

Reference: 24/10159

Planning Application for 6 Solent Road, Dibden Purlieu SO45 4QG

DESIGN & ACCESS STATEMENT

1. Introduction

This Design and Access Statement has been prepared in support of a householder planning application for the installation of an air source heat pump at 6 Solent Road. This document is submitted in accordance with Policy D2 of the Hythe & Dibden Neighbourhood Plan.

2. Design Principles

Previous remodelling at No.6 has included increased insulation, increased radiator size and the addition of underfloor heating which all support the installation of a more efficient and greener source of heating. The installation of an air source heat pump removes the need for natural gas at the property and presents further opportunities to reduce the property's carbon footprint through use of grid electricity generated from renewable sources and the potential to install solar panels at the property in future.

The proposed siting of the heat pump has been chosen to minimise its impact on surroundings and to simplify connection to the existing heating pipework. The proposed location means that the heat pump cannot be seen from Solent Road and has no impact on access. The existing 1.8m high panel fence along the boundary, combined with the 3.6m distance from the front of the unit to the boundary minimises any impact on the nearest neighbour at No. 4a. The heat pump cannot be seen from this neighbouring property and there is only one small window on the neighbouring house wall in the direction of the heat pump – it is understood that this window is not serving a habitable room.

3. Site and Surrounding Area

Solent Road is a one-way street which joins Roman Rd to Whinfield Rd. There is a foot path on the opposite side of the road from No. 6. The properties along the road vary in design and scale and all have off-street parking. There is parking space for four cars at the front of No. 6 and pedestrian only access on either side of the property to the rear garden. The proposed location of the heat pump will not have any impact on this access.

In relation to the proposed heat pump siting, the rear of No. 6 adjoins to the end of a long rear garden of The Clouds (off Roman Rd) and therefore should not have any impact on these neighbours. Also, the proposed location of the heat pump would be hidden from No. 8 by the rear wall of the property, and therefore would not have any direct impact on this neighbour.

4. Proposed Development

It is proposed to remove the existing gas boiler and to install a Samsung monobloc 12kW air source heat pump (model AE120CXYDEK/EU) on the side of the rear dining room located between the two non-opening windows. The unit dimensions (1270mm wide x 1018mm high x 530mm deep) mean that the volume of the unit is 0.69 cubic metres and therefore above the limit of 0.6 cubic metres for permitted development, leading to this planning application.