

15/0048/HULL
RYEDALE

14 APR 2015

4 STATION COTTAGES, HUTTONS AMBO

PLANNING APPLICATION FOR ASHP – SUPPORTING STATEMENT

DEVELOPMENT
MANAGEMENT

My wife, Amanda Goodman, and I purchased 4 Station Cottages at the end of August 2014. The property was marketed as 4 and 4A Station Cottages – a house with a 2 bedroom Annex - but the property is covered by one land registry entry.

We are making some internal changes to the property, primarily to remove the annex kitchen and will in due course apply to have the property re-valued/rated as one property rather than two as currently.

We also wish to replace the electric night storage radiators and immersion water heaters with a modern and efficient heating and hot water system. We would like to install an air to water heat pump to supply hot water and heating to the property, via underfloor heating on the ground floor and radiators on the first floor.

We have chosen Solarwall as the supplier and installer of this new system, and worked closely with them in the design and specification of the system. The proposed system will be fed by a Vaillant aroTherm 15Kw air to water heat pump. The key factors in choosing this model of ASHP is that the unit is the most aesthetic heat pump we have seen, it is highly efficient, and it also has been awarded a Quiet Mark award.

Solarwall have calculated that a 15Kw ASHP is required which has a 0.7cu m cabinet, and therefore exceeds the 0.6cu m limit for permitted development.

The proposed site of the ASHP is on the east elevation of the property. The unit requires 120mm clearance to the rear, which together with the 463mm depth of the unit leaves over 1 metre from the front face of the ASHP to our boundary and the private footpath which runs from Water Lane and serves Station House and 1-6 Station Cottages. All other components of the system will be housed in the loft of the single storey part of the property.

The ASHP will replace the existing green plastic shed. The following photos will hopefully assist in understanding the proposed location the ASHP.



East elevation viewed from garden of Station House



East elevation viewed from private footpath from Water Lane serving Station House and 1-6 Station Cottages



Proposed site of ASHP (replacing existing green shed)

Signed

Gary Goodman

13/04/2015