

Tree Protection Guidance

Examples of Standard Barriers

Protective barriers are not to be moved without written consent from the Local Planning Authority (LPA) and any adjustments should be under direct supervision of the project Arboriculturist to maintain the Root Protection Area (RPA) of each tree. No materials, chemicals, machinery or vehicles must be stored within the protected area as defined on the Tree Protection Plan.

1. Standard scaffold poles

2. Heavy gauge 2m tall galvanized tube and welded mesh infill panels

3. Panels secured to uprights and cross-members with wire ties

4. Ground level

5. Uprights driven into the ground and secure (minimum depth 0.6m)

6. Standard scaffold clamps

Extract from BS5837: 2012 Figure 2—Default specifications for tree protective fencing.

Image 1: Scaffold and Heras panels can provide standard protection that is fit for purpose.

Temporary fencing can be erected in this area to protect T003 if there are concerns that construction activities may encroach into its RPA.

If roots are encountered within the footprint of the proposed dwelling or new parking area, care will be taken following the guidance below:

a. Where possible excavations in RPAs must be carried out carefully using hand tools, taking care not to damage the bark and wood of any roots. Specialist tools for removing soil around roots using compressed air may be an appropriate alternative to hand digging, if available.

b. All soil removal must be undertaken with care to minimise the disturbance of roots beyond the immediate area of excavation. Where possible, flexible clumps of smaller roots, including fibrous roots, should be retained if they can be displaced temporarily or permanently beyond the excavation without damage.

c. A fork should be used to loosen the soil and help locate any substantial roots. Once roots have been located, the trowel should be used to clear the soil away from them without damaging the bark.

d. Exposed roots to be removed should be cut cleanly with a sharp saw or secateurs 10–20cm.

e. Roots temporarily exposed must be protected from direct sunlight, drying out and extremes of temperature by appropriate covering such as hessian sacking or boards.

f. Roots greater than 2.5cm in diameter should be retained where possible. Roots 2.5–10cm in diameter should only be cut in exceptional circumstances.

The existing fence will provide an adequate barrier from construction, so temporary protective fencing is not required. However, some branches will need to be pruned back by up to 1m (up to the boundary line) to provide suitable access and maintain future clearance along this side of the proposed dwelling.

Once this existing light structure (former cattery pens) is dismantled, temporary fencing can be erected in this area to protect T001 if there are concerns that construction activities may encroach into its RPA.

Key:

T001

Trees - colour coded by BS 5837:category

BS category A Trees of high quality

BS category B Trees of moderate quality

BS category C Trees of low quality

BS category U Trees unsuitable for retention

RPA boundaries

Trees to be removed

Tree canopies

Existing layout

Proposed layout

Construction exclusion zone (CEZ) to be protected by fencing

Site boundary

For further information, refer to the WT tree schedule. Do not scale from this drawing (unless for planning purposes), please check all dimensions on site, and notify us of any discrepancies. Wadey Trees Ltd cannot be held responsible for inaccuracies in the topographical plan on which this drawing is based. © Wadey Trees Ltd 2020. This drawing is designed to reflect only the principles of layout and/or design insofar as these relate to the protection of trees to be retained, and should NOT be read as a definitive engineering or construction method statement. Reference should be made to the architect or structural engineer, as appropriate, over any matters of construction detail or specification, or any engineering standards or regulatory requirements relating to proposed structures, hard surfaces or underground services.

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CLIENT:

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ARCHITECT:

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DRAWN:

EJS

CHECKED:

M/W

DATE:

20 Jan 23

REVISION:

LOCATION OF TREES, CATEGORISATION & DEVELOPMENT AT:

Cottage Cattery, Saxon Court, Burnetts Lane, Horton Heath, SO50 7DJ

DRAWING NO:

WTP1

SCALE:

1:250

SHEET SIZE:

A2

SHEET NO:

WT PROJECT NO:

WT 008-22

STATUS:

PUBLISHED

CLIENT PROVIDED PLAN REF:

ST508 30-31 Saxon Court New dwelling and 3171