

1.0 INTRODUCTION

This statement was prepared by Billing Chimneys on 13th August 2020 following consultation relating to the works proposed within the application. A summary of the report has been prepared to accompany a planning and listed building consent application for Poplar Cottage, Cart Lane, Chilbolton, Hampshire, SO20 6BA.

2.0 TWIN WALL INSTALLATION & CHIMNEY HEIGHT INCREASE



The chimney is to be accessed with scaffolding and the existing chimney pot removed along with the associated weather flashing, to be disposed of as required.

The metal bars seen traversing the flue shaft are then to be removed and disposed of as required.

The flue shaft is to be swept thoroughly throughout its height and a CCTV camera used to ensure its suitability for re-lining.

The top two corbelled courses of brickwork are to be removed and the bricks salvaged. A new lead DPC course is to be positioned above the existing brickwork, dressed across the whole area of the chimney and upturned within the masonry flue shaft. Weep vents will be positioned in the brickwork above to allow any penetrating rain or water to run clear of the chimney before the roof line.

The chimney is then to be extended in new brickwork, in a new or second hand brick to match the existing as closely as possible, to achieve approximately 1200mm of brickwork, of a design to be agreed. A new 600mm tall chimney pot will then be positioned above the flue shaft and held in position with new weather flashing set at a steep pitch to shed water. An appropriate bird guard will then be installed upon the pot to reduce the risk of bird nesting material causing an obstruction within the flue shaft.

Assuming no further issues are observed with the flue shaft, in conjunction with the extending of the chimney, we propose to install a new 200mm internal diameter stainless steel twin wall ICID Plus flue system.

The twin wall flue will be supported with a wall support positioned above the level of the closure plate. The flue will then rise throughout the masonry flue shaft, passing through the new chimney pot and terminate with a tapered insulated terminal.

It is likely access will be required directly into the flue shaft to allow the installation to be undertaken and the required lateral supports installed. We propose that access is made in the first floor bedroom. All brickwork will be carefully toothed out and set aside for reuse. Once the installation has been completed, the brickwork will be carefully toothed and bonded back into position, left ready for others to apply a plaster and decorated finish if required. We also propose to rake out all exposed mortar joints within the bedroom, to a minimum depth of 25mm and then repoint with lime mortar.

POPLAR COTTAGE, CHILBOLTON

JANUARY 2021

A new closure plate is then to be installed at a discreet height within the fire opening, an inspection hatch will also be incorporated to allow the inspection of all connecting joints.

A heat shield is then to be fixed to the reverse of the timber beam to sufficiently reduce the minimum distances to combustible materials. This will be spaced no less than 25mm.

A new permanent air vent is then to be installed to meet the requirements of the chosen appliance in a position to be decided on site.

The chosen appliance is then to be positioned within the fire opening and connected to the new twin wall flue system with all necessary components and fittings, to be sprayed matt black to match the appliance.

Once the installation is complete, a new CO alarm will be fitted in accordance with section 2.36 of Approved Document J and a data plate will be fitted next to the consumer board. The necessary testing and commissioning will then be undertaken prior to the building inspector providing the final certification of completed works.



Billing Chimney & Flue Services Ltd
Crosslanes Farm, Mockbeggar Ringwood Hants BH24 3NH
Registered Office Suite 2B 2nd Floor Lynes House
Lynes Lane High Street Ringwood BH24 1AG
VAT No 768 7717 65 Co Reg 4520973

