

**AMBERLEY PLACE
THE ALLEY
AMBERLEY
WEST SUSSEX**



Proposal for the installation of an external air conditioning heat pump next to a Grade II Listed dwelling

Design and Access and Heritage Statement

For: Mr & Mrs Cunningham
Amberley Place
The Alley
Amberley
West Sussex
BN18 9NG

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**JANUARY 2024
Revisions:**

AMBERLEY PLACE, THE ALLEY, AMBERLEY

1.0 INTRODUCTION

This report has been prepared on behalf of Mr. & Mrs. Cunningham, the present owners of Amberley Place, it is their wish to install an air conditioning heat pump to be located externally next to the C20th garage of their Grade II Listed home.

2.0 EXISTING

2.1 Location and setting:

Amberley Place is located on the northern edge of the village of Amberley, situated at the foot of the South Downs 4 miles north of Arundel. To the north of Amberley Place is the tidal plain of the river Arun known as Amberley Wild Brookes. The property is located at the end of The Alley on the east side, a shared access private road which also leads to a handful of other properties. The property sits along the western boundary of the site with a driveway to the north and extensive gardens to the east and north-east.

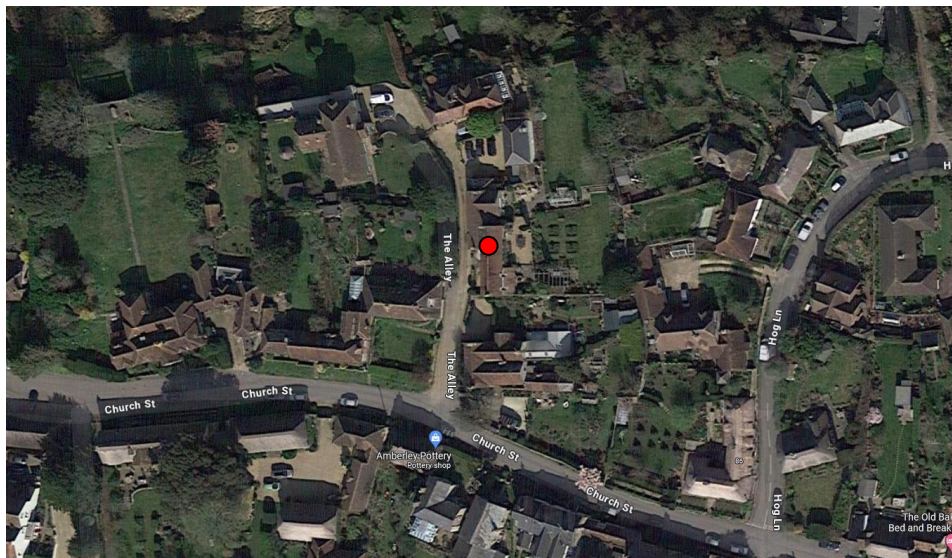


Fig.1 Locational Map showing Amberley Place marked in red.

2.2 Listing

The property is included in the Statutory List, listed Grade II.

Statutory Address: AMBERLEY PLACE, THE ALLEY, CHURCH STREET The building or site itself may lie within the boundary of more than one authority.

County: West Sussex

District: Horsham (District Authority)

Parish: Amberley

National Park: SOUTH DOWNS

National Grid Reference: TQ 02953 13218

Details: Early C19. L-shaped block, originally three cottages. Two storeys. Seven windows. North wing faced with flints, south wing stone rubble, both with red brick dressings and quoins. Tiled roof. Casement windows.

