



**Supporting Information for Listed Building Consent  
Application  
Survey and Method Statement**

**Chimney Rebuild**

Youngloves Farm, Southern Green, Hertfordshire, SG9 0SP

Date: 20<sup>th</sup> October 2025

## Revision History

| Date                          | Author   | Description           |
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## 1. Introduction

This document aims to support the application of Listed Building Consent to execute a chimney rebuild and repair of 16<sup>th</sup> Century House, named Youngloves Farmhouse.

The property resides in a small Village called Southern Green, in Hertfordshire.

The repairs are proposed to be carried out on the following:

- a. East elevation
- b. Chimney and associated section as shown in Figure 1 (outlined in red).



**Figure 1 - Existing House showing Chimney under consideration**

## 2. Existing Survey

### 2.1. Chimney Condition

The following issues are observed:

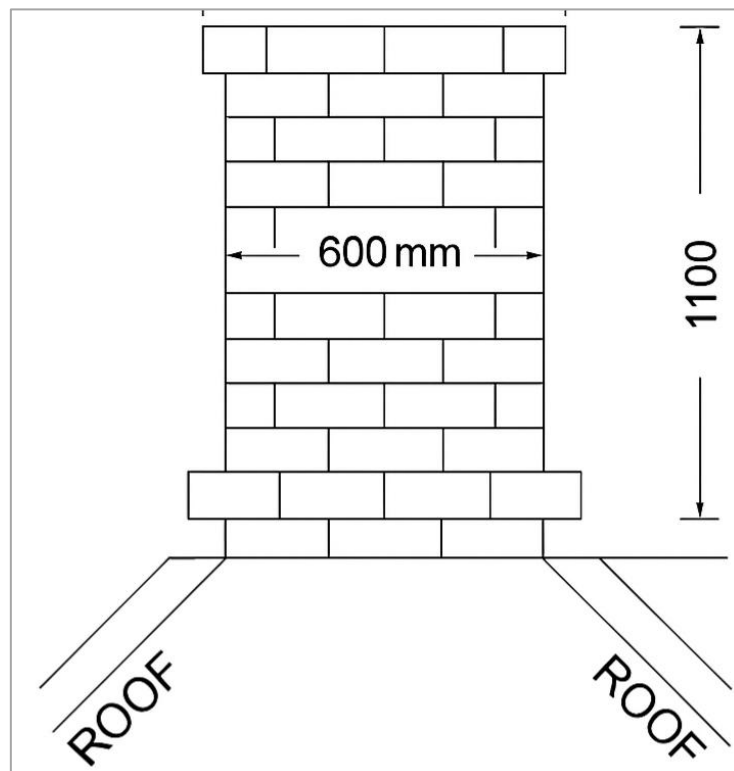
- a. Mortar perished or in some cases non existent
- b. Heavy moss
- c. Loose bricks
- d. Some bricks are defaced
- e. Cement used

### 2.2. Existing Images





### 2.3. Dimensions



### 3. Method Statement (Remediation Plan)

This Method Statement outlines the safe and heritage-sensitive approach to dismantling and rebuilding a small chimney stack on a listed building.

Works will be undertaken under Listed Building Consent, ensuring that all methods, materials, and workmanship preserve the building's historic fabric and character.

#### 3.1. Description of Works

- a. Carefully dismantle the existing chimney stack down to sound masonry.
- b. Salvage and clean all reusable historic bricks for re-use.
- c. Rebuild the stack to original dimensions, profiles, and detailing using lime-based mortar and matching reclaimed bricks where necessary.
- d. Repoint the new work with lime mortar, matching original joints in width, texture, and finish.
- e. Install new lead flashings and trays in accordance with Lead Sheet Association (LSA) guidelines.
- f. Inspect and ensure stability, alignment, and weatherproofing on completion.

#### 3.2. Key Objectives

- a. Protect and retain as much original material as possible.
- b. Match new works to existing historic fabric in material, colour, texture, and detailing.
- c. Prevent damage to surrounding roof structures, finishes, and internal spaces.
- d. Comply fully with health, safety, and environmental legislation.
- e. Adhere to conservation best practice and Listed Building Consent conditions.

#### 3.3. Materials

- a. Bricks: Reclaimed imperial bricks to match existing (size, colour, texture).
- b. Mortar: Natural hydraulic lime (NHL 5) and attempting to match existing composition and colour.
- c. Leadwork: Code 4–5 sheet lead with patination oil, fitted to LSA standards.
- d. Scaffolding: Independently tied scaffold with full boarded working platform and edge protection.
- e. Hand tools only for dismantling to minimise vibration and protect surrounding masonry.

#### 3.4. Preliminaries

- a. Erect scaffold, ensuring no fixings damage the historic masonry or roof coverings.
- b. Protect adjacent roof areas, rainwater goods, and internal spaces with sheeting and dust barriers.

#### 3.5. Dismantling

- a. Photograph existing chimney from all sides for record purposes.
- b. Carefully dismantle the stack by hand from top down.
- c. Label and store sound bricks for reuse; dispose of any unsound materials responsibly.
- d. Remove all mortar residues from reusable bricks using wooden or plastic tools (no grinders).

### 3.6. Rebuilding

- a. Lay reclaimed bricks in lime mortar, replicating original bonding pattern and dimensions.
- b. Install new lead damp proof course (DPC) and flashings.
- c. Rebuild flaunching to match existing profiles and provide adequate water runoff.
- d. Ensure vertical alignment and plumb line checked at every course.

### 3.7. Completion

- a. Allow lime mortar to cure naturally (avoid forced drying)
- b. Remove scaffolding upon completion and clear debris.
- c. Final photographic record submitted to client and conservation officer.

### 3.8. Environmental & Heritage Considerations

- a. No cement-based materials to be used
- b. All water run-off and lime washings to be contained and prevented from entering drainage systems
- c. Original materials stored and handled carefully to avoid contamination.
- d. Dust suppression to be applied where necessary