



# ROBERTSON TIMBER ENGINEERING HEALTHCARE





# HOW TIMBER FRAME BENEFITS THE HEALTHCARE SECTOR

Robertson Timber Engineering has extensive knowledge and expertise in this sector, having manufactured and delivered numerous hospitals and care homes over the years throughout the UK.

We understand the challenges facing the healthcare sector – budgets are more restricted and there is a need to find innovative ways to deliver facilities.

There is more emphasis on working in partnership, integrating health and social care services, making it easier for staff to work together to deliver better co-ordinated, more joined-up care to local people.

Timber frame provides a good sustainable working solution with the use of timber as the main structural component of the building fabric.

A 'fabric first' approach provides the opportunity to improve on the external envelope, increasing performance values and airtightness detailing, giving a building that requires less energy. This allows for less reliance on expensive renewables such as photovoltaics, air source heat pumps and renewable energy generators.

A fabric first approach also guarantees the building performance over its lifespan, without the need for additional maintenance. Occupants use less energy,

without having to learn how to use complex devices and building controls. The result is a simple, easy-to-use building with low running costs.

Timber frame buildings also provide more certainty when it comes to overall costs and budgets, giving more control on offsite costs through the manufacturing process. This in turn ensures the high quality of the product can be maintained through our quality-assured manufacturing process.

We also provide expertise through our skilled timber-frame erection teams, with an extensive number of operatives that cover the whole of the UK. They are fully trained and proficient in the use of timber frame and will follow best practice at all times. They will assist and support main contractors throughout the erect period and work with teams that may be using timber frame for the first time.

Offsite manufacturing reduces the risk of delays on programmes due to inclement weather, resulting in quicker build periods and reduced prelim costs.

## STIRLING CARE VILLAGE



### The client team:

Robertson Capital Projects



### The project:

Supply and erect project for new 100-bed care village.

### POINT OF INTEREST

- ▶ Robertson Timber Engineering's work for the Stirling Care Village will cover a total GIFA of approximately 11,000m<sup>2</sup>.

Robertson Timber Engineering is contracted to design, supply and install all the pre-fabricated timber panels, floor cassettes and roof trusses for the two buildings that comprise the new Care Village. The new Care Village is a joint venture by Stirling Council, NHS Forth Valley and the Scottish Ambulance Service, and is being developed by Robertson through hub East Central Scotland – a partnership between public and private sector organisations.

This project will support the integration of local health and social care services, making it easier for staff to work together to deliver better co-ordinated, more joined-up care to local people – a key aim of the Clackmannanshire and Stirling Health and Social Care Partnership. More than 100 beds will be created to provide short-term care, dementia support and palliative care.



## PARKLANDS, MUIR OF ORD & TAIN



**The client team:**  
Robertson Northern



**The project:**  
Care home supply and erect expansion project.



### POINT OF INTEREST

- 🕒 The new care homes comprise 34 en-suite rooms, which are typically 40% larger than the National Care Standards minimum.

Built at a combined cost of £5 million, the expanded facilities at Muir of Ord and Tain represent state-of-the-art care provision for the elderly. Built in an effort to meet the growing demand for elderly care, the project will also facilitate the equivalent of three full-time positions as a result of the expansion.

Each room features a Smart TV with integrated camera as standard so residents can Skype loved ones around the world. Interest has been unprecedented and both homes now have an extensive waiting list.

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## LEVERNDALE HOSPITAL, GLASGOW



**The client team:**  
Robertson Central



**The project:**  
Timber frame supply and erect project.



### POINT OF INTEREST

- 🕒 The off-site manufacturing process allowed the main structure to be made before the construction programme started, giving the main contractor more options on the build sequence.

Robertson Timber Engineering supplied and erected the timber-frame solution for this complex project in partnership with Robertson Central to modernise the provision of inpatient psychiatric care at Leverndale Hospital, Glasgow. The on-site team agreed to build the frame in two different phases at the same time, which ultimately cut the final construction build programme by five weeks.



**ROBERTSON**  
TIMBER ENGINEERING



**ROBERTSON**

10 Perimeter Road  
Pinefield, Elgin  
IV30 6AE

Tel: 01343 549786  
Email: [offsite@robertson.co.uk](mailto:offsite@robertson.co.uk)

[robertson.co.uk](http://robertson.co.uk)

Admiralty Way  
Seaham, England  
SR7 7DN

Tel: 0191 349 8670  
Email: [offsite@robertson.co.uk](mailto:offsite@robertson.co.uk)



@RobertsonGroup



RobertsonGroupTV