

Ecological Design Strategy: Ref 2024/0349/rev1



RD ARCHITECTURE +
DESIGN

CONTENTS

SECTION 01

Introduction	3
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SECTION 02

Local Habitable Proposal	4
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SECTION 03

Landscaping Proposal	6
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SECTION 04

Remedial Measures	7
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SECTION 01

Introduction:

This Ecological Design Strategy (EDS) has been prepared on behalf of the Paul Wiper (owner) in relation to the New Dwelling, off Whitley Road, Whitley, Dewsbury, WF12 0LZ (hereafter referred to as 'the Site').

Full planning permission for the construction of a New Dwelling off Whitley Road, Dewsbury has been approved subject to planning conditions. This EDS specifically addresses Condition 6 of the Decision Notice which is as follows:

6. No development shall commence until an ecological design strategy (EDS) addressing ecological mitigation and enhancement has been submitted to and approved in writing by the Local Planning Authority. The EDS shall include the following:

Purpose and conservation objectives for the proposed ecological works.

Location (shown on appropriate scale plans) of specific make and model, or design, of habitat boxes, such as bat boxes, bird boxes and hedgehog refuges. Habitat boxes to be integral to new structures where appropriate.

Details of how the design of boundary treatments will not obstruct the movement of hedgehogs.

Planting schedule and planting plan showing the inclusion of native species of tree and shrub to be included within/at the boundary of the application area, and how this achieves the stated purpose.

Details of maintenance.

A timetable for the implementation of the EDS.

The EDS shall be implemented in accordance with the approved details and all features shall be retained in that manner thereafter.

Reason: This pre-commencement condition is necessary to ensure the development hereby permitted provides ecological enhancement measures sufficient to provide a biodiversity net gain in accordance with Policy LP30.



Current Aerial View 2024

SECTION 02

Local Habitable Proposal:

Hedgehogs:

Link parcels of land by ensuring boundaries are permeable to hedgehogs. Hedging or hedgehog-sized holes formed in the fencing / Hedgerow or boundary walls to help create Hedgehog Highways between adjoining residential plots. Ground-level boundary holes will be formed (approx.) 13x13cm and will link the proposed plot to the 2 adjoining neighbouring plots of land.



Wildlife World Igloo Hedgehog House



Existing Timber fencing to be amended to form access hole (13x13cm)

Bat Boxes:

The development will include the provision of two bat boxes on the new dwellings gable elevations. Boxes will be installed at a height of between 3-6m and ideally in open sunny positions facing between south-east to south-west. These shall include **WoodStone® Beaumaris Bat Box Midi**. These boxes are likely to attract species such as pipistrelles *Pipistrellus* sp. and brown long-eared bats *Plecotus auritus* which are typical hedgerow and woodland species.



WoodStone® Beaumaris Bat Box Midi

Bat boxes shall ideally be put up before springtime, although any time of year is possible.

Bird Boxes:

A total of 4 bird boxes shall be installed on the proposed elevations of the proposed dwelling, including two open fronted bird boxes to attract woodland species such as spotted flycatcher *Muscicapa striata*, robin *Erithacus rubecula* or wren *Troglodytes troglodytes* and two general purpose small passerine bird boxes, Schwegler 1B bird boxes. These will provide a good range of nesting opportunities for various species associated with the habitats present on-Site



1B Schwegler Nest Box

The open fronted bird boxes will be installed c. 2-4m off the ground to attract spotted flycatchers, whilst the remaining passerine boxes will be placed low down between c. 1-2m and within well vegetated areas.

All bird boxes will face between the north and the east (unless shaded during the day) to avoid strong sunlight and the wettest of winds. The optimum time for installing the bird boxes is Autumn, although they can be installed at any time of year.

