

BREEAM[®]
excellent

Hills Road, Cambridge

Location - 51-53 Hills Road, Cambridge, Cambridgeshire, CB2 1LA

Client - Jesus College Developments Ltd

Project Manager - Bidwells LLP

Ashe Architect - Gort Scott Ltd

Ashe Structural Engineer - Solutions Ltd

M&E Engineer - Max Fordham

Duration - 66 weeks

Completed - August 2015

£2.3m



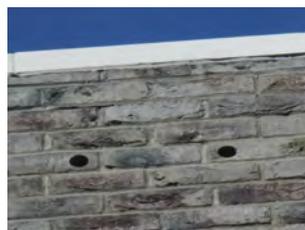
Hills Road, Cambridge



Introduction

The project comprised the demolition of an existing garage block to allow for the design and build construction of a new four storey office building.

The new building was constructed using a reinforced fair face concrete frame with timber framed infill panels and facing brickwork on the external walls. The brickwork on the exterior of the building was a particular design feature with more than 7 different systems and bonds including hit and miss brickwork and a bespoke masonry soffit. Additionally Ashe fitted several 'bird brick houses' within the brickwork, these houses have been specifically developed to suit the local birds in the area.



Specialist Velfac composite windows were used throughout with pre-cast stone surrounds to keep with the high level of quality to the finish of the office.

A natural ventilation system was fitted to all office areas which included feature chimneys and acoustically attenuated louvres.

It has been proposed that the Hills Road Office project is to be put forward for a number of awards, because of the high level of detail applied to all elements of this building.

Key Success Points

The Hills Road Office has been accredited as "the greenest office building" within the Cambridge city centre. The project has achieved BREEAM Excellent status and has many sustainable features, including;

- A gas absorption heat pump
- PV panels
- Low cement/High GGBS content concrete
- Full natural ventilation to all office areas
- Electric car charging points

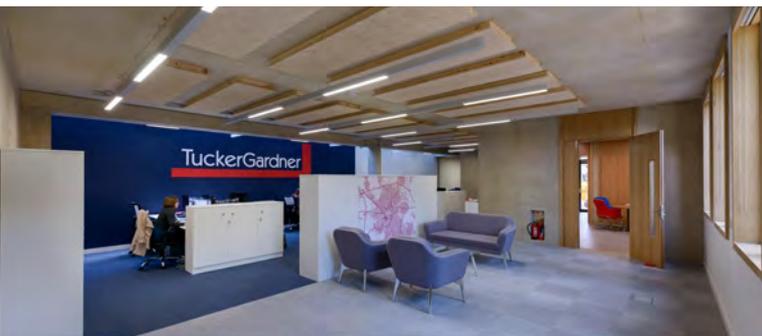
Throughout the project Ashe took a number of steps to ensure the project benefitted the community as part of the Considerate Constructors Scheme, such as;

- giving timber off-cuts to the public free of charge
- organised and hosted visits to site by Cambridge University Students, Cambridge Forum for the Construction Industry and the local neighbours
- displayed information boards with CGI visuals of the completed building
- provided monthly newsletters to local residents.

Form of Contract

JCT Design & Build 2011

Hills Road, Cambridge



Ashe received an email from Susan Atherton, who works opposite our site. Within it Susan wrote:



I work in offices opposite the Hills Road site you are currently developing and I have to remark on how efficient the team there appear to be. Its 'all hands on deck' when any plant arrives to ensure it is offloaded/removed as quickly as possible to reduce traffic congestion.

All sweeping up and cleaning of debris from the roads and paths is done by anyone who happens to reach the broom or hose first...

I must say that your 'Considerate constructors care about appearance' really is being displayed by this team.



Susan Atherton
RBS Corporate Banking

We were really pleased to receive this email as it is not often an individual takes the time out of their own busy schedule to write something so positive. Susan's message was passed on to our site team and it helped to ensure the high standards they had set themselves continued throughout the project and this showed in the finished product.

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Ashe Architect Gort Scott Ltd Ashe structural Engineer Solutions Ltd M&E Engineer Max Fordham