

The White Hart, Bishops Caundle

Planning & Listed Building Consent Applications – demolish skittle alley extension and erect 1 No. dwelling with garage / store, form vehicular access.

SUSTAINABILITY STATEMENT

With current energy cost and well documented global warming, it is our intention to where possible to minimise our carbon footprint, so we are intending to look at renewable for all utilities.

Electricity

We intend to install solar panels to the roof of the store/garage, on both south facing and west facing roof, these will produce electricity stored in batteries, which will then power the house, as well as charging our cars.

Mains electricity will be fitted with a smart meter; this will enable us to monitor our usage.

Heating

Both down stairs and upstairs floors will be under floor heating, generated by air source heat pump, which can absorb heat from outside the new house and release it inside using, the same vapour-compression refrigeration process and much the same equipment as air conditioners but used in the opposite direction.

As the house will be well insulated and the windows double glazed, we will look to keep the house @ a constant 18°C which is the most efficient option.

Rain Water

All roof water will be harvested, for use in the garden, washing vehicles and the fishpond.

Roger & Rachel Paull
The White Hart
Bishops Caundle