



Warwick House Library, Seaford

OVERVIEW

Client: East Sussex County Council

Services Provided

- Land and Building Survey
- Geo-Environmental Engineering
- Structural Engineering
- Civil Engineering

The brief for this project was the replacement of an existing library, with the addition of adult care residential accommodation to the rear of the site, for East Sussex County Council and Saxon Weald respectively.

Our structural designs encompassed the new three storey library building which included a basement archive and café, together with three storey adult accommodation, office and roof garden on the corner site.

We were engaged to undertake the initial site investigations, survey and demolition guidance, having already provided advice on the suitability of two possible temporary library sites.

Our building designs comprised an in-situ reinforced concrete frame structure (new Library building), concrete framed, masonry and steel structures (adult care accommodation and offices) and off site modular construction (temporary library). The design and construction work had to be undertaken with the constrained nature of the site in mind; in particular the adjacent highways needed to be kept open throughout.

The drainage design and detailing was challenging, with local foul drainage being a pumped rising main. Surface water was disposed of using a deep-bored SuDS soakaway solution.

Roof Top Garden

