

Biodiversity Enhancement Layout Report.

Planning Ref DC/23/1792 and
DC/26/0213

Re:

Unit 8

Baileys Farm

Brooks Green Road

Coolham

West Sussex

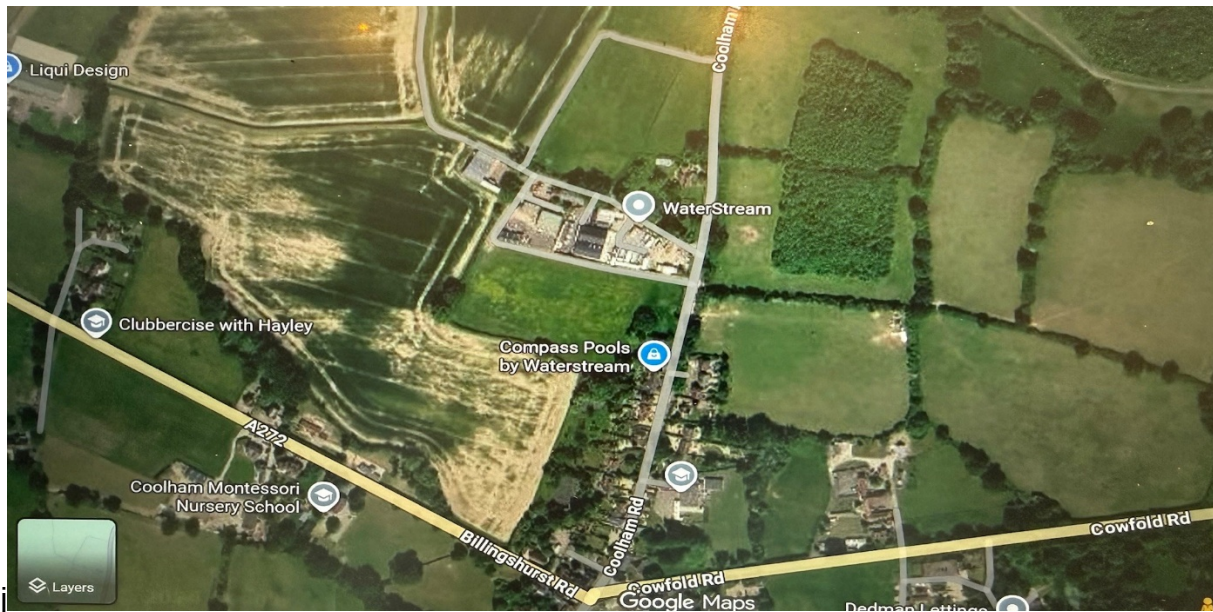
RH13 8GR

Site Location and Layout

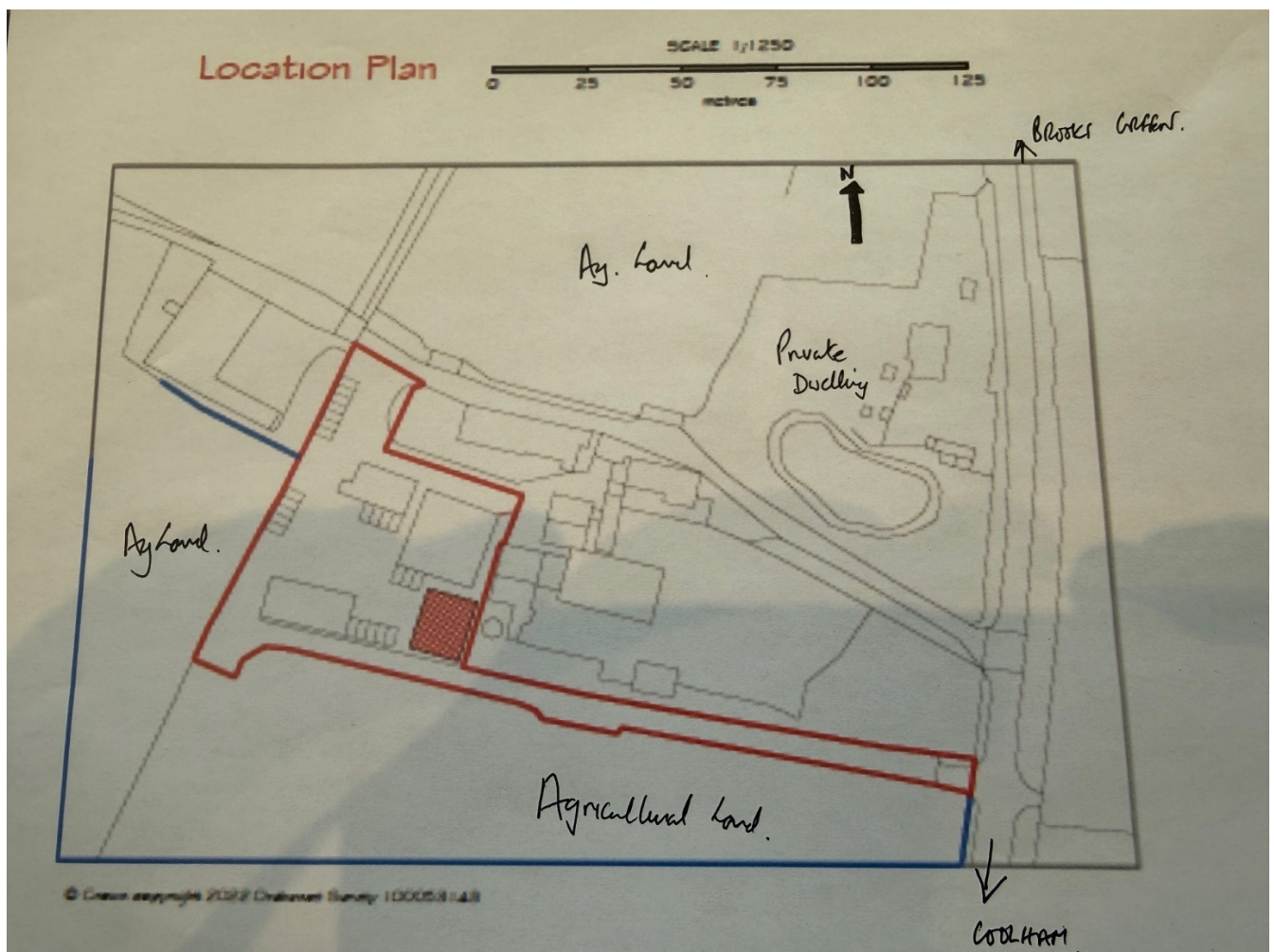
- 1.1 The proposed development site is at Baileys Farm Coolham RH13 8GR. The site is located in a rural area at Coolham 500m North of the A272 Coolham junction. Beyond the industrial units, storage units and offices the surrounding landscape predominantly comprises pasture and agricultural land. with hedgerow and tree lines. See Location plan

Proposed Development

- 1.2 The proposed development involves construction of a commercial building in the style of the existing, measuring 15m x 12m .



Location Plan Google RH13 8GR



Baileys Farm Coolham with new building in red shaded.

Aims and Objectives

1.3 The main aims and objectives of this Biodiversity Enhancement Strategy are:

- To detail habitat enhancement and creation works that will provide an overall uplift to the site's biodiversity value;
- To detail the provision of species-specific enhancements that will create opportunities for wildlife including bats, birds, reptiles, and amphibians; and
- To provide guidance for the management and maintenance of new habitats and enhancements, to ensure the continued viability of these in the long-term.

Habitat Protection and Enhancement

Hedgerows

- 1.4 The existing species-rich native hedgerow on the site boundary marked A on the plan below, is to be retained and unimpacted. It is cut annually within the winter months.
- 1.5 Since the original planning application a new hedge has been planted alongside the Northern edge of the main access road. (Boundary B) This has grown extremely well and comprises a mix of Hawthorn, Blackthorn, Hazel, Dogwood and Field Maple. This

Species Enhancement

Reptiles and Amphibians

- 1.1 To enhance the site for reptiles and amphibians, one log pile will be installed. This will be placed on the hedge/woodland edge to the West (Boundary A) of the site (within the ownership boundary but just outside the application site boundary), where they will be protected from onsite activities within the grassland, but subject to sun exposure from the south.
- 1.2 The log pile will be constructed using logs of varying size – mainly hardwood like oak, ash, or birch, as they decay slower than softwood. The large logs will be laid down to form the base, with further logs added in a crisscross pattern to create gaps and voids for animals to use..



