

ARBORICULTURAL METHOD STATEMENT

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This report provides the methodology for the implementation of any aspect of development that is within the root protection area or has the potential to result in loss of or damage to a tree.

PLANNING

The project manager will appoint an Arboricultural Consultant (AC) to oversee tree protection details and sensitive works close to trees. The site manager must bring the details of this method statement to the attention of all relevant parties. If there is any confusion on the identification of trees or specifications within this report contact must be made with the appointed arboricultural consultant for clarification.

The project or site manager will immediately inform the arboricultural consultant if at any time the site manager, the fencing contractor or the groundwork contractor(s) are replaced, so that the arboricultural consultant can meet with the relevant person and make clear the requirements of arboricultural method statement.

Any new or revised drawings which might result in works within the RPAs or crown spreads of trees are to be sent to the arboricultural consultant so that he can give appropriate advice; any such works must not be carried out until the arboricultural consultant has seen and commented on the drawings as further approval from the Local Planning Authority might be required.

SEQUENCE OF WORKS

The following actions shall be undertaken, in the order specified in the below. Unless otherwise agreed with the Local Planning Authority:

1. Remove Bay T2
2. Attend Pre-start meeting (AC to attend)
3. Install protective fencing (AC to check) - if the contractor is confident with the specification this could be done prior to the Pre-start meeting so that the fencing can be checked and signed off at the meeting.
4. Start demolition / development works (AC to monitor)
5. Undertake replacement hard surfacing within RPAs (AC to attend)
6. Complete development works (AC to be informed)
7. Remove protective fencing

PRE-START MEETING

Before any site clearance or construction works takes place the project manager will arrange a tree related pre-start site meeting to go over this report and any issues that could arise during works; the meeting shall be attended by the site manager, the fencing contractor, the groundwork contractor(s) and the arboricultural consultant; the project manager shall invite the Local Planning Authority tree officer to attend.

At the meeting contact details shall be exchanged and the scheme of tree protection shall be discussed, so that all parties are clear on:

1. the specifications of the tree protection
2. the chronological sequence of events & timings for visits
3. any special requirements (such as supervised excavations within RPAs)
4. service and drainage routes
5. it may be the case that unforeseen changes arise from the meeting; which might need to be formally agreed by the Local Planning Authority before being implemented.

MONITORING AND SUPERVISION

Once the tree protection barriers have been installed, the Arboricultural Consultant (AC) will undertake a visit to inspect them. If the tree protection measures comply with this report, the AC will sign off the tree protection and will send a record of compliance to the project manager.

If the specifications or locations of these items do not comply with this report the AC will inform the relevant party of what adjustments are required and if necessary will undertake a further visit to check that these have been carried out. Once compliance has been made this will be signed off (as per the previous paragraph).

Throughout the project the AC will undertake regular monitoring visits to check the effectiveness of the protective measures and condition of the trees. The default frequency shall be once a month, however, this can be changed depending on the risk to trees and following the express agreement with the Planning Authority Tree Officer. This shall include a final visit once the development is complete, to check the condition of trees. Supervision visits (see sequence of works) shall also be undertaken for key events or ground works close to trees.

Supervision and site monitoring can be undertaken at the same visit. The AC shall be given at least 3 working days notice of any activity or events that requires attendance. Tree protection compliance and site visit notes shall be sent to the project manager within 5 working days of any visits, the project manager will forward these to the Planning Authority Tree Officer or Tree Section within 5 working days of receipt.

- Before any demolition starts all the relevant protective measures as shown on the TPP must be in place.
- Pre-commencement meeting with the project arboricultural and site manager to discuss the critical stages during the demolition phase.
- All plant machinery must be located outside the RPA.
- Disassemble the TPF to allow basic access to the work area.
- In the event of contamination of the soil from fuel and oil leakage the project arboricultural must be contacted immediately to assess the impact.

ROOT PROTECTION AREAS (RPAs)

The RPA is a layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's stability, and where the protection of the roots and soil structure is treated as a priority. Most of the tree's critical rooting system is usually found within the upper 800mm of soil; therefore great care is required to prevent harm to trees when undertaking any ground works.

CONSTRUCTION EXCLUSION ZONES

Construction Exclusion Zones shall protect the soil within RPAs as well as above ground tree parts. Once the physical tree protection is in situ, the arboricultural consultant will make a visit to inspect it. The tree protection must not be moved or altered without the permission of the approved arboricultural consultant. In the event that the physical tree protection is accidentally damaged or knocked out of position, those sections must be repaired or replaced as soon as practicable possible. Once all construction works are completed the arboricultural consultant will be notified before any physical tree protection is removed.

