Ecological Proposals

A Preliminary Ecological Appraisal was prepared in Mrch 2021 and recommendations were made to offset the loss of potential habitat in the trees and hedge which has been removed. These mitigation recommendations have been included within the design proposals and include:

Roosting and foraging bats mitigation strategy against the loss of trees which have bat roosting potential and the loss of suitable foraging and commuting habitat : The reinstatement of native hedgerows along all boundaries and a line of native trees to the southern boundary will provide suitable foraging and commuting habitat for bats within the site and will provide suitable roosting habitat once mature. More trees will be planted than are being lost, with a total of 19 standard trees plus 222 whips proposed for planting. Bat and bird boxes will be provided within the trees in the south-west corner, suitably located to maximise bat species usage.

Biodiversity Enhancement: The south-eastern end of the garden has been designed to have a more natural approach than a typical garden. A collection of native trees will be planted and the grass below will be a native meadow mix sward, underplanted with native spring flowering bulb species such as native bluebell, anemone, native daffodil, fritallary etc. This area will be subject to a restricted mowing regime, allowing the grasses to flower in early summer and provide food and habitat for invertebrates, reptiles and birds. The grass can also be planted/sown with nectar rich species such as evening primrose, fleabane and goldenrod. The hedge will include native honeysuckle which is also of value to night flying insects and bats.

Hedgehog passes: The use of a post and rail fence with stock fence against a native hedge normally allows for the passage of small mammals and reptiles, however, additional openings will be provided to allow passage of large mamamls such as hedgehogs,

Reptile hibernacula and dead wood/compost piles: These habitats are created from dead wood and turf and provide ideal habitats for invertebrates and reptiles. These will be provided within the wildlife area in the south-west corner of the garden.

Attractive dead wood pile

Large hibernacula

Boundary Treatment

The gardens will be enclosed with a 1.2m high simple timber post and rail fence with stock fencing. Where possible this will be set within the hedge, with the hedge whips planted in a staggered row on either side of the fence with the aim of eventually the fence being covered by the hedge. Where not possible, the fence will be located on the outside of the hedge.

Typical 1.2m high post and rail fence with hedge

Paving

The outer 6m of the driveway where it meets the carriageway will be surfaced with a permeable block paving such as Marshalls Tegula in Original. This will be laid on a permeable hardcore base to minmise water runoff into the highway and to provide Sustainable Drainage System (SUDS).

The inner area of the driveway will be paved with a retained gravel system such as Cellweb Gopla or similar, where the gravel is retained in a cellular product to minimise gravel movement and to create a surface suitable to take vehicular loading.

Geosynthetics golpla or similar retained gravel system

Marshalls Tegula Original permeable paving system

Existing trees retained

Proposed shrub and climber planting along gable end and porch

Wildflower meadow - to be planted alongside paths and amenity spaces

Amenity lawn

Retained gravel surface to car park e.g. Cellweb or Golpla

Permeable block paving

Patio paving

Wildflower meadow - *Road Verge Wildflower and Grass Seed mix by Habitat Aid* (www.habitataid.co.uk) to be seeded under between hedge and road to create a native verge - to be mowed twice per year to maintain visibility lines from entrance. To be planted with a mix of spring flowering native bulbs to add spring colour.

Proposed tree

Proposed native hedge

Post and rail fence within hedge

Existing hedge retained

Red line property boundary

LandShape

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Client	Mr. & Mrs. Horscroft	Drawn By	Date June 30 2022
Project	Hill View, Kings Somborne	H. Palmer	Rev. A: general plant amendments
Title	Landscape Strategy	Scale 1:150@A1	L165/B01