Bats

- 1.1 Two bat boxes will be installed on Buildings towards the southern boundary of the site, towards the trees / hedges and open grassland. See Site plan below. The Schwegler Wall-Mounted Bat Shelter 2FE has been recommended.

The Schwegler Wall-Mounted Bat Shelter 2FE has two applications: it can either be fixed to outside walls to provide a summer hideaway for bats, or it can be installed inside buildings to provide winter hibernation quarters. For winter use, damp cellars, bunkers, bridges or caves protected from ice and frost are examples of ideal locations. During the summer months the common pipistrelle, whiskered bat and barbastelle are among the species which will roost in the Schwegler 2FE as a daytime hideaway. Daubenton's bat, Natterer's bat and the common long-eared bat will also use it, often sleeping huddled together in small groups. A partition inside the Schwegler 2FE also suits the habits of the greater mouse-eared bat. In the winter, all species that hibernate in caves will use the 2FE. The interior has shaped cavities in various sizes where the animals can roost giving optimum body contact and offering a home to a very wide range of species. The outside surface has an attractive logo in the shape of a bat, making it easy for the amateur to recognise that this is a bat home.

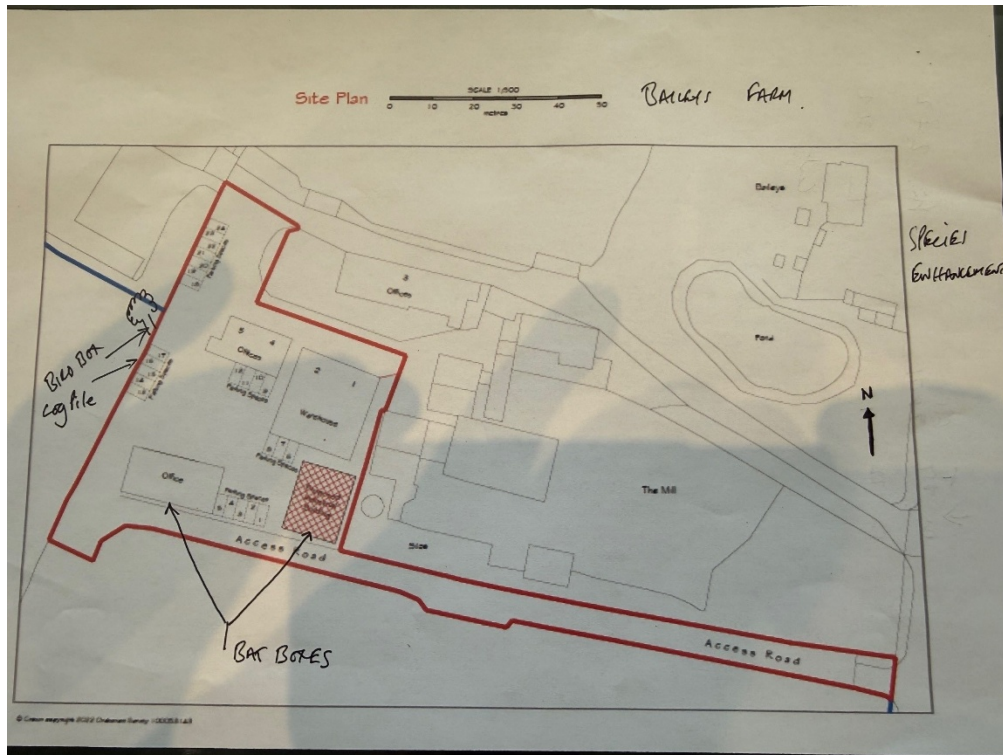
Birds

- 1.1 One bird box will be installed on a suitable tree within the Hedge/woodland belt to the

West of the site. Boundary A

Tree Sparrow Nest Box

Hard-wearing nest box specifically designed for Tree Sparrows



Location plan for Species enhancement

