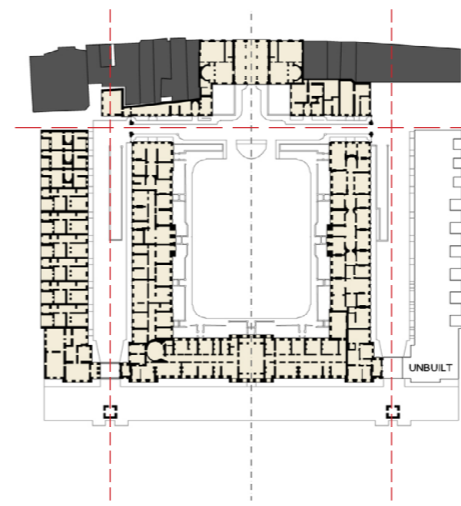
Hall McKnight

Category A - Built Heritage - 06A001196

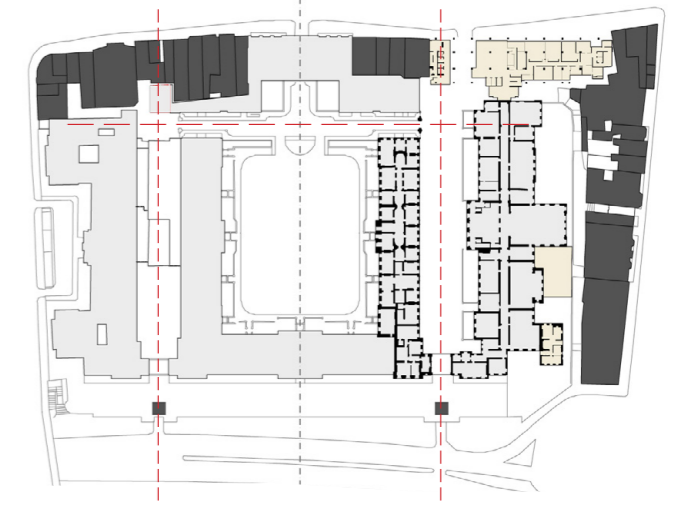


Quadrangle deck in use - looking towards the Embankment Archway with the King's Building and new lightwell structures on the left and Somerset House East Wing on the right

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18th Century
1775-1801 Sir William Chambers, New Somerset House



19th Century
1829 Sir Robert Smirke King's College on the East site
1849 James Pennethorne Extension and remodeling of Admiralty Residences on the West site
1870 Victoria Embankment



Photograph of existing deck



Photograph of forming of concrete lightwell structures



Precast concrete to lightwells being installed



Photograph of glazing to north lightwell installation

The Quadrangle Project brings a building that occupies an unusual, constrained space back into use as a new engineering department. Situated entirely within a Grade I listed site within the Strand Conservation Area, the roof of the building forms the Quadrangle of the founding campus of King's College. The Quadrangle provides access to 4 buildings including The King's Building and the east Wing of Somerset House, a context requiring high quality, thoughtful design. The thermal upgrade was technically demanding, given the need to maintain existing levels to this roof-Quadrangle condition. The design of the Quadrangle re-establishes the 'lost' axis of the original plan for the site by Sir William Chambers.

At a detail design level, we engaged with the fabric at a very precise degree to integrate new installations that facilitate long-term flexible use of a fragile post-war structure.



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Completed Quad deck with Oculus rooflight in the foreground