

# Design

## The Design Package

Drawing Issue Record

Designer Risk Assessment

Structural Calculations, Line & Point Loads along with NHBC Certification if required

Direct or indirect 'liaise' with architects, main-contractors, fabricators or others as per any instruction received by our client

Block Setting-out Plans

Soleplate / Headbinder Plans, with sectional datum detailing & material schedule

Panel Setting-out Plans, with panel elevations & material schedule

Joist Layout Plans (Loose or cassette ) & material schedule

Roof Plans, with 'structural' material schedule

Comprehensive Sectional Detailing

Steelwork fabrication drawings – post, beam & purlin

Special items – joinery items ie. bay window detailing

Loose items, 'structural' material schedule



QUALITY BY DESIGN



Lasyard House  
Underhill Street  
Bridgnorth  
Shropshire  
WV16 4BB

Phone:- 01746 769 638

Fax:- 01746 769 273

Email:- [info@spencerjonesdesign.co.uk](mailto:info@spencerjonesdesign.co.uk)

Web:- [www.spencerjonesdesign.co.uk](http://www.spencerjonesdesign.co.uk)



Spencer Jones Design Ltd provides timber frame design to architects, fabricators and developers of open panel softwood timber frame structures.

We use the latest Eleco Consultec design software to produce accurate and quality fabrication drawings and material cutting lists .

QUALITY BY DESIGN



**Consultec**

Tel: 01746 769 638

# Company Profile



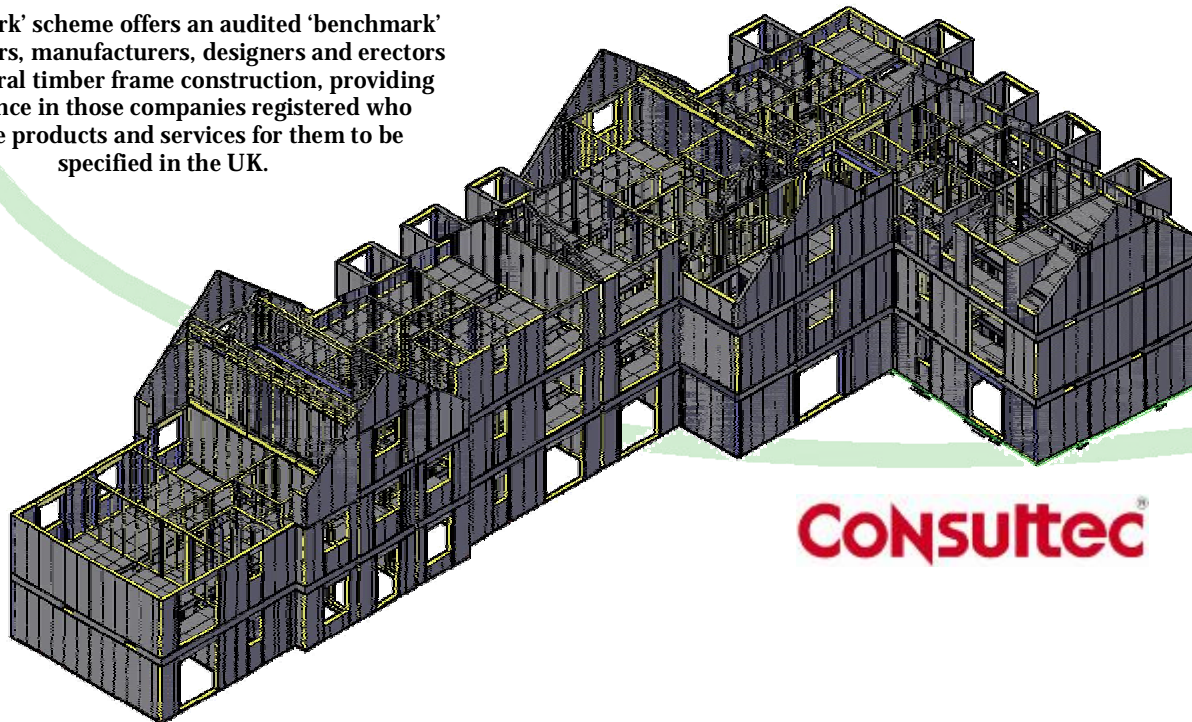
Spencer Jones Design Ltd was established in August 2006 by Paul Spencer & Rupert Jones.

With over 20 years of individual experience within timber frame design & manufacturing sectors, having worked alongside some of the countries leading manufacturers and engineers it was determined that we could offer a superior design service that responds to today's specific client led specifications & requirements.

With our combined expertise and knowledge we are competent to provide designs for the more challenging timber frame structures as well as the more usual.

**We are members of TRADA & UKTFA (Q Mark)**

The 'Q Mark' scheme offers an audited 'benchmark' for suppliers, manufacturers, designers and erectors of structural timber frame construction, providing confidence in those companies registered who provide products and services for them to be specified in the UK.



**CONSULTEC**

We utilise the very latest industry software 'Eleco – Consultec Framing' for design of the wall panels & floor cassettes, all to the individual needs of the manufacturer.

## Consultec say

*"Consultec Framing, the design tool for the Timber Frame and Floors, is a modular solution to fit the needs and requirements of today's offsite construction market.*

*Used extensively by manufacturers, structural engineers and design practices, the software details timber frame buildings, producing comprehensive material schedules, manufacturing drawings for manual production and direct links to industry automated machinery and saws.*

*Designed to work on Autodesk Auto CAD or Architecture products."*

Visit Consultec at - [www.eleco.com/consultec-uk/](http://www.eleco.com/consultec-uk/)

We can provide designs and engineering covering the full spectrum of building types, including such items as NHBC HB353b Certification and where appropriate make allowance for disproportionate collapse.

We offer a service that is second to none, incorporating basic principles that every client should expect such as :-

## Design Considerations

We will examine the drawings provided for quotation and advise of any areas that require further design clarification from the architect / client.

This document forms an integral part of our quotation and is provided in order that items identified can be addressed at the earliest stage possible to aid the design & build process.

## Correct First Time

We check all items before they are issued.

It is a fact, that giving a proposed timber frame design the respect it deserves will always pay dividends for the manufacture, erection and build of a timber frame structure later on.

This encourages with confidence the over all build process and should result in repeat orders.

## Lead in times for non standard items

Any non-standard items such as steel post, beams, shoes, large engineered timbers, racking / sheathing, holding down straps and sole-plate anchor fixings, will all be identified at the earliest possible stage so that they can be procured for delivery on time.

## Efficient Design

Balancing cost effectiveness with best design principles, this is possible by ensuring the structure is fit for purpose within the manufacturer's specification.

We advise the adoption of Robust Standard Detailing.

Should the specification or engineering appear to be over and above the accepted norm, this would be flagged up as early as possible in-order to allow informed decisions to be made and any additional costs recouped.