



## CASE STUDY

Project: Bakers Shaw

Location: Goring

Completed: Summer 2013

The building is a sizeable 5 bedroom private house plus garage/home office, set in a large woodland and meadow plot, just outside Goring on Thames.

This project provided Sylva with an opportunity to demonstrate our ability to combine sub and super-structure design in one broad package of services, including piling, ICF basement, green oak, panellised timber frame and proprietary roof and floor systems.

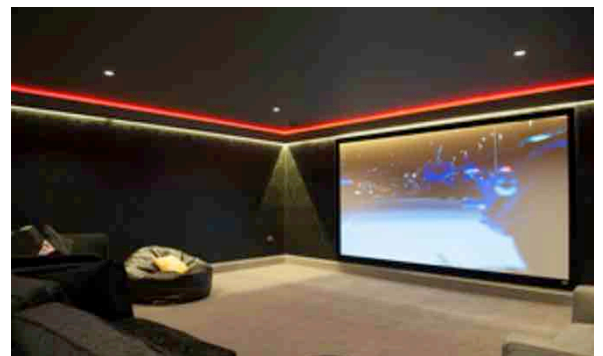
The house was designed to Passivhaus standards and incorporates a full ICF basement, Ever Green walls and an X-rafter roof system.

Sylva worked closely with the client to develop a build solution which allowed the client's internal space aspirations to be matched with stringent building envelope performance requirements and a non-intrusive structural approach.

Key watchpoints included ICF design and interface with superstructure, reducing thermal bridging, airtightness detailing and integration of M&E.

Our site team handled the full erect works together with a number of first fix items. A good rapport with the client's site team ensured a smooth construction programme with key milestones achieved as planned.

The home office building was constructed from green oak with a softwood timber first floor construction and timber cladding. We worked closely with the carpenters to ensure an appropriate match between modern timber engineering requirements and traditional carpentry techniques.



### PROJECT DETAILS

Project Type:  
5 bed luxury home

Size:  
450m<sup>2</sup>

Thermal Performance:  
Ever Green

Build Cost:  
£undisclosed

Build Duration:  
15 months