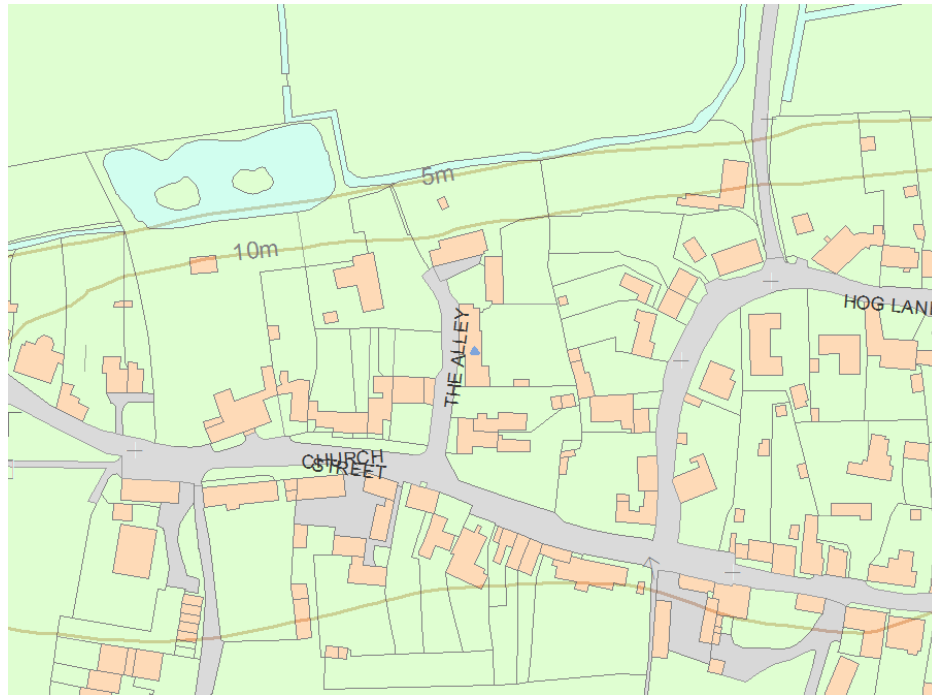


Fig.2 Statutory Listing Map

2.3 Historic Environment Record

The online Heritage Gateway was consulted. A report on the history was prepared by Annabelle Hughes in 1995 which is included below.

2.4 History of Amberley Place

Amberley Place has been developed over the centuries, which from assessment of historical maps is understood to be of earlier construction than the Listing suggests albeit both within the late C18th/early C19th, and the garage, which is of later C20th construction.

From historical research, it is understood that Amberley Place was once three separate cottages.

The garage, which is of relevance to this application, located to the north end of the property is a C20th addition.

- Red - Mid/Late 18th Century
- Blue - Late 18th/Early 19th Century
- Green - 20th Century

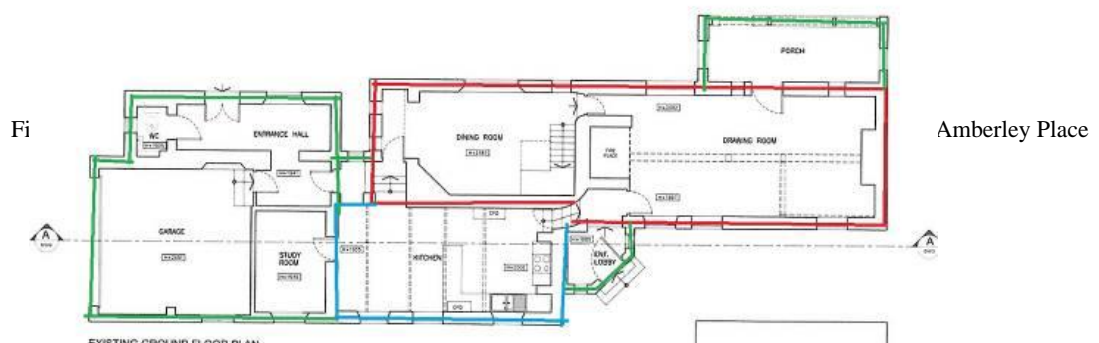


Fig.3 Ground Floor Plan of Amberley Place, showing the historic progression of the dwelling

AMBERLEY PLACE, THE ALLEY, AMBERLEY



Fig.4 1813 Amberley Enclosure Map, shown as plot 13.

