



Traditional oak framed buildings are strong and durable but need to be jointed due to the lengths of timber available and with the right design style, oak framed extensions can also be highly energy efficient. It's important that your oak frame designer understands hundreds of years of oak frame design principles. Oak framed buildings need to be tied at the eaves as the weight of a pitched roof will apply force to push the eaves beams apart so Tie Beams are required and these need to be braced to a post to form a solid structure.

It is not good practice to locate a tie beam or truss over a large opening such as a bi-fold door as it can't be braced rendering the tie beam almost redundant. It also adds extra weight over that point of the eaves beam making it likely to bow and cause the doors to stick.



It would be advisable to avoid oak frame companies where you can see this type of error in their photographs.

If you have any questions, please contact our award winning designers for further information.