The physical tree protection (detailed in the following sections) shall form the edge of Construction Exclusion Zones (CEZs) and will restrict access into these areas. The tree protection and the CEZs must be considered as sacrosanct.

On the tree side of protective fencing:

1. No personnel, plant or vehicles shall enter
2. No excavation for foundations, drainage or service runs
3. No storage of equipment or materials
4. No clearance of existing vegetation
5. No changes to soil levels (including topsoil)

In areas covered by areas of hard surfacing to be retained as ground protection:

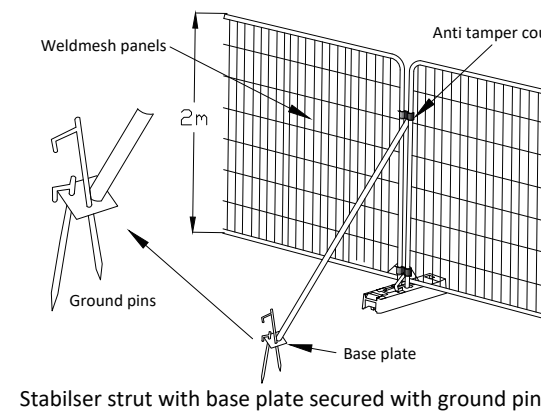
1. No excavation for foundations, drainage or service runs
2. No storage of wet cement or materials that might be toxic to tree roots (unless special provisions are made to prevent spills or run off into the surrounding soil; e.g. a cement mixing area made from a polythene sheet laid onto boarding with a lip around the edges to prevent run off. Cement is toxic to tree roots.
3. No changes to underlying soil levels

Furthermore:

1. No notice boards, or power or telephone cables, shall be attached to any of the trees.
2. No fires shall be lit within RPAs of trees to be retained or within 10m of the canopies of any trees to be retained (whichever is the greater).

PROTECTIVE FENCING - alternative specification

Protective fencing shall consist of a scaffold framework in accordance with figure 3 of British Standard 5837 (2012); comprising 2m tall welded mesh panels on rubber or concrete feet. Onto this, welded mesh panels shall be securely fixed with wire or scaffold clamps joined together using a minimum of two anti-tamper couplers, installed so that they can only be removed from inside the fence. The distance between the fence couplers shall be at least 1m and shall be uniform throughout the fence. The panels shall be supported on the inner side by stabiliser struts, attached to a base plate secured with ground pins.



Stabiliser strut with base plate secured with ground pins



REPLACEMENT HARD SURFACING

Existing hard surfacing within RPAs to be replaced shall be done so under arboricultural supervision, so that the soil and roots beneath the existing hard surfacing or associated sub-base are not disturbed. The new hard surfacing shall be installed above the undisturbed soil.

SERVICES & DRAINAGE

All underground services and drainage (including any soakaways) must be installed outside of the RPAs of trees to be retained.

IMPORTANT

BEFORE ANY SITE / DEVELOPMENT ACTIVITY BEGINS

CONTACT THE ARBORICULTURAL CONSULTANT:

- To attend a tree related pre-start meeting
- To clarify which trees require pruning or removal
- To check the tree protection

DURING DEVELOPMENT WORKS CONTACT THE ARBORICULTURAL CONSULTANT:

- To supervise ground works near trees
- If any new drawings show ground works near trees
- Before any tree protection is moved

IF WORKING NEXT TO TREES - STOP & THINK. ESPECIALLY IF DIGGING NEAR A TREE - ARE YOU DAMAGING ROOTS? IF IN ANY DOUBT STOP AND CALL THE ARBORICULTURAL CONSULTANT.

