

**Method Statement to ensure the structural integrity of
plots 3&4 (subject of AB/103/17/PL) during the
construction phase of the works**

As described at the bottom of the page, the existing ground floor external walls are deemed to be structurally sound and once the weight of the roof is removed, will not be harmed by the removal of the roof structure. Once the new roof and first floor joists have been installed, there will be an increased tying effect to these walls. The gables to each end however, are relatively tall and there is great risk even if braced that a strong wind could damage these so they will be carefully dismantled to a safe height and then rebuilt once the new roof structure is in place so they can be tied in. the works will be carried out as follows

1. Strip asbestos sheeting from roof
2. Carefully take down the gable walls to existing eaves level and set aside bricks for re-use.
3. Number and set out on a board the rounded bricks which form the quoins and arch to the gable windows and store in a safe place.
4. Install the new engineer designed roof structure.
5. Reconstruct gable walls tied into the new roof structure.

Structural Engineer's comments

Hi Giles,

In regards to the above project and following your email below/our telephone conversation today (12/10/17), we can confirm that in the existing buildings current state we deem them to be structurally sound with no stability issues for the proposed works. However, we would advise that both gables are de-constructed to a safe level following the removal of the existing roof, and then re-constructed following the installation of the new roof. This will ensure that the integrity of the existing structure at roof level will be kept intact but also as good practice in the view of health & safety.

Please note that we will provide suitable structural design and details for building regulation approval to prove this, in due course.

I trust that the above is ok, however should you have any comments or queries please do not hesitate to contact me.

Kind Regards

Alun Blow

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