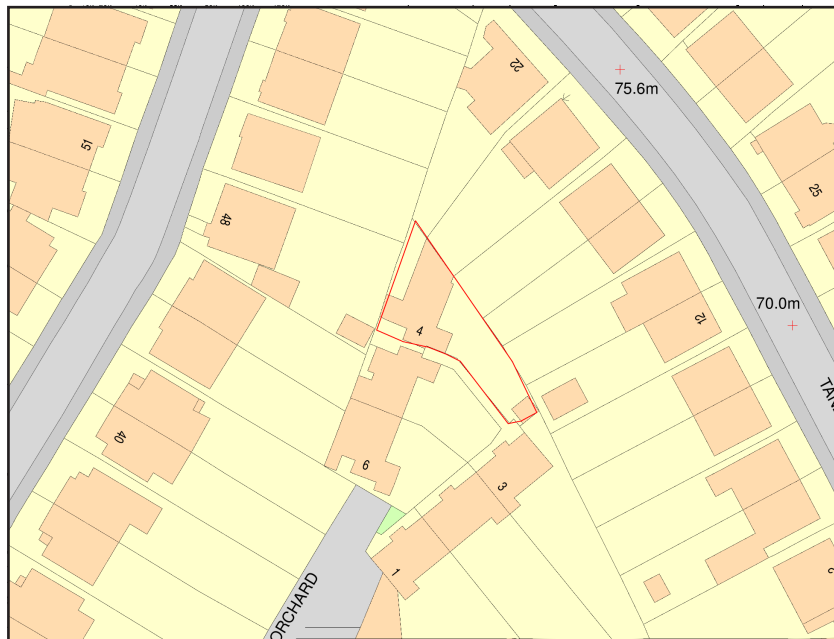


Design & Access Statement Air Source Heat Pump 4 The Old Orchard October 2020



Introduction

1. This is the Design & Access Statement in respect of a proposal to add an Air Source Heat Pump (ASHP) within an Acoustic Enclosure in the concealed rear patio to the rear of the house.

See Drawing issue sheet for drawing numbers.

2. Number 4 The Old Orchard falls in the South Hill Park Conservation Area. The site is under the direction of Camden Council's Local Plan for development. Although within a Conservation Area, the site sits outside Article 4 direction that would restrict permitted development. Planning policy guidance includes:

- The London Plan 2016
- Camden Local Plan
- Relevant CPC's (Camden Planning Guidance)
- South Hill Park Conservation Area

3. The house was built between 1978-1980 and although attributed to Ted Cullinan in the 1970's the design was amended by the Architect Stanley Trevor.

4. It is a 2 storey detached house built with a ground and lower ground floor built into a slope and is surrounded by residential gardens and there are no views towards it.

5. It was the subject of a major refurbishment in 2008 when a side and rear extension were built.

Proposal

6. This application is for the installation of an ASHP to work in conjunction with the 30 solar panels on the roof which will drastically reduce the carbon footprint of the house. The ASHP will be located within a pre-galvanised sheet steel acoustic enclosure, which will have two solid sides and two sides with louvres to allow the air in and out.

The provision of the ASHP is in line with The Camden Local Plan, Policy CC1 Climate change mitigation:

- *Support and encourage sensitive energy efficiency improvements to existing buildings*
- *Decentralised energy generation*

and Policy CC2 Adapting to climate change:

- *measures to reduce the impact of urban and dwelling overheating, including application of the cooling hierarchy*

Conclusion

7. The proposal for the air source heat pump is in keeping with the Camden Local Plan and its ambition to reduce carbon within the local area and optimise the use of more sustainable methods of energy and heating. The ASHP will be far more efficient in terms of heating the house which is also being completely refurbished and insulated. The acoustic enclosure will sound pollution to a very low level and so inaudible to any properties (all of which are distant from it)

Rear Patio Photographs



Location of ASHP