LANDSCAPING, FENCING & REINSTATEMENT

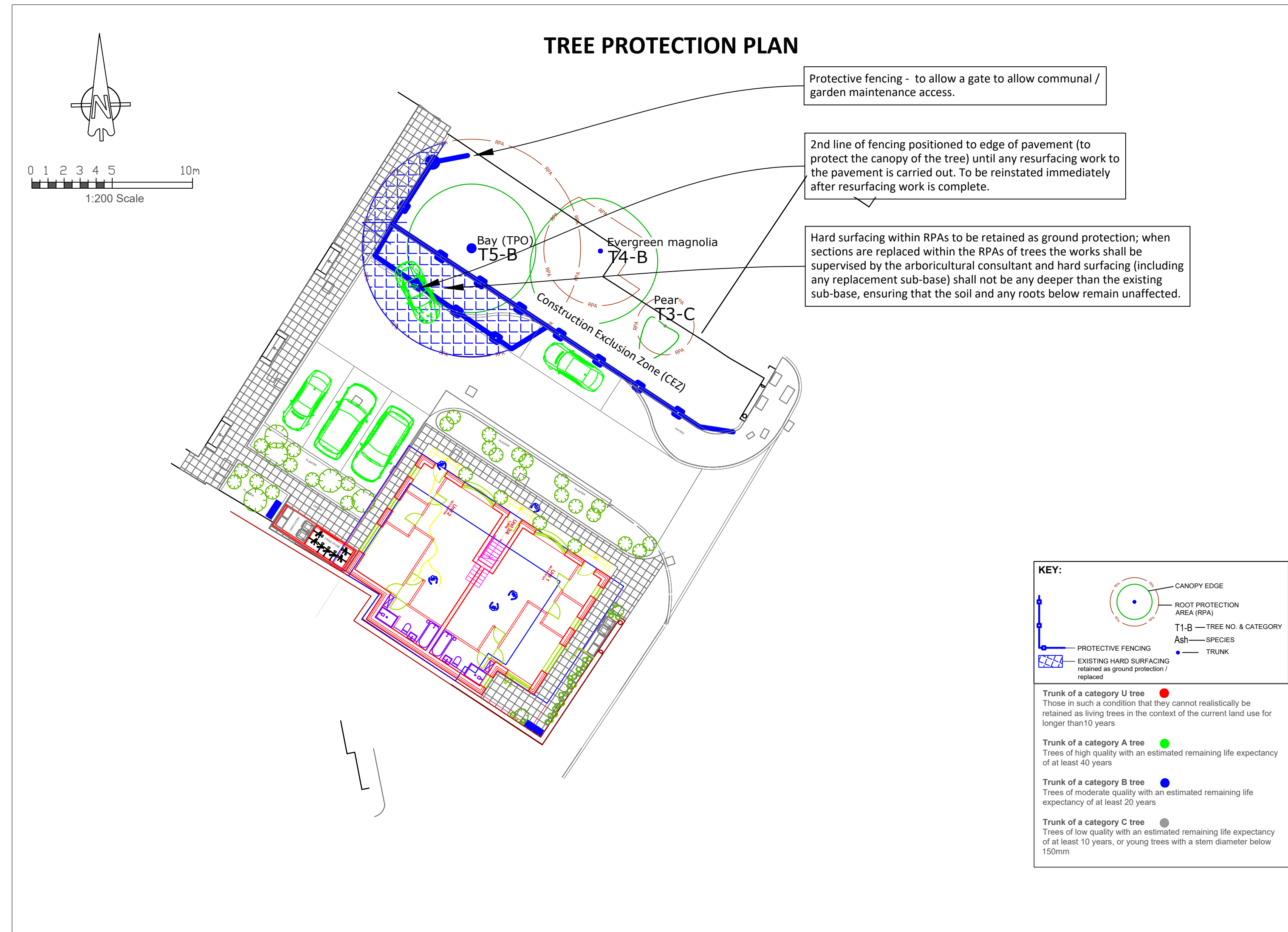
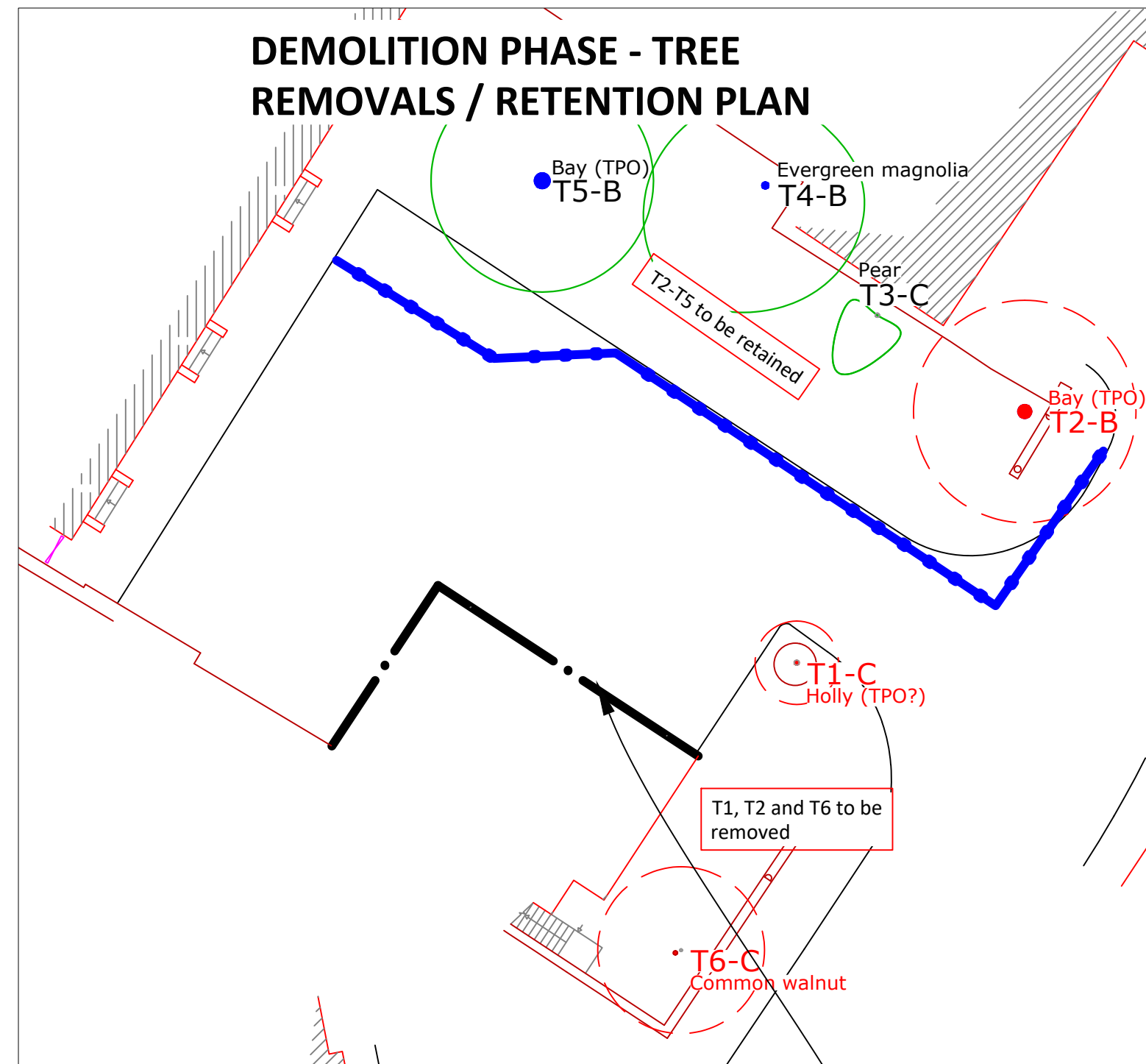
Final fencing, soft landscaping and reinstatement shall only be undertaken after all the protective fencing and ground protection has been removed (following written consent of the Arboricultural Consultant for removal of the tree protection). It is important to note that great care is needed by all contractors to avoid damage to the trees.