SECTION 03

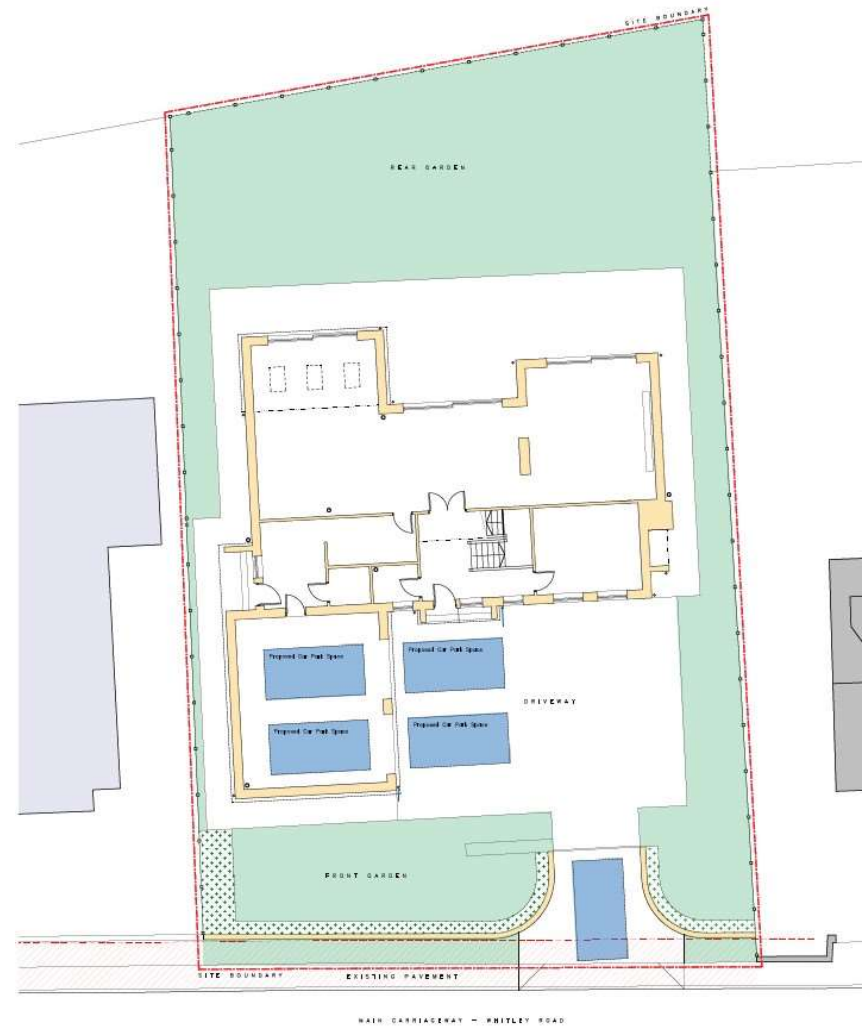
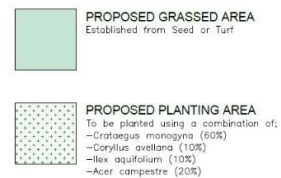
Landscaping Proposal:

Hedgerows and Trees:

Native species will include species such as hawthorn *Crataegus 3.10monogyna*, blackthorn *Prunus spinosa*, hazel *Corylus avellana*, elm *Ulmus minor*, spindle *Euonymus europaeus*, field maple *Acer campestre* and ash *Fraxinus excelsior*. The planting of this hedgerow will occur between November and March (ideally between November-December).

The newly planted hedgerow south of the proposed dwelling within plot will be subject to pruning and shaping, as and when required, but this will occur between September and February (outside of the nesting bird season). Any arisings from these works will be collected and added to the compost pile on-Site.

If trees on-Site require further management, it shall take place between September and February (outside of the nesting bird season). Any logs/brush arising from this work will be used to supplement the hibernacula and log piles.



Proposed Landscape Layout

SECTION 04

Remedial Measures:

Where invasive species establish, these shall be removed by hand or hand application of a non-glyphosate based organic herbicide (e.g. Neudorff weedkiller) should be considered to prevent further encroachment and associated effects.

Should any areas of hedgerow planting fail or require additional planting, extra planting to replenish and strengthen the hedgerow will take place. This will occur between November-March (ideally November-December).

Bird boxes will be cleaned out annually between November and February. Bat boxes will be left undisturbed (or could be checked by a Natural England bat ecologist as appropriate). If damaged, both bat and bird boxes will be replaced with like-for-like boxes.

Implementation and Management Responsibilities

The implementation of the Site's management and enhancement measures detailed within this report shall be the responsibility of the Owner and will be delivered alongside the construction and operational phases of the consented works. Construction, landscaping and long-term management works will be implemented by their appointed contractors.

