

01  
Description

This design proposal is for a side extension to a detached Victorian dwelling within the Kidbrooke Grove area, London.

The design proposal aims to compliment the largely altered existing house, constructed as a coach house in 1887, whilst respecting the privacy of the neighbouring dwellings. The extension will also improve the accessibility of the building providing living accommodation guided by the standards for designing Lifetime Homes. With improved insulation to facades and roofs, efficient glazing and energy systems designed for future adaptation to improve ratings in the code for sustainable homes, the proposed extension aims to ensure it is a valuable addition to the built environment.

The design should ensure that the proposed extension fits more comfortably into its site creating a home space for a family member requiring round the clock care.

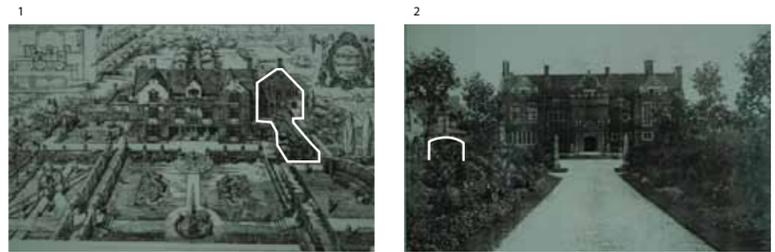
02  
Scale & Massing

Number 44 Kidbrooke Grove is a high two storey building, sited at the bend in the original coach access drive. The main characteristics of the building are its arched lower floor, and large well proportioned windows.

The proposed development involves a partial restoration of the house, rediscovering its architectural qualities. Through this gesture the simplicity and formal nature of the design will be retained.

// The design looks towards the 'Conservatory' and 'Orangery' typology of historic architecture, adopting the combination of massive masonry and light glass facades. //

The form of the proposed extension borrows its geometry from the existing house. The open bays of the coach house parking use an elliptical arch profile, represented in the arch of the glazed facade to the extension.

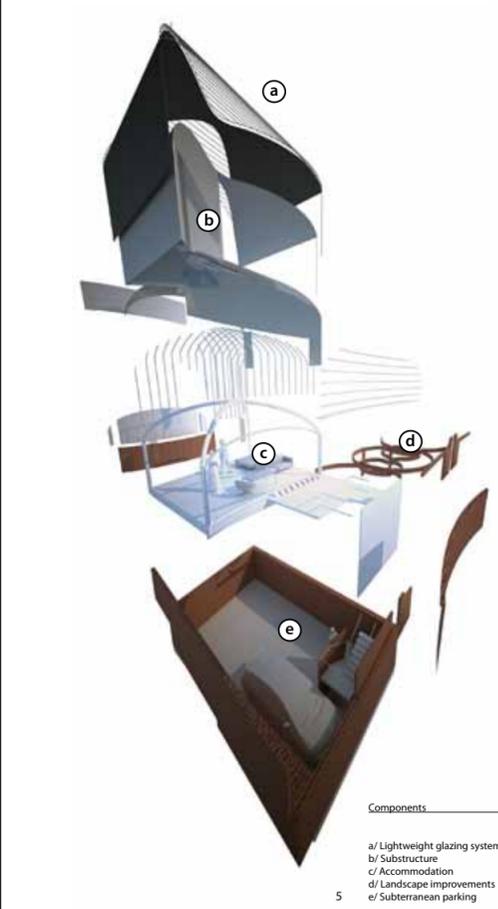


- Illustrations
- 1/ House with original conservatory, shown in 1887
  - 2/ Geometry of original arch in west facing wing of 1887 building
  - 3/ Geometry of original represented in gable end and carriage bay
  - 4/ Geometrical application

