

EXISTING SITE DESCRIPTION AND LACK OF BIODIVERSITY

The site constitutes a small triangular parcel of land at approximately 1500m². The land falls gently from the north boundary down to the south boundary.

The existing site is barren, the groundcover is comprised of rubble and dirt with no trees or substantial plants. The lack of plant life provides little habitat to support wildlife. In its current state the site has next to no biodiversity.



Photograph of the existing barren site that has next to no biodiversity.

PROPOSED SITE BIODIVERSITY ENHANCEMENTS



Proposed planting

The proposed site is to be populated with trees, shrubs, hedgerows and areas of lawn to enhance the appearance of the site and provide diverse habitats to attract and support wildlife, providing an extensive net gain in biodiversity.

- New fruit trees to attract bees and increase cross pollination.
- Assorted shrubs to provide habitat for field mice and hedgehogs.
- Native mix low-level hedgerow to provide habitat for field mice and hedgehogs.
- Areas of lawn further increase biodiversity, providing feeding grounds for birds.

Bat and house martin nesting

Bat and house martin nesting boxes are to be installed as indicated on the site plan to provide additional roosting opportunities for bats and house martins.

-  Indicates position of Kent bat box. Made of burnt larch to match cladding. Fixed onto burnt larch clad walls of proposed dwelling and outbuilding.
-  Indicates position of a house martin nesting cup. Fixed to the underside of the overhanging roofs.

BIODIVERSITY NET GAIN

Existing planted area = 0m²
Approx. Proposed planted area = 0m²
Proposed gain in planted area = 300m²

The proposed planting gain will provide an extensive net gain in biodiversity for the site.



Native mix hedgerow to provide habitat for field mice and hedgehogs and act as a wildlife corridor.



New fruit trees to attract bees and increase cross pollination.



Assorted shrubs to provide habitat for field mice and hedgehogs.



Areas of lawn further increase biodiversity, providing feeding grounds for birds.

Proposed Site Plan

New fruit tree orchard to attract bees and increase cross pollination.



New fruit trees to attract bees and increase cross pollination.



Native mix low-level hedgerow to provide habitat for field mice and hedgehogs.



The Kent bat box

Simple to construct, self-cleaning and low maintenance.

The only critical measurement is the width of the crevices—these should be no larger than suggested. Other measurements are approximate.

Materials and construction
Box to be made from untreated rough-sawn timbers
Timber should be c.20mm thick
The box should be rainproof and draught-free
Crevices can be between 15 and 25 mm wide
Fixing may be by use of brackets, durable bands or wires

Location
Boxes are best fixed as high as possible in a sheltered wind-free position, exposed to the sun for part of the day.
They can be fitted to walls, other flat surfaces or trees
A clear flight line to the entrance is important



Areas of lawn further increase biodiversity, providing feeding grounds for birds.



Native mix hedgerow to provide habitat for field mice, hedgehogs and act as a wildlife corridor.



House Martin Nesting Cup

Siting advice - House martin nests should be sited on the wall directly under the eaves of a house, preferably out of direct sunlight and rain. North or east facing walls are ideal. However, nests facing other directions are still likely to be used. It is important that the nest is situated high enough for the birds to launch and fly away comfortably. If you have several house martin nests, then group them together for best results.



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REVISIONS
Rev A - Scheme amended. - 09.02.2023

Client	Mr and Mrs Thornburn		
Job Title	Proposed Residential Development on land at: Twinbrooks Barn Upbrooks Clitheroe BB7 1PL		

Drawing Title	Site Biodiversity Enhancements		
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