
WATDESIGN

Eco System Services Statement

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Site Name: 80 Andlers Ash, Liss, Hampshire, GU33 7LR

This Ecosystems Services Statement accompanies the application for a proposed single storey rear extension with internal reconfigurations. Raise height on side elevation to form new cat slide roof and reconstruction of the existing car port along with the construction of a bike and garden store.

Located within the South Downs National Park, the scheme has been designed in line with Policy SD2: Ecosystem Services. An explanation of how each criteria of Policy SD2 has been addressed can be found within this statement.

The sections included in this statement are:

A : Sustainably manage land and water environments

B : Protect and provide more, better and joined up habitats

C : Conserve water resources and improve water quality

D : Manage and mitigate risk of flooding

E : Improve the National Park's resilience to, and mitigation of, climate change

F : Increase the ability to store carbon through new planting or other means

G : Conserve and enhance soils

H : Support the sustainable production and use of food, forestry and raw materials

I : Reduce levels of pollution

J : Improve opportunities for people's health and well-being

K : Provide opportunities for access to the natural and cultural resources which contribute to the special qualities

A : Sustainably manage land and water environments

The proposal has been designed to cause minimal impact upon the landscape character of the site. The existing natural drainage ditch that runs along the site will be retained and is used to help with the natural drainage of the site.

Overall outcome and impact: Postive

B : Protect and provide more, better and joined up habitats

The existing landscaping and vegetation will largely be retained and managed by the applicant.

The building will be enhanced for bats using at least one integrated bat box/bat brick (e.g. a Habibat Bat Box, an Ibstock Enclosed Bat Box, a Schwegler Bat Tube, or similar), which provides a cavity that is incorporated into the external build structure to offer roosting space for bats. This bat box will be erected as high as possible, facing south or south-west with a clear exit path. Two swift boxes will be built into the new extension (preferred) or attached to the exterior wall of the House to provide new nest sites. Swift boxes can be supplied and installed by Hampshire Swifts (<https://www.hampshireswifts.co.uk>) and a new soffit design is also available (this box is also suitable for sparrows). One 32mm hole bird box, such as a Vivara Pro Seville 32mm Woodstone Nest Box, suitable for blue tits and great tits will be erected within vegetation on the site or attached to the exterior wall of the building.

C : Conserve water resources and improve water quality

There is no existing water resource to conserve.

Overall outcome and impact: neutral, potentially positive

D : Manage and mitigate risk of flooding

The site sits in flood risk zone 1, which means that there is a low probability of flooding, with the probability being less than 0.1% from rivers or the sea. As highlighted in section A there is also a natural drainage ditch that runs along the site will be retained and is used to help with the natural drainage of the site.

Overall outcome and impact: positive

E : Improve the National Park's resilience to, and mitigation of, climate change

The building fabric of the proposed extension is designed to exceed the standards set out in Building Regulations Approved Document L. Likewise the existing building fabric will be vastly improved with the introduction of insulation where possible. The property will have new doors and windows throughout and an Air Source Heat Pump (ASHP) will be installed.

Overall outcome and impact: positive

F : Increase the ability to store carbon through new planting or other means

The area around the property allows for additional planting to take place and the proposals incorporate the use of additional plants and scrubs along the boundaries. As highlighted previously the existing landscape will remain largely untouched.

Overall outcome and impact: positive

G : Conserve and enhance soils

The design has been developed to ensure there is minimal amount of earthworks required. Compost bins shall also be provided for suitable food waste which once distributed will help maintain and improve the level of nutrients within the sites soils.

Overall outcome and impact: positive

H : Support the sustainable production and use of food, forestry and raw materials

The Garden around 80 Andlers Ash provide ample space for the production of home grown food. The proposed material palette includes timber cladding which shall be sourced, where possible from local areas. All other construction materials will also be locally sourced where appropriate.

Overall outcome and impact: positive

I : Reduce levels of pollution

The proposal has been designed to make the most of passive solar gain which reduces the dwellings heating demand. The heating demand that remains will be facilitated by an Air Source Heat Pump reducing the overall levels of energy consumption.

Overall outcome and impact: positive

Criteria J : Improve opportunities for people's health and well-being

Located within the South Downs National Park itself, the site therefore provides an immediate opportunity for a wide range of outdoor activities providing many health benefits and opportunities for exercise.

Overall outcome and impact: positive

Criteria K : Provide opportunities for access to the natural and cultural resources which contribute to the special qualities

As stated above in Criteria J, the site is situated within the South Downs National Park itself. Liss has long lasting cultural heritage and The old village of West Liss and the railway village of Liss are just a couple of areas to visit.

Overall outcome and impact: positive
