

METHOD STATEMENT; ROOF STEEL INSTALL

Tom White

WHITE PERIOD RESTORATION LTD 68 Rosaline road, Fulham SW6 7qt

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To the roof of the property we have a butterfly roof set up with a gully in the middle. Running through the centre of the whole property the structure seemed to be slouched in the middle. This was reported to the Structural Engineer and the recommendation was to insert a steel under the original ceiling joists on the top floor and to sister the ridge beam with timbers that are attached to the original ridge beam with coach bolts to protect the beams from further descent, whilst keeping the original beams in place to protect the heritage of the building.

As the ceiling structure was not level the steel that runs from left to right had different heights of hardwood packers so that each individual joist was supported efficiently. The ridge beams were sistered with timber beams similar in size to the original and they were installed as per the original timber wall plate. We sought to install these timbers in full length but it was not possible to manoeuvre them into position so they were spliced with timber plates, added to stiffen the new beams. We avoided removing any problematic ceiling joists and all were retained without cutting or any removal of the ridge beams.

We basically installed all our structure around the original and then added packers to support.