The Arboricultural consultant shall be contacted for advice before any ground works close to trees is undertaken. Removal of any existing hard surfacing within RPAs of trees shall be carried out with care using either hand held tools or a toothless bucket on a tracked excavator (e.g. mini-digger). Taking care to go no deeper than the existing hard-standing and sub-base (not disturbing the soil and any roots below) or striking parts of the tree(s). If heavy plant or a tracked excavator is used it shall stand outside of the RPAs of trees or on suitable ground protection.

Heavy machinery (e.g. tracked excavators with digger buckets) shall not be used for re-grading of soil within the RPAs of trees and heavy mechanical cultivation such as ploughing or rotavation must not occur within RPAs.

Digging (for fence posts etc.) shall be undertaken using hand held tools. If roots or clumps of 25mm diameter and above are encountered they shall be retained and protected; the position of the proposed post will be re-located. All roots exposed shall be back-filled with the original soil.

After the removal of the tree protection and final landscaping works the arboricultural consultant shall make an assessment of the condition of the trees, which might result in a requirement for remedial works such as soil decompaction.



KEY:

- CANOPY EDGE
- ROOT PROTECTION AREA (RPA)
- T1-B — TREE NO. & CATEGORY
- ASH — SPECIES
- TRUNK
- PROTECTIVE FENCING
- EXISTING HARD SURFACING retained as ground protection / replaced

Trunk of a category U tree
Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years

Trunk of a category A tree
Trees of high quality with an estimated remaining life expectancy of at least 40 years

Trunk of a category B tree
Trees of moderate quality with an estimated remaining life expectancy of at least 20 years

Trunk of a category C tree
Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm

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Client: Colin Deehan
Site: Hunters Lodge, Friars Lane, Richmond Green, TW9 1NX
Title: Tree Protection Plan & Method Statement
Date: 9/03/24 Scale: 1:200 Paper Size: A1
Drawn: GRS Checked: GRS
Drawing Number: TPP and AMS 01
Also see Tree Constraints Plan and Impacts Assessment

Please ensure all dimensions on site and any if there are any discrepancies please notify us.
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