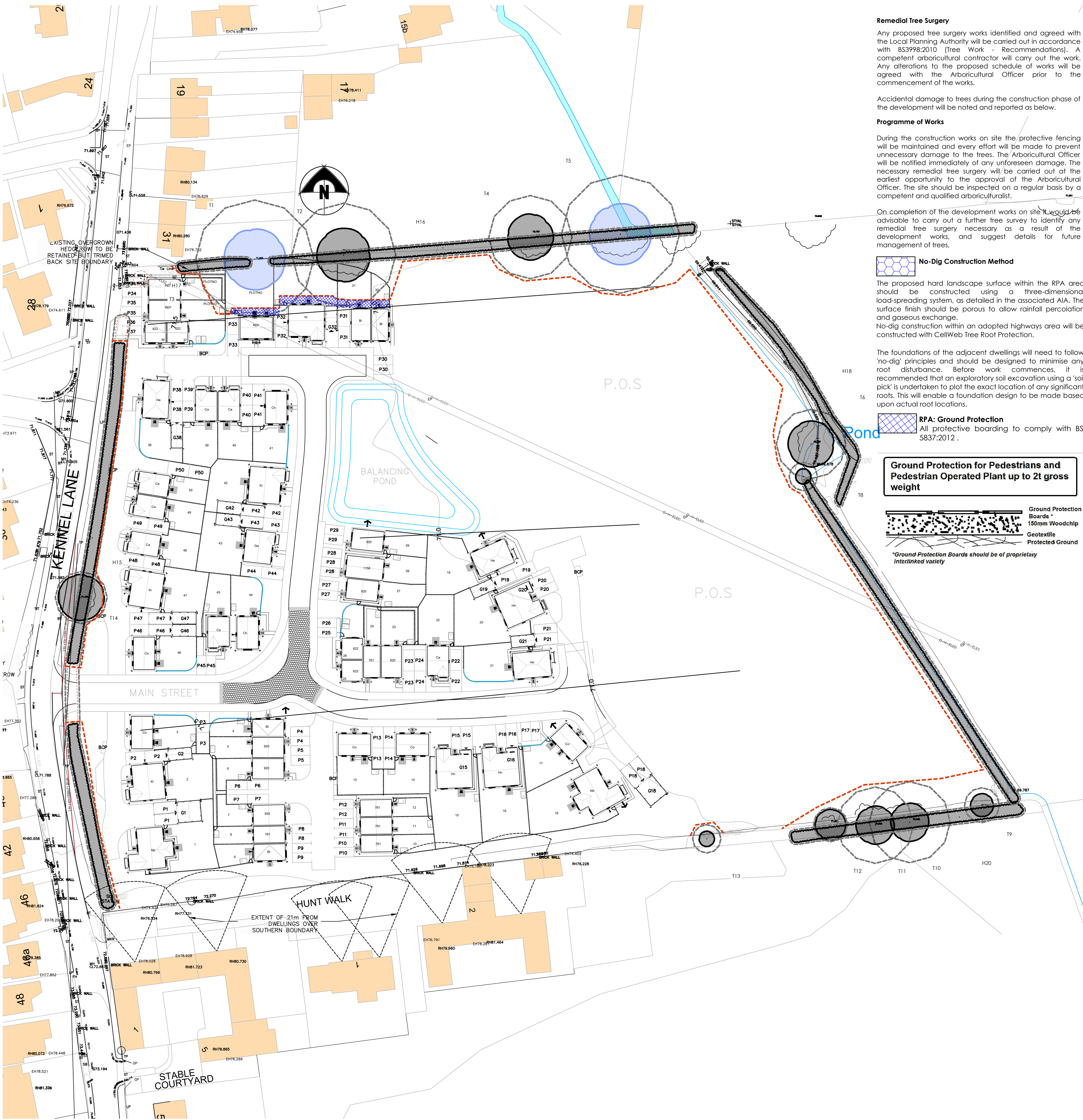




Remedial Tree Surgery

Any proposed tree surgery works identified and agreed with the Local Planning Authority will be carried out in accordance with BS3998:2010 (Tree Work - Recommendations). A competent arboricultural contractor will carry out the work. Any alterations to the proposed schedule of works will be agreed with the Arboricultural Officer prior to the commencement of the works.

Accidental damage to trees during the construction phase of the development will be noted and reported as below.

Programme of Works

During the construction works on site the protective fencing will be maintained and every effort will be made to prevent unnecessary damage to the trees. The Arboricultural Officer will be notified immediately of any unforeseen damage. The necessary remedial tree surgery will be carried out at the earliest opportunity to the approval of the Arboricultural Officer. The site should be inspected on a regular basis by a competent and qualified arboriculturalist.

On completion of the development works on site it would be advisable to carry out a further tree survey to identify any remedial tree surgery necessary as a result of the development works, and suggest details for future management of trees.

