



The Ecology Co-op

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R.e. Planning Application DC/18/2463 – Land to the North of Sandy Lane, Henfield.

The table below demonstrates the biodiversity enhancements made at Land to the North of Sandy Lane, Henfield through the creation of new native species rich hedgerows, native tree planting, installation of bat and bird nesting features, construction of reptile and amphibian hibernacula, and the creation wildflower meadow. The proposed hard and soft landscaping for the development is outlined in drawing number HED.1275.101 produced by Hyland Edgar Driver. The Mitigation and Enhancement Report produced by The Ecology Co-op¹ outlines the processes for the creation and enhancement of these habitats.

Habitat	Pre-existing Area	Created/Enhanced	Comments
Arable Land	1.9 Ha	0.27 Ha of open green space in addition to wildflower meadow.	Arable field will be converted to a mixture of wildflower meadow, green space, residential dwellings, garden space and hard-standing. Tree, hedgerow, shrub, and scrub planting will be located throughout the development and along the boundaries.
Intact Hedgerows	Approximately 51m	The existing hedgerows will be retained and enhanced. Approximately 433 linear metres of new native planting along with infilling and reinforcing existing hedgerows.	New native hedgerows will be planted throughout the development. A small section (no more than 3 linear metres) of hedgerow is expected to be lost in order to widen the existing access.
Scattered Trees and Tree Lines	Approximately 435m	435m – all trees are to be retained as part of the development.	There will be additional tree planting throughout the proposed scheme and along

¹ Burkitt, J. (2017) Mitigation and Enhancement Statement, Land at Sandy Lane, Henfield, West Sussex. The Ecology Co-op Ltd. 14th December 2017. Doc Ref P2207

			the boundaries of the site. This will create wildlife corridors around and through the development and enhance invertebrate diversity and abundance. In addition, this planting will provide increased foraging and commuting habitat for bats and nesting areas for birds.
Poor Semi-improved grassland	Approximately 0.08 Ha	New rough grassland and wildflower meadow areas will be created within the proposed site.	
Wildflower Meadow	0 Ha	0.2 Ha	The areas of green space within the site (western, southern, northern boundaries) will be sown with a wildflower mixture to increase biodiversity and the value of the area for reptiles, bats, birds and amphibians.
Potential Bat Roost Features in Trees	8 oak trees	8 oak trees	All mature boundary trees retained as part of the development.
Bat Roost Features in Buildings	0	15 new roosting opportunities	Bat boxes, bat access tiles, and bat tubes within the new residential dwellings as well along the site boundaries.
Bird Nesting Features	Trees, scrub, hedgerows	Trees, scrub, hedgerows along with the addition of a number of bird boxes and additional hedgerow, tree, scrub and shrub planting.	Bird boxes and a number of nesting pockets spread across the boundary trees and hedgerows.
Reptile Hibernacula	Some small log piles along the northern boundary.	Up to 5 new reptile and amphibian hibernacula constructed within the site upon retained habitats and new green space.	These hibernacula will be built using logs and branches piled on top of each other along with grass cuttings, earth and with turf laid on top to provide insulation. These will be located within the wildflower meadow areas throughout the site.
Hedgehog Hibernation and Foraging Habitat	Arable land - Some suitable habitat along the boundaries of the site and limited foraging across the site.	Increased foraging habitat in the form of wildflower meadows and native planting schemes. Trees and hedgerows are being retained.	Hedgehog 'highways' will be incorporated in the fence lines of all proposed residential dwellings to ensure there are no barriers to movement throughout for this species.

