

# **Guildford Design Awards 2023**

## **Private Contemporary House, Guildford**

**LytleAssociates**  
ARCHITECTS

Address: 20 Fort Road, Guildford, Surrey, GU1 3TD

Project category: New Build – Individual House

Name of Client: Mandy & Chris McAleese

Architect: Lytle Associates Architects

Consultants:

- MEA Consultants
- Haworth McCall (Structural engineers)
- Doherty Energy
- Flint Construction
  
- Photographs by Jon McRae Photography

Key contact:

- Mark Chambers  
Lytle Associates Architects  
The Fountainhead, Quarry Street, Guildford, Surrey  
GU1 3UY  
[architect@lytle-associates.com](mailto:architect@lytle-associates.com)  
01483 301661

## Guildford Design Awards 2023

### Private Contemporary House, Guildford

This new contemporary house is a private dwelling on the outskirts of Guildford Town Centre. The site is located on an exclusive road lined with high value properties and enjoys unrestricted views out over the Surrey Hills AONB. An original 1960s bungalow sat on the proposed site which was not deemed suitable to provide for the needs and desires of 21st Century living and was demolished under our proposals to allow for a new contemporary home to modern living standards & requirements.

The project brief was to replace the existing property with a new, highly sustainable dwelling, significantly increasing the internal floor area whilst utilising the existing footprint. The proposed two storey dwelling has the appearance of a bungalow in the street scene. Informed by the existing site condition, the ground floor is submerged into the slope of the land and is only visible from the south elevation, resulting in the proposed ridge height being just over a metre higher than the existing. When viewed from Fort Road, a colonnade links the garage, access, front entrance, and front elevation together. A 'butterfly' zinc roof floats over the first floor via a glazed ribbon window at a high level.

Various approaches have been utilised to minimise the environmental impact of the proposals. At the forefront of the design was an intention to craft a building from high quality, thermally efficient materials to ensure that the fabric of the building aids the creation of a comfortable internal living environment. Environmental control systems were then integrated to maintain comfortable conditions during more extreme external temperature fluctuations. Lastly an array of renewable technologies were employed to minimise the environmental cost of operating the building, including active cooling through the underfloor heating and fan coil units together with a whole house MVHR system.

The stunning views that characterise the site have been unlocked through the creation of a large first floor living space with expansive glazing. The south elevation allows ground and first floor views out into the valley, through which the large feature aluminium windows have thin sight lines that make use of the solar gain in the winter, spring & autumn. The ground floor is clad in facing bricks whilst the first floor is clad in Western Red Cedar, giving a lighter appearance. Existing vehicular access was retained, leading to a new integrated garage and a new rear stepped patio set around a small lap pool providing for a descent into the rear garden with large Beech trees that were retained.

Client testimonial...

*"Lytle Associates Architects exceeded our expectations. They listened carefully, worked collaboratively, and prioritised sustainability in the design. Lytle Associates worked closely with our main contractor throughout the project, ensuring that the design was executed to the highest standards.*

*Their commitment to sustainability is evident in the design, which incorporated solar panels and air source heat pumps to minimise environmental impact. They took advantage of the natural light, views, and topography of the site.*

*Their commitment to quality, attention to detail, and collaboration make them an excellent choice for anyone looking to build a beautiful and functional home."*

Lytle Associates Architects also worked with Doherty Energy to ensure that the new dwelling went beyond compliance.

Energy Consultant Jason Doherty comments...

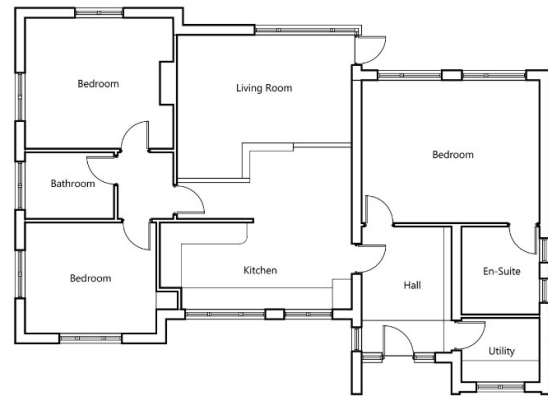
*"Projects like this don't come along that often, we had an air source heat pump, MVHR, lots of PV and a great SAP rating of 107!! Not just Zero Carbon, we are 30% beyond Zero Carbon. What a great team, contractor and of course Client!!"*

# Guildford Design Awards 2023

## Private Contemporary House, Guildford



Fig.1 – Site location



Ground Floor Plan

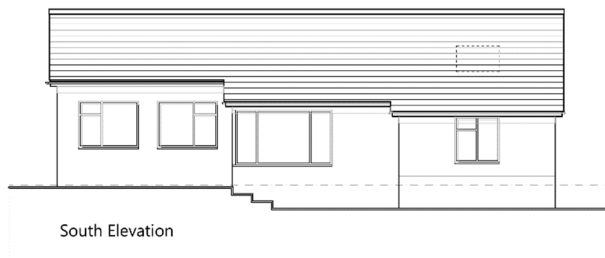
Fig.2 – Existing Ground Floor Plan (NTS)



Fig.3 – Rear view of existing Bungalow



Fig.4 – Views from the site across the Surrey Hills.