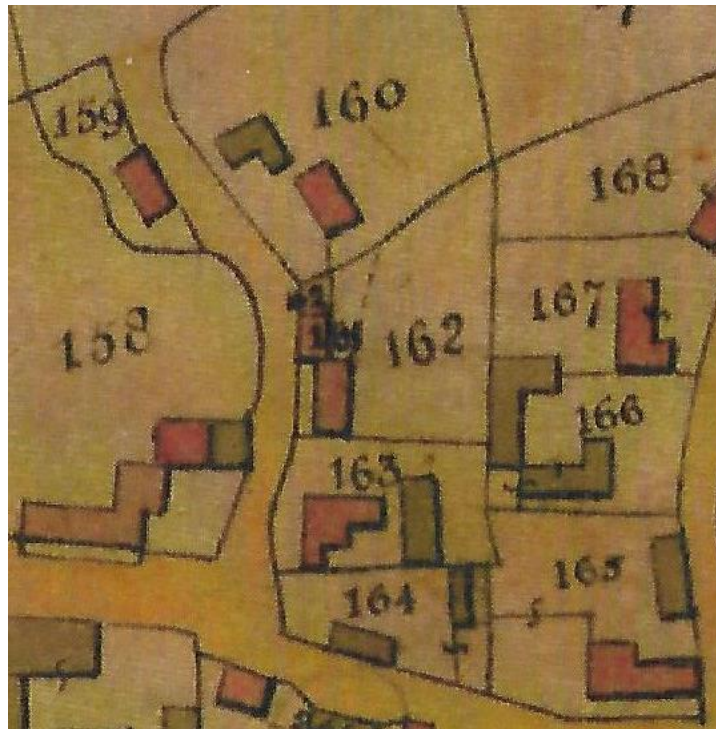


Fig.5 Extract from 1847 Tithe Map showing the property as 161 & 162

The 1912 Ordnance Survey map shows that the footprint does not appear to have altered since the Tithe Map surveyed of 1847.

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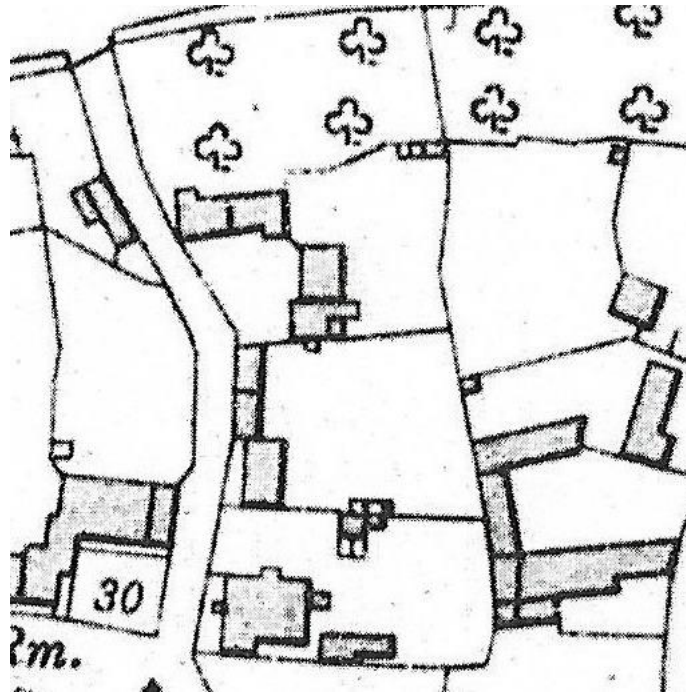


Fig.6 1912 OS Map showing Amberley Place

However, the 1973 OS Map shows a change to the footprint, showing an addition to the northern range. An examination of the planning record held by Horsham District Council revealed that these changes had not taken place since their records began in 1947, indicating that these changes most likely took place during the 1920s/1930s.

