



callingham
architects

Sustainable Dwelling Oxford



New build energy efficient dwelling carefully sited in ecologically sensitive location

Energy efficient new build dwelling on a rear garden infill site successfully completed in 2007 with low cost living a priority. This was designed using basic principles of high thermal mass and an airtight design, maximising thermal efficiency to the north and maximising solar gain to the south. The site was sensitive and consultation with Nature England and BBOWT secured planning permission in 2006.

The building was constructed using local tradesmen and materials and reclaiming suitable materials wherever possible – for example, trees felled were recycled for internal finishes.

Property maintains a constant 20.5deg C all year round

On site waste was kept to an absolute minimum with careful monitoring by the client in this self-build project.

Overview

Construction Value:
£200,000

Client:
Self Build

Developer:
Local Supply Chain

Timeframe:
Jan 2006 – July 2007