

HILL MITCHELL BERRY  
ARCHITECTS

12, Greenaway Gardens, London. NW3 7DH  
**Statement on Proposed Alterations to the Main Roof**

4<sup>th</sup> October 2011

It is proposed that the existing house will be covered with a temporary roof prior to demolition to protect the building from rain water ingress.

All tiles, leadwork, other roof coverings and insulation will be removed, to reduce the amount of load on the existing roof structure. Tiles will be cleaned and carefully stored on site for re-use. Additional reclaimed roof tiles to match the profile of the existing tiles will be procured and interspersed evenly with the salvaged tiles.

Detailed scale drawings of the eaves will be made once the scaffold is in situ, so that new timber sections can be milled to match the existing profiles precisely.

The existing roof structure will be inspected to identify defective timbers. Where defective timbers are found within parts of the roof that are to be retained, they will be replaced prior to carrying out the proposed alterations.

Following a review of the submitted drawings with the Structural Engineer, it has been agreed that a significant structural partition at second floor level will be retained, as will some additional parts of the existing roof structure. A revised set of demolition drawings has been submitted, along with the other necessary amendments to the proposals.

Structural beams will be inserted into the existing first and second floors where it is proposed to remove structural walls and partitions. These proposed beams are shown on the Structural Engineer's drawings submitted with this application.

Temporary props, designed by the Contractor and approved by the Structural Engineer, will be inserted at second floor level and below, so that the support of the existing roof follows the present load paths to the ground.

The existing section of the roof facing the street above the recessed north wing will remain in situ, whilst the new section of roof is installed above it. The old roof timbers will remain in place even after the new section of roof has been completed

Where existing dormers are removed, this work will be carried out on one dormer structure at a time, to maintain the integrity of the existing structure. The resulting hole in the main roof slope will be filled in and made good, before work starts on the next dormer.

Hip and ridge timbers will remain in place whilst alterations to the roof structure are carried out.

Sheets of plywood will be screwed to the top of existing and new rafters to strengthen the roof structure, as directed by the Structural Engineer.

Once the structural alterations are complete, the modified roof will be re-covered and re-insulated.

PARTNERS

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