

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 P/20/88055  
2829 sqm / 30456.4 sqft (Approx) - SITE LAYOUT TBC

**STAGE 1 -**  
713 sqm / 7674.6 sqft

Capture and relocation of reptiles from the construction area (Area 1) and release into the on-site site receptor area (Area 3).

The relocation would be carried out in accordance with guidance published by the HGBI (1998).

Artificial refugia made from materials that warm up quickly, encouraging exothermic reptiles to shelter under, such as roofing felt or corrugated metal to detect and capture relatively easily.

Artificial refugia to be distributed across the at a minimum density of 50/ha in accordance with the HGBI guidelines (1998). Higher density refugia should be used in order to maximise catching potential.

Captured Slow Worms and Common Lizards would then be transported to the receptor area in appropriate containers such as buckets with perforated lids.

Step 1 must only be conducted once provisions for Step 2 have been prepared / installed.

**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 hibernate 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

Additional Habitat Enhancement

Area 2 to be enhanced to offset the habitat loss within Area 1 using the following measures, as per accompanying Ecosupport Ecology Report:

- Seeding of the area with a suitable wildflower mix such as Emorsgate EM1 basic general purpose meadow mixture. Area to be equal to or greater than size of habitat loss.

- 4 fruit trees to be planted with a mix of Wild Cherry (Prunus avium), Plum (Prunus domestica) and Crab Apple (Malus sylvestris).

- Reduction of low level shrubs / canopy's and the provision of Basking Areas and purpose built Compst Piles, as recommended by Ecologist.

- Provision of a single wood / rubble based hibernaculum.

- Installation of a single Corsica insect hotel.

- "Keep off" and directional signage to be erected indicating that the area is being created / managed for the purposes of biodiversity.

- Longer term management and detail on the planting arrangements / specification to be provided by landscape consultant.

**MAIN ENTRANCE TO HFR LIVE SITE**

**EXISTING TO BE DEMOLISHED**

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

RAILWAY LINE

NOTES

Drawing to be read in conjunction with accompanying Ecology Report & Reptile Mitigation Strategy documents 2022.09.16, as provided by Ecosupport.

ADDITIONAL INFORMATION

Air Quality Control and ventilation effectiveness and performance shall be in accordance with the Air Quality Mitigation strategy as established by the Minerva Process and usage of the proposed Minerva Smoke Extraction Unit.

Appropriate filter systems to be incorporated into the surface drainage channels in order to filter any oil and grease pollution from burn products.

As part of the HIWFR operations protocol all burn products are to be assessed to eliminate the amount of pallet wood that may contain traces of adhesive resins or toxic pesticides. Any identified pallets would be marked with MB and removed as these would not be safe to burn.

An Updated Air Quality Assessment shall be conducted to accompany these drawings and associated Ecology Report & Mitigation Strategy. Refer to report for details on Air Quality Methodology during construction and operation stages.

Proposed Site Luminaire colour temperature shall not exceed more than 4000K.

**SOURCE INFORMATION:**

Survey information taken from Hampshire County Council, received from client on 2020.03.24. File reference: 3000800010-HFRSHQTrainingCentre&FleetMaintenanceCentre. Topographical surveys provided by Morgan Sindall **2022.06.21**



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| REV | DATE       | DESCRIPTION                                                                | DRWN | CHKD |
|-----|------------|----------------------------------------------------------------------------|------|------|
| B   | 23/09/2022 | Notation Updates.                                                          | MH   | JLS  |
| C   | 04/10/2022 | Updates to Stage 2 Area 3 Maintenance Strategy and Additional Information. | MH   | JLS  |

KEY PLAN

**cube design**  
architecture interior design graphics

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**PROJECT**  
HIWFR - Fire House Training Facility  
Hampshire, SO50 9SJ

**DRAWING TITLE**  
Reptile Mitigation Strategy Plan - Overview

**STATUS**

TENDER

**DATE DRAWN**  
20/09/2022

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