

Scheme of ecological enhancement | For:

Construction of 5no flats, parking, landscaping, and associated works.

At:

Site of 2, Tregarn Road, Langstone, Newport, NP18 2JS.

Newport City Council ref: **23/0418**

1. Introduction

This Ecological Enhancement Scheme is submitted in compliance with the pre-occupation condition requiring a scheme of ecological enhancement prior to the occupation of any approved flat. It adheres to **Policy GP5** of the Newport Local Development Plan 2011-2026 and **Planning Policy Wales (Edition 11)**, supporting biodiversity gain through development.

2. Site Context

The approved landscaping plan (GA08, Drawing No. 0GA08, dated Aug 2022) proposes a high-quality amenity landscape incorporating planting beds, grassed areas, hedgerows, and ornamental planting around the building footprint. This offers a strong basis to integrate ecological enhancements.

3. Proposed Ecological Enhancements

a) Bird and Bat Boxes

- Install:
 - **2 bird nesting boxes** (e.g. swift or house sparrow) on east and south elevations.
 - **1 integrated bat roost brick** on the northern elevation, positioned >4m above ground.
- All boxes to be timber or integrated brick units and located away from direct artificial lighting.

b) Native Hedgerow

- Existing provision for a **1.2m high hedgerow** (as marked) to be planted with native species such as:
 - *Crataegus monogyna* (Hawthorn)
 - *Prunus spinosa* (Blackthorn)

- *Corylus avellana* (Hazel)
- Planted at minimum 60cm centres in a double staggered row.

c) Pollinator-Friendly Planting

- Proposed ornamental planting beds to include:
 - Lavender (*Lavandula angustifolia*)
 - Verbena (*Verbena bonariensis*)
 - Salvia (*Salvia nemorosa*)
 - Echinacea (*Echinacea purpurea*)
- To be maintained with seasonal replacement and bark mulch as noted in plan.

d) Invertebrate Habitat

- Install **1 bug hotel** constructed from reclaimed timber and natural materials within the flat 1 garden area, positioned against fence line with partial shade.

4. Timetable for Provision

Enhancement	Timing
Bird and Bat Boxes	Prior to first occupation of any flat
Native Hedgerow Planting	During landscaping works (prior to occupation)
Pollinator-Friendly Beds	With general landscaping; pre-occupation
Bug Hotel Installation	Prior to first occupation

5. Long-Term Maintenance

- Hedge and beds to be trimmed annually in late winter.

- Damaged or missing ecological features (boxes, bug hotel) to be replaced within 3 months of identification.
- Planting to be monitored during first two years post-installation and watered as needed to ensure establishment.

6. Conclusion

This scheme uses features already shown in the approved landscaping layout to provide biodiversity gain through targeted ecological enhancements. It complies with the objectives of Policy GP5 and national policy, delivering sustainable development with environmental net gain.