

Ecosystems Services Statement

Proposed demolition of existing of existing porch and replacement single storey rear extension

The Cottage, 330 Grove Street, Petworth GU28 0BD

1 Purpose

Applications for development within the South Downs National Park (SDNP) must be accompanied by an Ecosystems Services Statement, demonstrating compliance with policy SD2 of the SDNP Local Plan. Proposals must demonstrate that they will have a positive impact on the natural environment. Such positive impacts will be achieved through a well-considered approach to the design. The full wording of policy SD2 is as follows:

Core Policy SD2: Ecosystem Services

1. Development proposals will be permitted where they have an overall positive impact on the ability of the natural environment to contribute goods and services. This will be achieved through the use of high quality design, and by delivering all opportunities to:
 - a) Sustainably manage land and water environments
 - b) Protect and provide more, better and joined up natural habitats
 - c) Conserve water resources and improve water quality
 - d) Manage and mitigate the 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 peoples' health and wellbeing
 - k) Provide opportunities for access to the natural and cultural resources which contribute to the special qualities.

2 Method

The approach taken has complied with the South Downs National Park guidance and followed the staged process which is as follows:

- Stage 1: Consider the environmental constrains
- Stage 2: Look at the criteria listed in Policy SD2
- Stage 3: The Ecosystem Services action

3 Ecosystems Services Action

Ecosystems Services Actions	Policy SD2 Criteria
Excavated soil from foundations will be dispersed on site or removed by companies that are accredited by the Environment Agency.	a), e) and g)
Rainwater will be harvested and used for watering the garden. Overflow will drain into a suitably sized soakaway.	a), c) and d)
The insulation to the new extension will be far better than the existing building and will comply with current Building Regulations.	i), j) and e)
All building materials will be purchased, wherever possible, from local merchants and from sustainable sources.	a), e), h) and i)
All kitchen appliances will be Grade A.	c), e), h) and i)
The existing boiler will be replaced with a new modern condensing boiler with a SEDBEK rating of 95% or more. All new and existing radiators will be fitted with thermostatic valves.	e), i) and j)
Existing mature shrubs, hedgerow and lawns are retained.	b), f) and i)
New planting to the borders will include native species of flowers and plants.	b), e), f) and i)
New paving where required will be permeable	a) and d)