

KEY

PROPOSED SITE BOUNDARY FOR LIVE FIRE TRAINING CENTRE
3743 sqm / 40289.3 sqft

OPCC POLICE FACILITIES OUTSIDE OF THE PRE-APPLICATION BOUNDARY.
SUBJECT TO PLANNING APPLICATION APPROVAL.
PLANNING APPLICATION REFERENCE F/20/88055
2829 sqm / 30456.4 sqft (Approx) - SITE LAYOUT TBC

STAGE 1 -
713 sqm / 7674.6 sqft / 0.07ha

STAGE 2
1605 sqm / 17276.0 sqft

Receptor area (Area 3) to have exclusion fencing installed where required by Ecologist Consultant to prevent movement of reptiles to / from adjacent areas.

Enhancement to include creation of 1 No wood-based hibernaculum to provide reptiles with a suitable area to hibernaculate within. Specification as per outlined within Reptile Habitat Management Guidelines for Landowners (HART, 2009) as referenced in accompanying Ecosupport Ecology Report.

Once the reptiles have been relocated into the receptor site, the following management works will need to be undertaken:

- Keep on top of scrub (Bramble) encroachment management to prevent too much shading of basking areas.

- All arisings must be removed and can be composted on site, away from buildings, fences, sheds and sources of ignition.

- Regularly check for, and remove any rubbish or waste.

During Construction, once reptile capture works have been completed and prior to the commencement of construction works, install Heras fence to the edge of the reptile receptor area adjacent to construction works.

Once Operational reptile receptor area to be listed within the S106 (or similar such as a restrictive covenant) as protected reptile habitat.

Area 3 Site Management:

As part of the ecology strategy the site manager is to set a strategy for the on-going maintenance of the bramble in Area 3. This is to maintain basking and shelter for the slow worms at all times.

The boundary of the bramble is to be kept as wavy edge to provide a variety of habitat. When forming or cutting this edge the bramble must be cut when the reptiles are active (between March & October with temperatures above 10 degrees C). The cutting should be done in a 2 stage process, ideally across 2 days. The cutting should be done slowly and from edge line inwards. The first cut should be to a height of approximately 500mm with additional cut down to ground level the following day. This is so that the reptiles can move away from any danger.

For further information see Ecology Report & The Reptile Habitat Handbook (2010).

STAGE 3
1345 sqm / 14477.4 sqft / 0.1 ha

NOTES

4 1NO. WOOD BASED REPTILE HIBERNACULUM. SPEC AS PER HABITAT MANAGEMENT: GUIDELINES FOR LANDOWNERS (HART, 2009)



5 REPTILE EXCLUSION FENCING INSTALLED WITHIN BOUNDARY OF AREA 3. EXACT LOCATIONS TO BE DEFINED BY ECOLOGIST CONSULTANT.



6 LINE OF PROTECTIVE HERAS FENCING TO BE INSTALLED ALONG EDGE OF CONSTRUCTION ZONE TO PROTECT AREA 3 DURING CONSTRUCTION WORKS.



7 END TOWARDS AREA 5 TO ALLOW REPTILES TO PASS TO RAILWAY EMBANKMENT HABITAT.

8 EXISTING BOUNDARY FENCE AND LANDSCAPING FRONTING MANOR WAY PROVIDES ADEQUATE REPTILE MOVEMENT PREVENTION MEASURES.



SITE PLAN EXTRACT 1:100 @ A1

KEY CONTINUED

EXISTING TO BE DEMOLISHED

AREA OF EXISTING REPTILE FRIENDLY RUBBLE TO BE RETAINED. SMALL RATAINING STRUCTURE TO BE INSTALLED WHERE NECESSARY

AREA OF REPTILE FRIENDLY RUBBLE TO BE RETAINED

EXISTING FENCE TO BE REPLACED

EXACT POSITIONS OF REPTILE EXCLUSION FENCING TO BE DETERMINED BY ECOLOGIST CONSULTANT.

EXISTING BOUNDARY HAS BEEN APPROVED AS AN EFFECTIVE REPTILE EXCLUSION FENCING BY ECOLOGIST CONSULTANT.