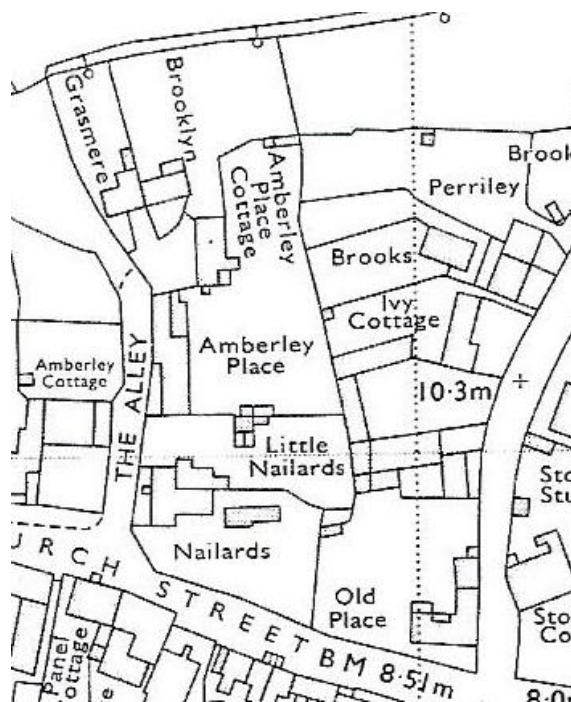


Fig.7 1973 OS Map showing additions to Amberley Place

2.5 Historic Planning Applications

Application ref:	SDNP/23/00165/HOUS
Application Date:	28 Mar 23
Proposal:	Extension to potting shed
Status:	Permitted
Application ref:	SDNP/20/03781/HOUS & SDNP/20/03783/LIS
Application Date:	28 Sep 2020
Proposal:	Erection of a greenhouse
Status:	Permitted
Application ref:	SDNP/20/02986/TCA
Application Date:	21 Jul 2020
Proposal:	fell 2x Leyland cypress, 1x group of Elaeagnus x ebbingei and surgery to 1x cherry laurel and 1x sycamore (works to trees in Conservation Areas)
Status:	raise no objection
Application ref:	SDNP/18/05164/TCA
Application Date:	08 Oct 2018
Proposal:	surgery to 1x yew (works to trees in Conservation Areas)
Status:	raise no objection
Application ref:	SDNP/18/02088/HOUS & SDNP/18/01525/LIS
Application Date:	19 apr 2018
Proposal:	erection of an oak frame pergola within rear garden
Status:	permitted
Application ref:	SDNP/18/00627/TCA
Application Date:	02 feb 2018
Proposal:	fell 1x foxglove (works to trees in a conservation area)
Status:	raise no objection
Application ref:	SDNP/16/04978/LIS
Application Date:	19 oct 2016
Proposal:	internal alterations to include underpinning to the kitchen floor, new first floor structure above kitchen area, structural reinforcement works, changes to the internal layout and the reinstatement of the dining room fireplace.
Status:	permitted
Application ref:	SDNP/15/06487/TCA
Application Date:	29 dec 2015
Proposal:	surgery to 1 paulowia tree (works to trees in conservation area)
Status:	raise no objection
Application ref:	SDNP/15/02296/TCA
Application Date:	29 dec 2015
Proposal:	fell 3x leylandii trees (works to trees in conservation area)
Status:	raise no objection

Application ref: SDNP/14/00783/TCA
Application Date: 11 feb 2014
Proposal: surgery to 1x foxglove tree and 1x leyland cypress hedge
(works to trees in conservation area)
Status: raise no objection

2.6 The Existing Fabric Analysis

The proposed alterations relate only to the northern C20th additions to Amberley Place, being the replacement of the existing bin store with an enclosure to house the new heat pump.

There are no other proposed changes to the property.

Side, north elevation:

The existing side and north elevation of the property comprises in the foreground of the single storey C20th garage element which is finished in red brickwork in Flemish bond under a hipped clay tiled roof. the garage doors a bi-folding timber framed with vertical paneling and high-level glazing. C20th additions also include to the left a small timber framed window and roof light within the inward hipped roof pitch which service the utility room. In front of this is a timber framed enclosure which houses the bins.

In the background the earlier C18 and C19th two storey elements are visible with gable end in painted brickwork and rear projecting gable showing clay tile roof with brick quoining and stone wall.

The rear garden is enclosed by the high-level stone wall seen to the left-hand side of the frame, resulting in the C20th elements of the north elevation having no impact on the rear elevation.



Fig.7 photo of the existing side north elevation

3.0 DESIGN PROPOSAL

3.1 Proposal

The proposal is to place a Daikin HHT3 EPRA18DV37 heat pump in the location of the existing bin store on the left-hand side of the northern elevation concealed within the existing recess, which will be enclosed within a custom-built timber framed structure as recommended by the Conservation Officer Sean Rix. The pump will be linked to the Daikin ETBH16E6V7 indoor unit (wall mounted) and unvented hot water calorifier located within the existing C20th garage. And will be connected into the existing heating system.



