

# Guildford Design Awards Nomination Form 2023

## Note:

Areas Autosize as required.

Seven Boxes require Completion.

Consider using WeTransfer <https://wetransfer.com/> if files get very large

Return to PeteColeman [petercolemanarchitects@gmail.com](mailto:petercolemanarchitects@gmail.com)

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| <b>1) Address of Scheme</b><br><i>(including postcode)</i><br>4A Devon Bank Guildford GU2 4DQ  | <b>2) Category of Project</b><br><i>(Select from list at foot of form)</i><br>New Build - Individual House   |
| <b>3) Name of Client</b><br>Annabel and Chris Agace  | <b>4) Architect, Design Consultants or Artist</b><br>Mark Hillier Architect<br>Mischa Hewitt Earthwise - Energy Consultant/PHPP modelling<br>Peter Waters interior architect<br>Caroline Boor garden designer<br>Sophie Smallhorn artist |
| <b>5) Key Contact</b><br>Annabel – annabel@chalk-hill.co.uk.   |  |
| <b>Category of Project</b> <ul style="list-style-type: none"><li>• New Commercial Building</li><li>• New Public Building</li><li>• New Build - Individual House</li><li>• New Build - Multiple Housing – smaller projects up to 30 homes</li><li>• New Build - Multiple Housing – larger projects 30 homes and over</li><li>• Conservation Project</li><li>• Regeneration Project including those involving an extension to an existing building.</li><li>• Public Realm including soft (landscape) and/or hard works</li><li>• Public Art</li></ul> |  |

## 6) Brief description of the Project

*(Include key features of the design, maximum 1-page A4)*

The brief was for a low energy, sustainable and adaptable house with warmth communicated through texture and colour. We wanted to reinterpret some design elements from our first new build, "Chalk Hill", winner of the first GDA, and we commissioned an installation by Sophie Smallhorn to add a further layer of complexity. Finally, the plot being heavily overlooked, the design had to be respectful to our neighbours and find privacy for us. We bought the plot (which had a 1960's chalet bungalow on it) in late 2019, worked with Mark Hillier on the design and work started in summer 2021, finally completing in May 2023, though all the challenges of Covid etc.

The resulting house is conceived as 3 mono-pitched elements, forming an L shaped house with front and rear courtyard garden areas. The main house contains 2 of these elements, connected by a flat, green-roof. The garage and studio above forms the third. There is scope to connect this to the main house if required in the future. The house provides 3 bedrooms in the main house and a fourth in the studio.

A 'sustainable' house was a key part of the brief and we:

- Kept foundations and used piles elsewhere;
- Commissioned a Passivhaus Planning Package (PHPP) to benchmark predicted energy performance against the AECB Building Standard and Passivhaus Standard
- Installed solar shading screens on the south and west elevations (also to address privacy issues)
- Used a SIPS system with additional insulation, triple glazed windows, and an ASHP, solar PV and battery, MVHR system, plus rainwater recycling for garden irrigation.
- Used Cemfree concrete and timber Glulam beams in the construction as opposed to steel
- The result is a SAP/EPC rating of A98.

The external walls are clad in a mixture of brick to improve thermal mass and SILA cladding, treated with Sioo:x which protects and evens the weathering. Roofs are in steel by Greencoat, the terracotta red of the garden wing references the clay tiled roofs and hanging tiles of the area (inspired too by Swedish summer houses). The garden areas have been designed to be wildlife friendly with dense perennial planting, and we are working on a separate wildlife pond.

Sophie Smallhorn was given a broad brief of creating a sculptural 'piece' in the structure of the house. She conceived the curved faced, glazed brick installation around the front door. She is well known for her work with architects, but this was her first time she had worked with ceramics and manufacturing was challenging but the amazing Darwen Terracotta in Blackburn delivered a fantastic result.

Internally there is extensive bespoke joinery and wall space for all our pictures.

**7) Photographs of the completed project**

*(Either paste into this area or add as separate files, include existing photographs, plans and elevations, as appropriate for the Conservation Project and Regeneration Project categories.)*

*Snapshots attached.*

**8) Plans, Sections, elevations.**

*(Include or attach these to appropriately support your application)*

Attached



4A Devon Bank















