

Method Statement: Brickwork Repairs and Alterations – Park Farm

Project Element: Brickwork Repairs and Alterations

Location: Park Farm, Henfield

Prepared for: Listed Building Consent Application

Prepared by: The Martin Sewell Building Company

1. Objective

To sensitively repair and alter brickwork panels, chimneys, and openings using traditional techniques and materials in accordance with conservation best practice, and ensuring full compliance with listed building consent conditions.

2. Preliminary Works

- Prior to any removal or alteration, each brick panel within the existing oak framing will be photographed and recorded.
- A detailed schedule of condition will be compiled, identifying areas of decay or movement.
- Works will be carried out by experienced heritage bricklayers.
- The site team will be briefed on conservation requirements.
- Works are to be undertaken under the supervision of the conservation team, where necessary.

3. Removal of Panels

- Carefully remove each affected panel within the oak framing, taking care not to damage the timbers where timbers do not require repair.
- Bricks will be removed whole and stored safely for re-use where possible.
- Panels will be labelled and stacked in order to facilitate accurate reassembly.

4. Rebuilding Panels

- Rebuild each panel using salvaged bricks and compatible lime mortar (NHL 3.5 or hot lime), colour matched to existing.
- On the 1930s wings, new stainless-steel wall ties will be introduced to tie the panels back to the inner leaf of masonry.
- Rebuilding will replicate original coursing and brick bonding patterns.

- Great care will be taken to avoid damage to the surrounding oak frame during reconstruction.

5. Repointing and Brick Repairs

- Where required, repoint isolated areas of defective or eroded mortar to the ground floor brickwork.
- Defective or damaged bricks will be replaced with matching bricks.
- All repointing to be done using lime mortar and finished to match existing joint profiles.
- The use of mechanical cutting equipment to remove existing mortar will be avoided as much as possible, with hand tools preferred to prevent damage to adjacent historic brickwork.

6. Alterations to Openings

- Infill the lower half of the existing kitchen doorway using reclaimed brickwork to match adjacent elevations, to form a new window opening.
- Make good all reveals and surrounds using lime mortars.
- Carefully make good around newly formed double doorways from kitchen to terrace and living room to terrace.
- Brickwork and pointing to match adjoining fabric in texture, colour, and profile.

7. Chimney Repairs

- Repair any open joints or weathered pointing on the existing chimneys.
- Replace any damaged bricks in situ using like-for-like materials.
- Repoint chimney brickwork using lime mortar, colour and texture matched to existing.
- All chimney work to be completed with safe access and appropriate scaffold measures.

8. Finishing and Making Good

- Ensure all new brickwork is cleaned using soft bristle brushes only – no abrasive methods permitted.
- Excess mortar and staining to be removed using clean water and minimal agitation.
- Ensure all panels are fully cured and stable before demobilisation from site.

9. Conservation Notes

- All mortars used in the works will be lime-based (NHL 3.5 or hot lime), never cement-based, to ensure breathability and compatibility with the historic fabric.

- Brick repairs and infill will be reinstated without alteration to the detailing or profile of the elevations.
- Existing architectural features, including bonding and joint profiles, will be replicated.
- No changes to the underlying structure or visual appearance will be made without prior written consent.
- Any historic or unusual detailing uncovered during the works will be photographed and reported to the Conservation Officer for further guidance and approval.

10. Waste Management

- Salvageable bricks will be retained and re-used wherever possible.
- Waste material will be removed via a licensed waste carrier.
- All works will be completed with minimal disturbance to retained fabric.