Fig.8 photo showing the proposed location for the pump



The new range of Pump House Louvered Wooden Guards are available in many sizes to suit most standard sizes of air source heat pumps. They are manufactured from tannalised treated timber for added weather protection and longer life.

Designed to optimise airflow with louvered panels to the top, sides and front which are angled to deflect airflow downward.

- Improves visual appearance of the heat pump
- Louvered panels to optimise airflow
- Pressure treated external grade timber
- Sized to suit most standard sizes of ASHP's

For further information please contact sales –
Pump House, Glaisdale Drive East, Nottingham
NG8 4LY



Fig.9 example of the custom pump house enclosure recommended by the Conservation Officer

<https://www.pumph.co.uk/product/wooden-guards/>

3.2 Internal Alteration

The proposal will include connection through the existing C20th wall of the garage to connect the external pump to the internal elements. The proposal is to connect into the existing heating system for the property resulting in no other internal alterations.

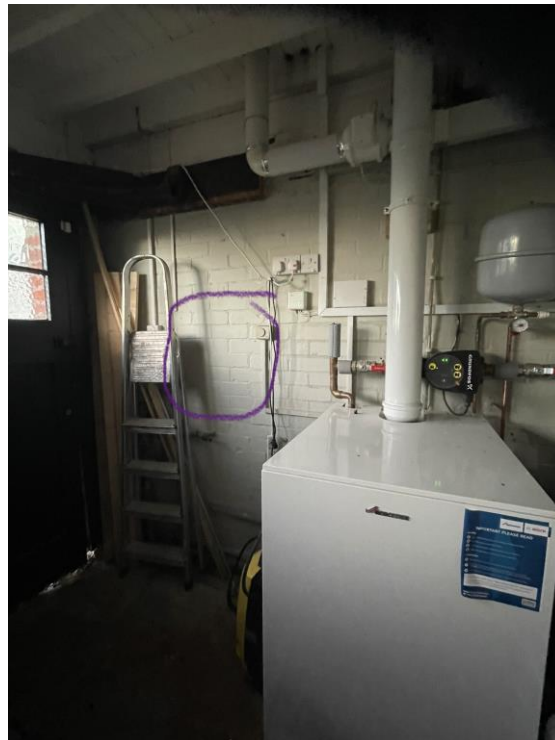


Fig.10 proposed location for the wall mounted ETBH16E6V7 indoor unit within C20th garage.



Fig.10 proposed location for the unvented hot water cylinder within C20th garage, replacing existing cylinder..

4.0 HERITAGE IMPACT ASSESSMENT

4.1 Front East, Side South, and Rear West Elevations

There is no change proposed to the front, side (south), or rear elevation of the property. All works are limited to the location of the existing bin store attached to the C20th garage on the side north elevation.

Assessment: No Impact on the Heritage Asset.

4.2 Side North Elevation

The proposal includes the replacement of the existing timber framed bin store with a new timber framed enclosure which will house the new heat pump. The proposal has no impact on the Heritage Asser, being located adjacent to the C20th garage extension element of the property and also concealed from view from the rear elevation by the high-level stone garden wall.

Assessment: No impact to the Heritage Asset.

5.0 DRAWINGS & SUPPORTING DOCUMENTS

Refer to attached:

- 24864/100: Existing Site Plan and Site Location Plan
- 24864/110: Existing Plan
- 24864/120: Existing Elevations
- 24864/200: Proposed Site Plan and Site Location Plan
- 24864/210: Proposed Plan
- 24864/220: Proposed Elevations

6.0 CONCLUSION

The proposal is to instal a heat pump to service Amberley Place. The proposal includes the replacement of an existing timber framed bin store with an enclosure to house the new heat pump, this is located on the north side elevation of the property which comprises of the C20th garage additions. This element of the property has no Heritage value being of modern construction, and the proposal would have no further impact on the setting of the Heritage asset that already exists.



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JKD/gen/24865
18 January 2024

Revisions: