

**KEY**



**Summer bat roost boxes (2-3)**

Made from woodstone, the Harlech is a small cavity bat box that offers excellent insulation and minimum condensation for roosting bats. Suitable for free mounting. Ideally 2 to 3 boxes should be erected facing in different directions to account for temperature changes day to day. Boxes should be installed at least 3 metres from the ground and with a direct flight line. Dimensions: 19 x 24 x 18 cm. Entrance slot: 2 x 8 cm

(Photo from: <https://www.wildcare.co.uk/harlech-woodstone-bat-box-11266.html>)



**Bat/swift box combined**

The well thought-out principle of the Double Chamber Swift Box, allows two pairs of Swifts to brood separately from each other and produce new offspring successfully. The rear wall is set back, providing sufficient space between the building wall the box for bats to use it as a roost or nursery roost. The design, shape and texture of the rear bat area is created to meet the needs of bat species that live in buildings, such as the Pipistrelle Bat. Due to the robust design, the DMF can also be used in sunny, exposed locations with no problem at all. To be installed on northern wall.

(Photo from: <https://www.wildcare.co.uk/schwegler-1mf-double-swift-box-10117.html>)



**Swift box**

Designed specifically for Swifts, this traditional Wooden Swift Nest Box with a sloping roof, is a single chambered box and has a semi-circular entrance hole at the front of the box.

Site the box as high as possible, ideally close to the eaves of a building with a clear exit, as Swifts need to be able to freefall as they leave the nest. To be installed on northern wall.

(Photo from: <https://www.wildcare.co.uk/>)



**Sparrow terrace**

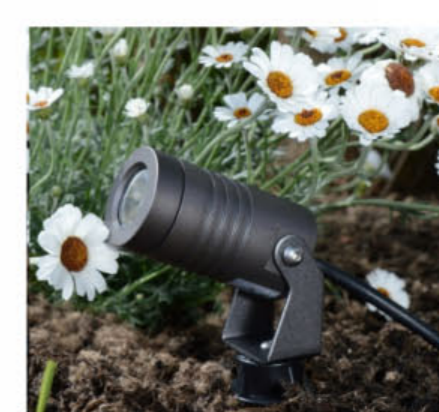
This attractive wooden sparrow terrace is split into three chambers with a 32mm entrance at the front and one at either side of the box. Hinged roof for easy inspection. Install below the roof apex or eaves, away from windows and climbing plants/trees. To be installed on eastern wall.

(Photo from: <https://www.wildcare.co.uk/house-sparrow-terrace-nest-box-11263.html>)



**Hedgehog "highway"**

13 x 13 cm gaps left at ground level to allow movement of hedgehogs through the landscape and encourage them off the roads.



**External Lighting** ●  
External lighting located and selected to mitigate effects on bats, according to ecologists recommendations.  
Ground spike directional LED lights distributed as required to illuminate low hedges, bushes, flower beds and trees maintaining darkness at high level for bat roosts.

Note this plan is for planning purposes only and is not suitable to be used for construction. All ecological enhancements measures are advised at this stage. Their implementation is to be supervised by an ecologist during construction.

Refer to GUA-DR-L-001 for Illustrative Landscape Masterplan.

Rev	Date	Comments	Dr'w	App
P02	27/08/2019	Amended to architect's comment rvd 22.08.2019	MC	CX
P01	02/08/2019	First Issue	GH/MC	RM

Client: <b>Seqoya</b>		Site: <b>101 Brookmans Avenue, Brookmans Park</b>	
Scale: 1:200 @ A1	Date: 02/08/2019	Drawn: GH/MC	Approved: RM
Drawing Title: <b>ECOLOGICAL ENHANCEMENTS</b>		Drawing No: 1903-GUA-DR-L-002 P01	Revision: P01 <b>A</b>

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**guarda**  
landscape