South Elevation



Figs.5&6 – Existing and Proposed Southern Elevations (NTS)



Fig.7 – Proposed Eastern Elevation showing the slope of the site (NTS)

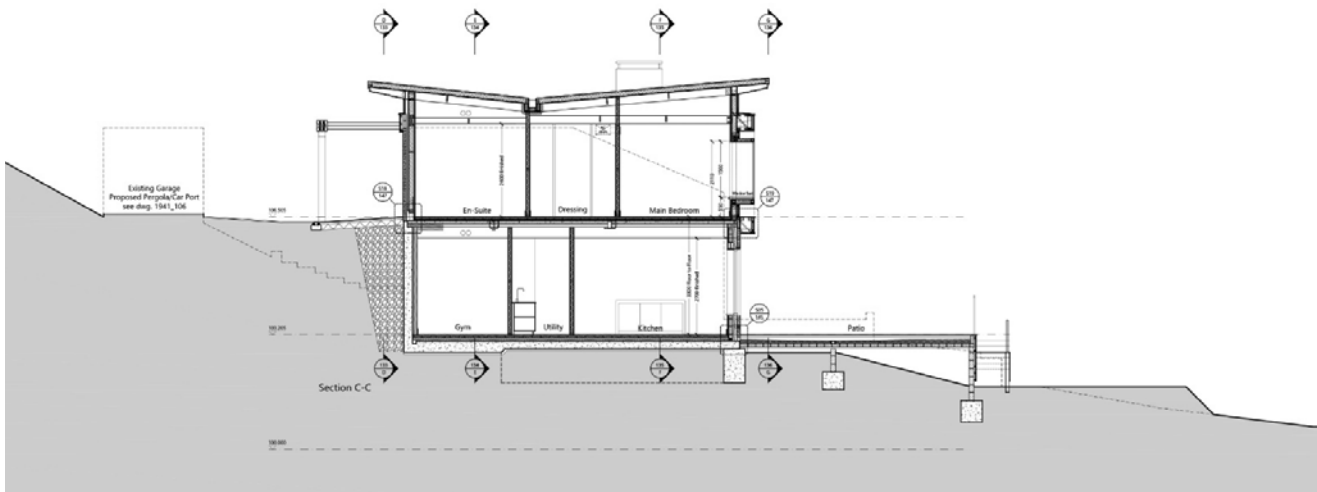


Fig.8 – Proposed Section showing the two-storey property that appears as a bungalow from Fort Road (NTS)

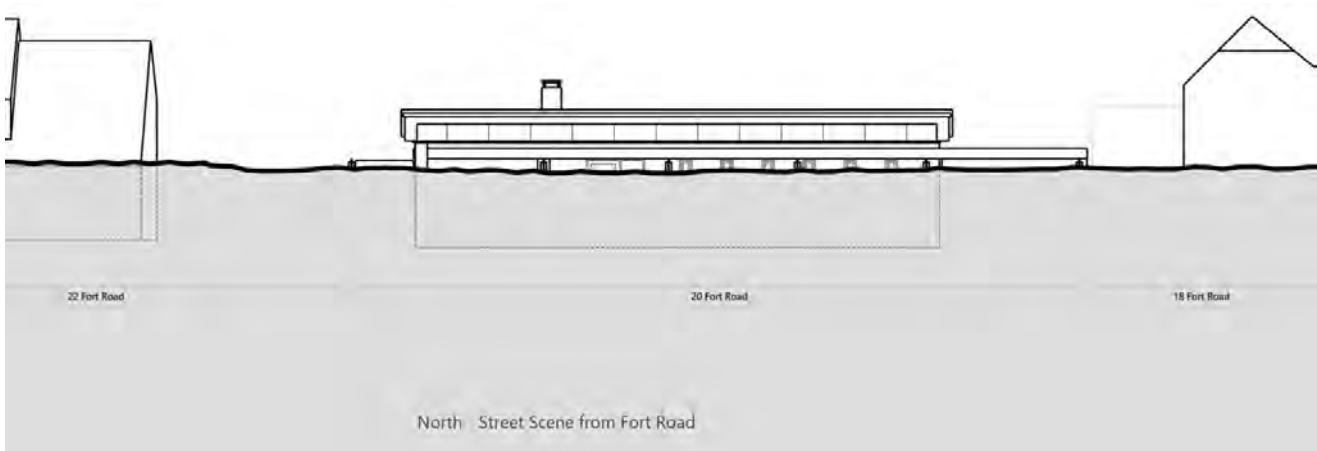


Fig.9 – Proposed street elevation when viewed from Fort Road (NTS)

**Lytle**Associates  
ARCHITECTS



Version 1

Hillside, 14 Fort Road





