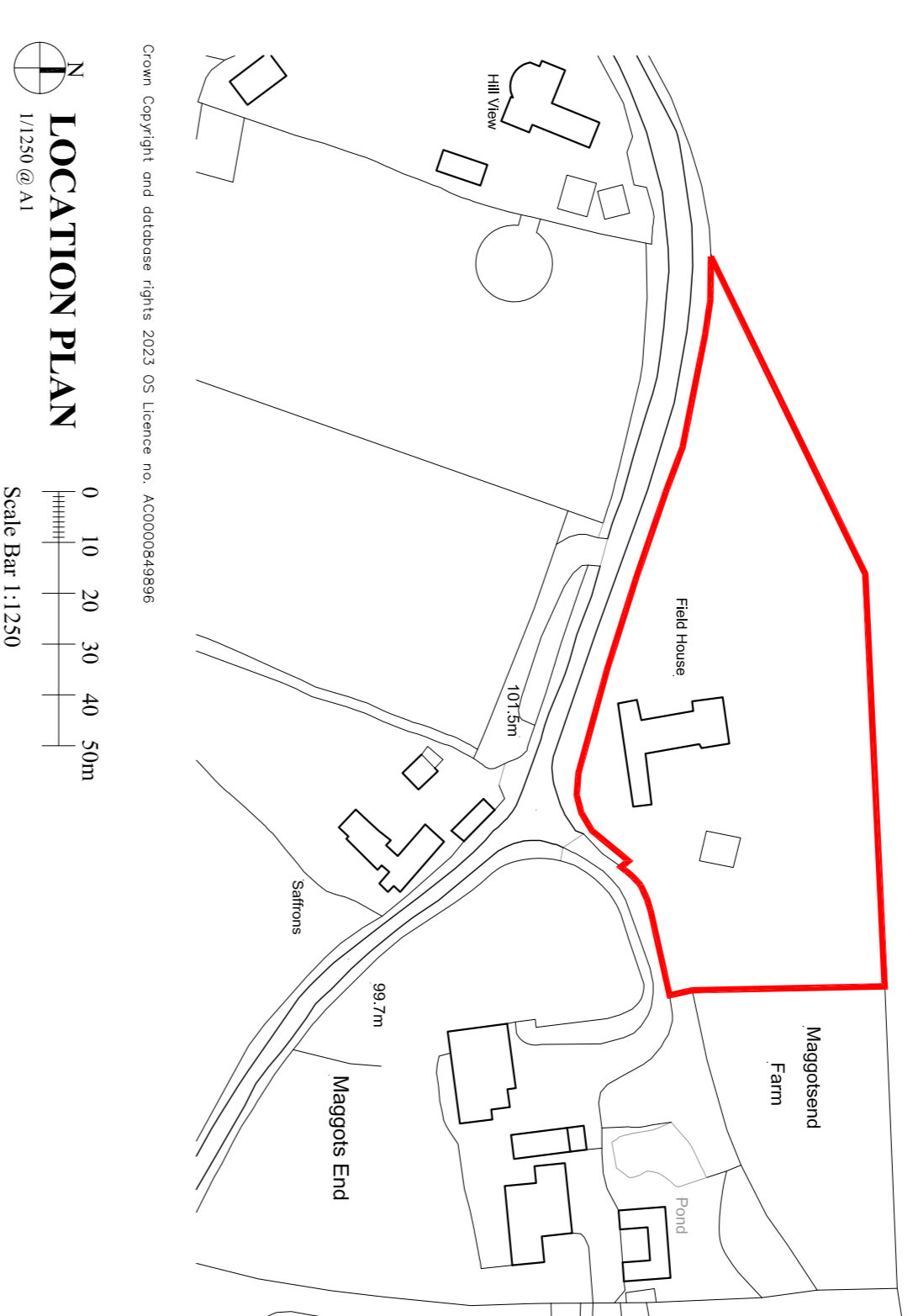


SITE PLAN - PROPOSED
1:200 @ A1
Scale Bar 1:200

The above line measures 200mm in length when printed correctly



LOCATION PLAN
1:1250 @ A1
Scale Bar 1:1250

PROPOSED LIGHTING

In case bats from nearby roosts forage & to reduce habitat disruption generally:
External lighting proposed for the site will comprise of bat sensitive, PIR lighting with the following features:
-Light levels will be as low as possible, and the number of fixtures kept to the minimum required, to fulfil the lighting need.
-Lighting will aim to minimise light spillage towards boundary features - particularly the large mature trees to the Eastern boundary.
-Lighting should have a maximum of 7.5 to 10 lux.
-LED lights will be installed, using the warm white (or amber) spectrum, with peak wavelengths >550nm (2700 or 3000K) and no UV component.
-Lighting will be directed to where it is needed, with horizontal spillage towards retained habitats minimised.
-This can be achieved on the building by restricting the height the lighting installation and the design of the luminaires will have an upward light ratio of 90%.
-External lighting will incorporate Passive Infra Red (PIR) motion sensors and timers to minimise the lit time, set to the minimum to minimise the duration of disturbance.
-As a matter of last resort, accessories such as baffles, hoods or louvers can be used to reduce light spill.
-Guidance based on Guidance Note 08 (8) Bats & Artificial Lighting in the UK; Bat Conservation Trust)

PLANTING

In order to attract pollinating and other invertebrates, which in turn attract birds, bats and other insectivorous species, any new planting beds will be planted with species from the following list of plant varieties:
-Purple toadflax *Linaria purpurea*
-Veronica bonariensis
-Margarum *Origanum vulgare*
-Lavender *Lavandula* spp. incl. *angustifolia*, *hitcote*
-Hyssop *Hyssopus officinalis*
-Honeyey *Lamaria amara*
-Eryngium sp.
-Hebe sp.
-Tobacco plant (*Nicotiana glauca*)
-Honey-suckle, to be trained up walls/fences

ECOLOGY ENHANCEMENT

2no. Bird Nesting Boxes

NHBS Wooden Bird Nest Box.
Dimensions: 245mm x 135mm x 185mm (HxWxD)
Material: FSC-certified wood
Bird boxes should be positioned facing north to east, between 2-4m above ground.

3no. Bat Boxes

2F Schwelger Bat Box
Dimensions: 330mm x 160mm (HxD)
Material: Schwelger woodcrete
Position over 4m high, fixed to nearby trees, orientated on a southerly direction.

Hedgehog Nest Box

Hedgehog Nest Box
Dimensions: 220mm x 380mm x 470mm (HxWxD)
Material: 12mm resin bonded ply.
Box situated in a quiet corner of the garden, and covered with leaves and other garden detritus.

1no. Solitary Bee Hive

Solitary Bee Hive
Dimensions: 180mm x 160mm x 170mm (HxWxD)
Material: FSC-certified timber
Bee in a visible warm place ideally oriented to face between southeast and south and to catch some sun. It is helpful to have soil nearby, flowers, orchards and fruit.

1no. Log Habitat Pile

Log Habitat Pile
Comprising a pile of stacked small-medium sized logs, up to 75cm high and measuring at least 1m x 1m.
Site in a sunny position.

5 The Shillings, Station Road, Newport, Essex, CB11 3BN
Tel: 01279 543 653
Email: ian@iabramsltd.com
www.ian-abramsltd.com

Job title	Alterations to Field House Maggots End Mannuden
Drawing title	Site and Location Plan

Scale	Date	Drawn
AS SH010N @A1	Oct 2023	CH
Drawing No	Rev	
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