

# Ecosystem Services, Policy SD2

## Proposed Extensions and Alterations North Lodge Park Lane Upper Swanmore Southampton SO32 2QQ

*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; and*
- k) Provide opportunities for access to the natural and cultural resources which contribute to the special qualities.*

### Ecosystem Services.

Below is a table containing Ecosystem Services, possible 'actions' relating to this householder development, to comply with Policy SD2 of the South Downs Local Plan. More detailed proposals are also included within the accompanying *Bat Roost Assessment* by *Phillips Ecology*, dated October 2023.

<b>Possible Actions</b>	<b>Relevant Policy SD2 Criteria</b>
The use of water butts where appropriate to capture and re-use rainwater on site (watering the garden, cars).	A, C, D.
Protect and retain existing good grade trees, planting and hedgerows.	B, F, I.
Increase / reinforce areas of planting and introduction of additional countryside hedgerows using native species.	A, B, E, I.
Safeguard wildlife habitats and protected species. Include bat access points on roof of altered dwelling (2 at ridge level, 2 x tiles). 1 x Schwegler 2F bat box to be installed on a mature tree located within the site grounds.	B.
Use permeable surfacing.	A, C, D.
Provide bird nesting boxes, on or close the proposed development.	B, K.
Improved garden area will provide an opportunity for gardening and promote health / stress management.	J
Provide or improve composting bins for garden and kitchen waste.	G
Select plants to provide a variety of food for wildlife e.g. nectar rich/berries/grasses.	B, E, F, I
Installation of solar (PV) panels with storage batteries to reduce the occupant's carbon footprint.	E, I

Prepared February 2024 on behalf of Mr and Mrs F Kinchin.  
To accompany a Householder Planning Application.

**Doc. Ref: 2020.10.01\_Ecosystem Services**



**N & J Design Ltd**  
7 Hedley Gardens  
Hedge End  
Southampton  
SO30 2WT

T: 07840 404620 [www.nandjdesign.co.uk](http://www.nandjdesign.co.uk)