No-Dig Construction Method

The proposed hard landscape surface within the RPA area should be constructed using a three-dimensional load-spreading system, as detailed in the associated AIA. The surface finish should be porous to allow rainfall percolation and gaseous exchange.

No-dig construction within an adopted highways area will be constructed with CellWeb Tree Root Protection.

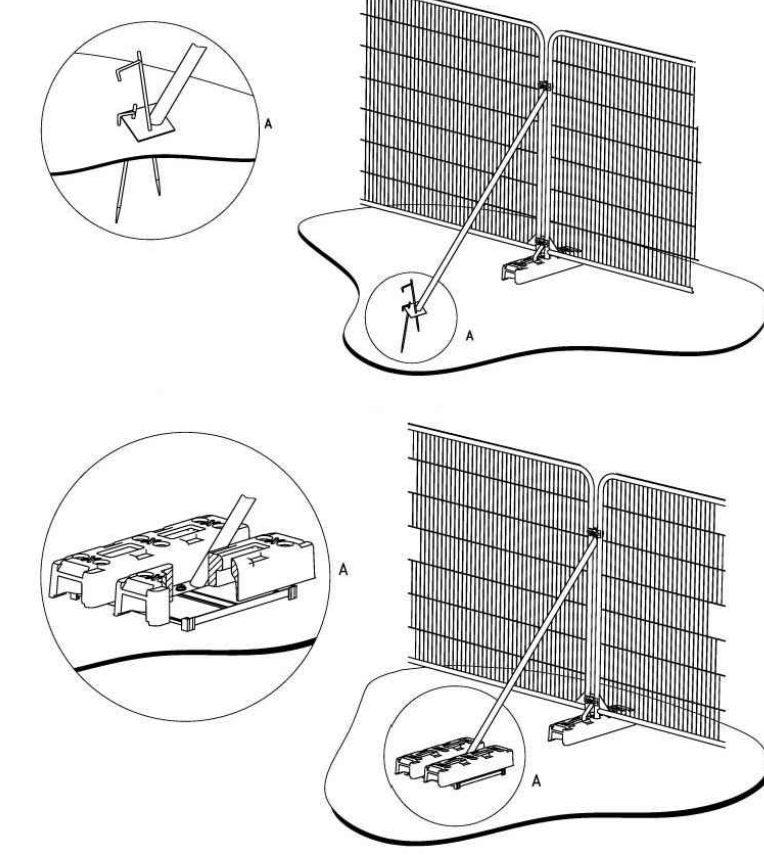
The foundations of the adjacent dwellings will need to follow 'no-dig' principles and should be designed to minimise any root disturbance. Before work commences, it is recommended that an exploratory soil excavation using a 'soil pick' is undertaken to plot the exact location of any significant roots. This will enable a foundation design to be made based upon actual root locations.

RPA: Ground Protection

All protective boarding to comply with BS 5837:2012.

Ground Protection for Pedestrians and Pedestrian Operated Plant up to 2t gross weight

Ground Protection Boards
150mm Woodchip
Geotextile
Protected Ground
Ground Protection Boards should be of proprietary interlinked variety



All tree protection must be in place prior to any site activities. It is recommended that this fencing is installed at the time site hoarding is erected. To be effective Tree Protection must remain in place for the duration of the development. The warning signs (as detailed below) should be fixed at 6m intervals to raise awareness of the fencing and its desired function.



This fencing will be regarded as inviolate. Once erected the fencing will remain in situ and will not be removed or altered without the prior consent of the Local Planning Authority Arboricultural Officer in consultation with the named arboriculturalist.

The RPA protective fencing will be monitored throughout the construction programme until it is removed and periodic inspections may take place to ensure compliance.

Once the protective fencing is erected, all weather notices should be erected on the barrier fencing with the words 'Construction Exclusion Zone - Keep Out'.

Materials that will contaminate soil such as concrete and mortar mixings, diesel oil & vehicle washings should not be discharged within 10 m of any tree stem. No leaching from any construction materials and activities shall be permitted which could potentially influence tree root zones and soil pH values.

No fires will be permitted on this site. No notice boards, telephone cables or other services shall be attached to any part of the trees.

Services

If it is proposed that all service runs will be placed outside the crown spread of the trees on or adjacent to the site, where it is not possible to achieve this, the section of service run, which passes within the tree protection area around a retained tree will be hand dug in accordance with 'broken trenches' (NUG 4). This will ensure that tree roots are not damaged during the installation of the service. All root pruning will be agreed before hand with the named arboriculturalist in consultation with the Local Planning Authority Arboricultural Officer. All root pruning will be in accordance with BS3998:2010. All routes for overhead services will aim to avoid the trees. Where this is unavoidable any tree work will be agreed prior to commencement with the Arboricultural Officer.

