



Case Study

Radbrook Village, Shrewsbury



Case Study

Project Name

Radbrook Vilage

Location

Shrewsbury

Project Type

Residential

Materials

Timber Frame

Years

2018 - 2020

www.lowfieldtimberframes.co.uk





The Project

Radbrook Village is a new residential community in Shrewsbury featuring 126 homes.

Along with 84 new build properties, 20 Victorian buildings have been remodelled into a range of apartments and houses. There are also 22 independent living units, designed to create a close-knit community.

While the 16-acre site is divided into a series of different character zones, the development's core aesthetic takes inspiration from the impressive

Radbrook Hall. Sympathetically designed with red brick cladding, traditional forms and ridge roofs, each property blends seamlessly into the surroundings.

In front of Radbrook Hall is a large square featuring 3-storey town houses. These properties give the height needed to frame this impressive hall, while also enclosing the square. Meanwhile, the properties behind the hall create private courtyards, taking a contemporary approach to coach house properties and stable dwellings.

The rest of the site boasts a variety of 3 and 4-bed, 2-storey houses featuring a mixture of brick work and timber cladding. There is also a selection of more modern, timber clad 5-bed houses, giving the development a range of properties ideal for a wide community.

The Details

20

Apartments/Houses In Remodelled Victorian Buildings

126

Dwellings

22

Independent Living Units

84

New Build Houses





Scope of Services

Timber frame construction offers a range of benefits, improving the overall efficiency and speed of construction while increasing the sustainability of the build. Our client wanted to take advantage of these benefits, which is why they tasked us with this exciting project.

Timber frame also offers more flexibility in regards to design requirements, making this an excellent choice in style

of construction for this project. Many of the builds within Radbrook Village involved a number of complex house designs, such as terraces on upper floors, and these were successfully achieved by using timber.

“Improving the overall efficiency and speed of construction while increasing the sustainability of the build.”



Outcome

We delivered pre-insulated timber frame panels for the walls and floor joists of all the different house types, which were constructed offsite in our factory 15 miles away.

With everything pre-fabricated, the buildings were watertight in just a matter of days. This then allowed any follow on trades to get working onsite sooner, streamlining the entire build process.

The chosen timber made use of a local supply chain, and most of our site workers were based within Shropshire itself. This helped speed up the build even further, while the project itself supported Shrewsbury's local community.

Timber is also a carbon neutral building material, producing the lowest amount of CO2 of any materials available. As a completely renewable resource that was locally sourced, we were able to increase the overall sustainability of this project.

This was an exciting build to be a part of, from the complex architectural designs to the very ethics of the materials used. The result is a sustainable and stunning development that beautifully compliments the area's existing Victorian buildings.



Testimonials



Mike Sambrook

MD of SJ Roberts Construction

“ SJ Roberts Construction are delighted to have delivered this challenging scheme in close partnership with Connexus. The end result is a testimony to the whole project team with the initial vision coming together superbly as a completed scheme.



Darren Jarman

MD of Lowfield Timber Frames

“ If we were looking for an easy life, we would all be building square boxes without any structural or sequencing dilemmas. On the flip side, life would be very boring, and we wouldn't end up with buildings with such architectural appeal as those constructed at Radbrook.

The Client and the Architects were extremely passionate about the scheme they had designed for Radbrook Village and the challenge for Lowfield Timber Frames was to ensure their vision could be realised in an off-site solution whilst meeting the programme and budget. This involved bringing several different manufacturing solutions together to create the structural shell for the homes with lots of value engineering.



Case Study

Client

Floreat / Connexus

Main Contractor

SJ Roberts Construction

Architect

AHR Architects

Structural Engineer

Thomas Consulting - Engineer



Read more about the project

www.floreathomes.co.uk/development/radbrook-village

www.velux.co.uk/professional/cases/new-build-cozy-and-healthy

www.ahr.co.uk/Radbrook-Village

www.connexus-group.co.uk/dagleish-crescent-shrewsbury

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