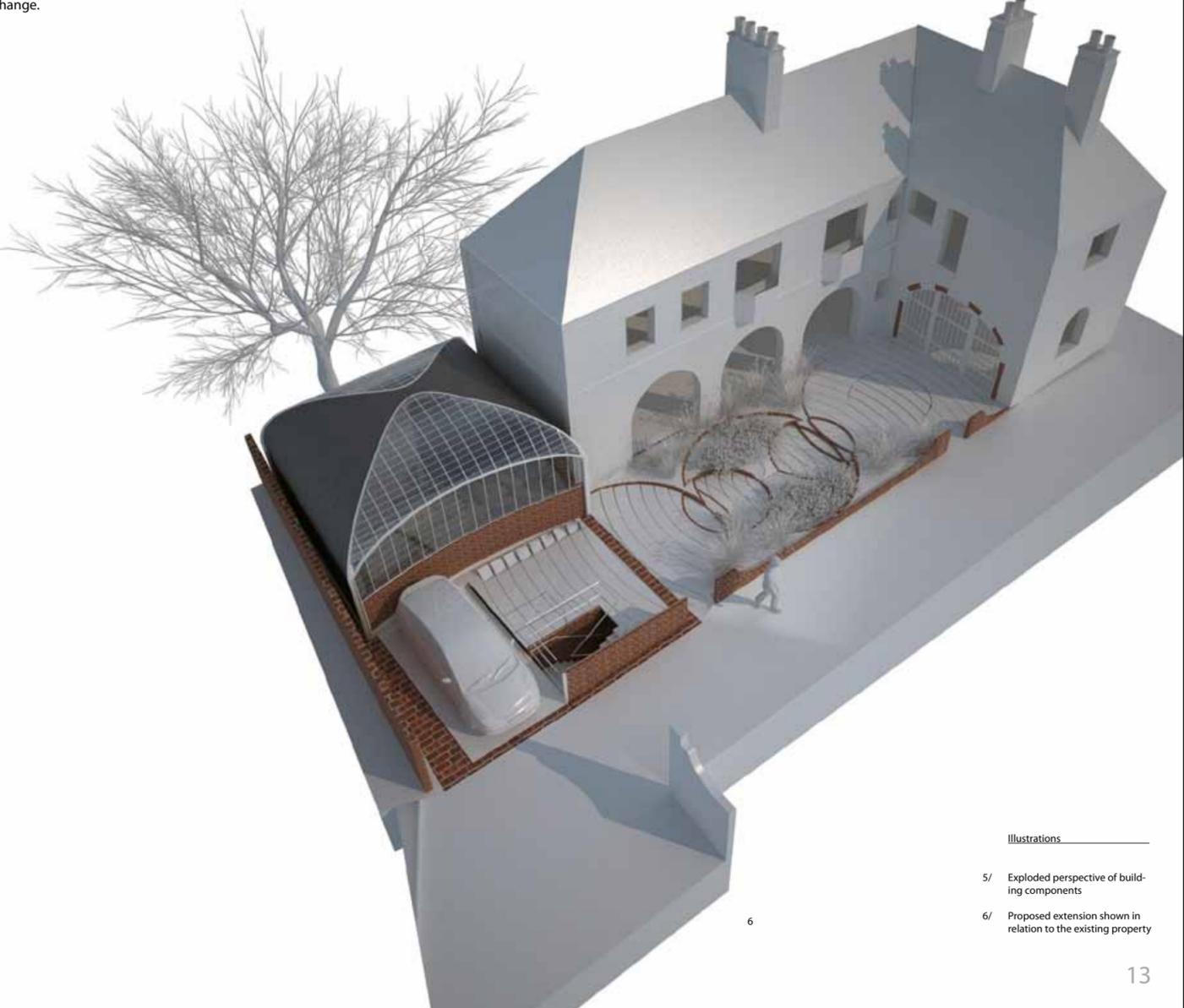
03  
Local Context

The Kidbrooke Grove Area, part of the Blackheath Conservation Area, has a rich mixture of domestic architecture. Each era of development is represented in a unique sub-urban environment. From the historic architecture of Morden College opened 1700 to the notable Morden Grange.

40 Kidbrooke Grove is no exception, being an excellently executed late Victorian coach house. The proportions of which follow a rigorous geometry, dictated by the main house, Morden Grange, designed by Sir John Belcher (A former RIBA President and RIBA gold medalist) for the former chief executive of the London Stock Exchange.



- Components
- a/ Lightweight glazing system
  - b/ Substructure
  - c/ Accommodation
  - d/ Landscape improvements
  - e/ Subterranean parking



- Illustrations
- 5/ Exploded perspective of building components
  - 6/ Proposed extension shown in relation to the existing property