On Site Storage of Spoil and Building Materials

Prior to and during construction works on site no spoil or construction materials will be stored within the crown-spread of any tree on, or adjacent to the site, even if the proposed development is to be within the crown-spread. This is to reduce to a minimum the compaction of free roots. Any encroachment within this protected area will only be with the prior agreement of the Local Planning Authority Arboricultural Officer.

Location of Site Office

The location of the site office will not be within the crown spread of the trees on or adjacent to the site. Any re-siting of the office through the various stages of development will be agreed prior to the re-siting with the Local Planning Authority Arboricultural Officer.

Levels

Should levels need to be changed in areas adjacent to the trees or within the minimum distance recommended, then appropriate measures will be taken to minimise the detrimental effects to the tree(s) in question. Where necessary, a granular material will be used which will not inhibit gaseous diffusion e.g. no-fines gravel or cobbles, and all hard surfaces will be of suitable specification to allow such gaseous diffusion, such as brick paviors.

Where a minor level change is required to hide a ground beam or edge of built up surface where no dig principles have been used in order to avoid root loss, the extent of level increase will be shown as a section on the appropriate engineering drawing. In all cases a gentle taper will be used so that the change in level runs out before it reaches the tree affected.

If excavations have to be so close to the tree(s) that roots greater than 25mm diameter are likely to be encountered, particular care will be taken to avoid damage. Excavation in these areas will be undertaken by hand, avoiding any damage to the bark. The roots will be surrounded with sharp sand prior to the replacement of any soil or other material in the vicinity.

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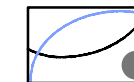


Legend

Plot Boundary



Existing Trees



Schedule of Tree Categories

Category A

Those of high quality & value in such a condition as to be able to make a substantial contribution (min 40yrs)



Category B

Those of moderate quality & value; in such a condition as to be able to make a significant contribution (min 20yrs)



Category C

Those of low quality & value; currently in adequate condition, to remain until new planting established (min 10yrs), or young trees currently with a stem Ø below 150mm.



Category U

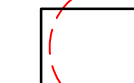
Those in such a condition that any existing value would be lost within 10years, and which should in the current context be removed for reasons of sound aboricultural management.



Root Protection Areas.

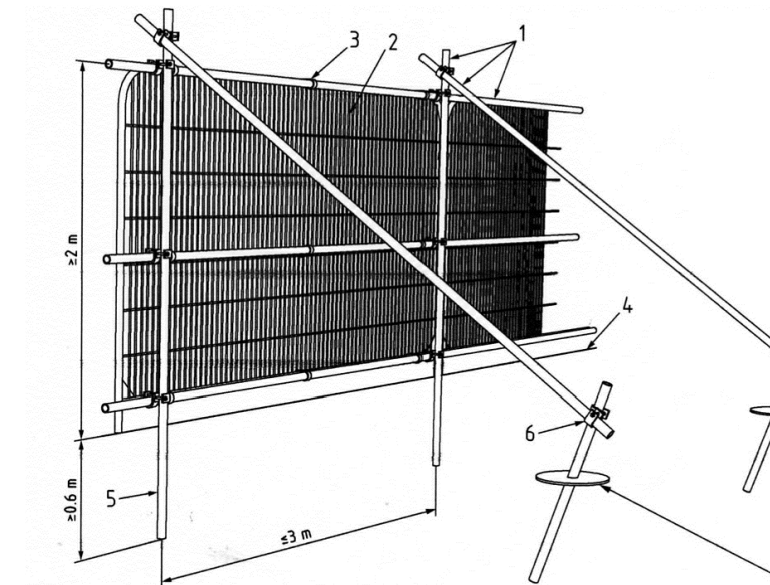


Trees to be removed



Protective Fencing

This fencing will be constructed with weld mesh, or similarly sturdy material (Herras type fencing), driven into the ground to a suitable depth to ensure its stability all in line with BS5837:2012 figures 2 or 3 (shown below)

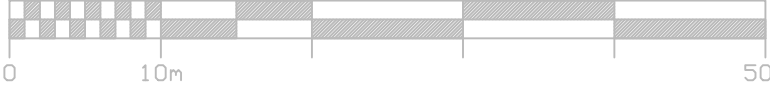


- Key
- Standard scaffold poles
 - Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
 - Panels secured to uprights and cross-members with wire ties
 - Ground level
 - Uprights driven into the ground until secure (minimum depth 0.6 m)
 - Standard scaffold clamps

Revisions

Dwn. Date

Scale: 1:500 @ A1



Project

Kennel Lane, Witherley

Drawing

Tree Protection Plan

Status

For Planning, Tender & Construction

Date

19.01.2026

Dwg. No.

25.1991.020

Revision

-

Drawn

cjn

Checked

cjn

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