



Glass House

Services

Quantity Surveying & Cost Management
Contract Administration / Employer's Agent
Principal Designer

Sectors

Residential

A luxury 550 sqm house with associated external works in a rural setting making the most of stunning countryside views of the North Downs.

With the site occupying a slope, the architect exploited the superb views designing a fully glazed rear elevation, with living areas leading to first and ground floor balconies and the lower ground floor opening to extensive gardens.

The building was constructed in two different sections with the front of the property being a single-storey traditional masonry structure, leading to a three-storey steel framed structure at the rear. This was embedded into the slope which required extensive excavation of earth and chalk and the construction of retaining walls to prevent the collapse of the slope.



The front and side elevations were finished with a combination of ragstone walling and cedar cladding, whilst glazed curtain walling and sliding doors were specified for the rear elevation of the property. The glazing was continued into the balustrades to balcony / roof terrace areas.

Sustainability was at the forefront of the Client's wishes with the use of renewable energy generated by a photo voltaic array and air source heat pumps. Further features included a building management system providing security access features and the ability to control room ambience with the touch of a button.

Woodley Coles carried out the role of Contract Administrator, pre and post contract Quantity Surveyor and Principal Designer, providing support to the client throughout the project and administering the contract.

Architect

BDB Design LLP

Contractor

Coombs (Canterbury) Limited

Structural Engineer

Considine Limited

M&E Consultant

PCS Consulting Services Limited



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