AREA 3

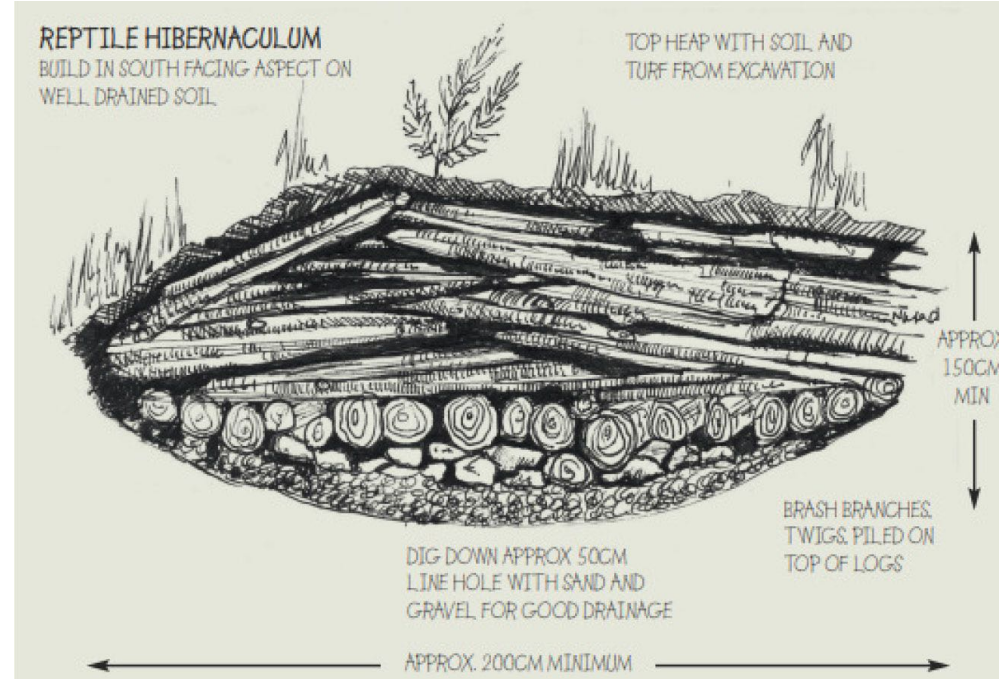
STAGE 2 :
Slow Worm Reptiles to be introduced into receptor zone (Area 3) and appropriate measures to prevent movement of reptiles to and from adjacent areas installed.

BRAMBLE BOUNDARY LINE TO BE CUT IN A WAVY EDGE AS PER MANAGEMENT STRATEGY. SEE KEY 'STAGE 2'

AREA 1

STAGE 1 :
Slow Worm Reptiles to be relocated from this area to on-site receptor zone - Area 3

SITE PLAN 1:500 @ A1



4 Wood-based hibernaculum specification as outlined within Reptile Habitat Management: Guidelines for Landowners (HART, 2009) as referenced in accompanying Ecosupport Ecology Report.

ANNEX B DESIGN OF REPTILE-PROOF FENCING

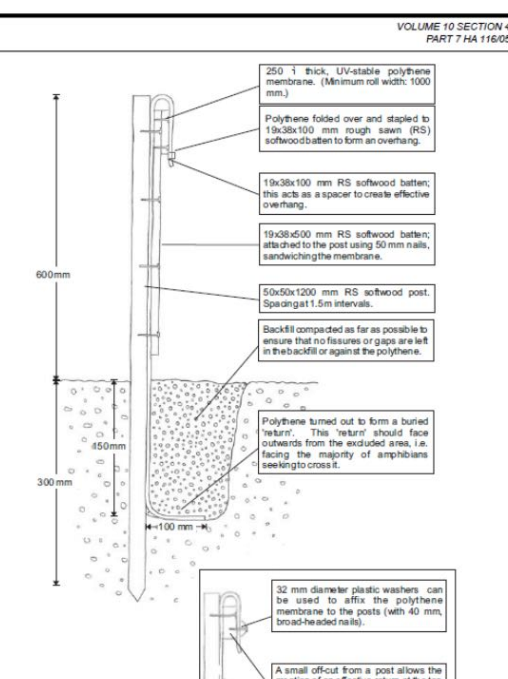
Temporary Reptile Fence

This is a standard temporary fence design which can be utilised in situations where it is necessary to create a reptile-proof barrier for periods usually not exceeding a single season. Although this design will effectively prevent the passage of reptiles in either direction, the barriers on the fence should face outwards, i.e. facing the direction from which the majority of any reptiles are expected to approach. It can be constructed from relatively inexpensive materials, but is easily damaged or vandalised, and will degrade over time. Fences of this type are less appropriate in windy situations where damage will be more frequent. Also if placed close to areas where plant operators regularly and/or earthworks are taking place, a membrane fence of this kind is usually best protected by a more robust fence, for example a wooden paling fence.

Care needs to be taken when undertaking the necessary maintenance works to ensure that vegetation does not grow over the fence. If undertaken mechanically, this can easily damage the membrane.

The use of a nail gun is recommended to attach the battens securely to the posts. Not only is this advantageous for speed, but prevents any loosening of the posts which can be associated with the repeated impacts of a hammer.

Some practitioners prefer the use of flexible plastic washers to hold the membrane in place, as an alternative to softwood battens. (An example of this is shown next.) The result is similar in strength and durability to that of the previous design, but provides the use of a nail gun, as the washers require a large headed nail and cannot withstand the force produced by the gun.



5 Design of Reptile-proof fencing example.

GENERAL NOTES

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REVISIONS

REV	DATE	DESCRIPTION	DRWN	CHKD
B	23/09/2022	Notation Updates & Inclusion of Reptile Friendly Rubble.	MH	JLS
C	04/11/2022	Updates to Stage 2 Area 3 Maintenance Strategy.	MH	JLS

KEY PLAN

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architecture interior design graphics

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PROJECT

HWFR - Fire House Training Facility
Hampshire, SO50 9SJ

DRAWING TITLE

Reptile Mitigation Strategy Plan - Stage 2

STATUS

TENDER

DATE DRAWN

21/09/2022

SCALE

1:100 @ A1

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