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# ARBORICULTURAL IMPACT ASSESSMENT AND METHOD STATEMENT

BS5837:2012

**On behalf of:**  
Alice Reynolds

**Site address:**  
2 The Paddock,  
Crowthorne,  
RG45 6HS

**Prepared by:**  
JJ/KC

**Report reference:**  
AAAIA2THE

**Report date:**  
8th May 2026

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## **1.0 Instruction**

All Arboriculture has been instructed by Alice Reynolds to undertake an Arboricultural Impact Assessment, Arboricultural Method Statement and Tree Protection Plan in accordance with BS5837:2012 Trees in relation to design, demolition and construction – Recommendations. The instruction was received on the 6th April 2026. The site visit was carried out on the 13th April 2026.

## **2.0 Statement of purpose**

The purpose of this report is to provide the Local Planning Authority with sufficient arboricultural information to consider the effects of the proposed development on nearby trees and to demonstrate that trees have been appropriately considered throughout the design process.

The report includes an Arboricultural Impact Assessment and an Arboricultural Method Statement which sets out how works will be undertaken to ensure the protection of retained trees.

## **3.0 Associated documents and drawings**

This report should be read in conjunction with the following documents and drawings:

1. PAD-P100-P1-Site Layout Plan
2. British Standards Institute - BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations
3. Tree Protection Plan – AATPP2THE

## **4.0 Site description**

The site relates to 2 The Paddock, Crowthorne, RG45 6HS. The proposals comprise the erection of a single storey rear extension.

## **5.0 Vegetation description**

The site contains a number of individual trees of varying quality, as detailed within the accompanying Tree Survey Schedule.

A search of Wokingham Borough Councils records has been undertaken to establish whether any trees are subject to a Tree Preservation Order or whether the site is located within a Conservation Area.

At the time of writing, a blanket Tree Preservation Order - 786/1996 Tree Reference: A1 is known to affect trees within the site but the site is not within a Conservation Area.

## 6.0 Arboricultural impact assessment

| Table 1: Summary of impacts |      |
|-----------------------------|------|
| Tree removal                | None |
| Facilitation pruning        | None |
| Demolition within RPA       | None |
| New surfacing within RPA    | None |
| New structures within RPA   | None |

**Building construction in relation to tree roots:** No tree removal is required to facilitate the construction of the proposed single storey rear extension. The proposed works are outside of the RPAs (Root protection areas) of retained trees and therefore traditional construction methods may be used.

**Building construction in relation to tree crowns:** No facilitation pruning is required. It is important that sufficient growing space is allowed between the mature crown extent of each tree and the roof edge of the proposed structures. This is to reduce conflicts of interest in the future and to reduce the pressure to prune trees to keep them clear of roofs: A clearance of two metres from the mature tree crown is generally considered acceptable which is the case with this proposal.

**Tree root and canopy protection:** The RPA of the retained trees should be protected during the development phase to ensure heavy machinery is not operated, or materials stored within the rooting area. This can be detrimental to the trees, causing soil compaction and root die back.

**Materials delivery, storage and handling:** Materials should not be handled or stored within the RPAs of retained trees; the load exerted can result in soil compaction and leachate from spills can be toxic to trees.

**Surface drains, soakaways and services:** It is important that services, surface drains and soakaways avoid the RPAs of retained trees as roots can be damaged during trench excavations. The method of installation and location of services should therefore be agreed with the local planning authority prior to the development phase commencing.

## 7.0 Arboricultural method statement

**Implementation and phasing of the proposed development:** Prior to the commencement of development, a pre-commencement meeting will be held between the project arboriculturist and site manager to confirm working methods and protection measures.

**Tree protection barriers:** Protective fencing will be installed prior to any demolition, site clearance or construction activity. The fencing will be erected in the positions shown on the Tree Protection Plan and will define the Construction Exclusion Zones. The fencing will be in accordance with BS 5837:2012 and will comprise a scaffold framework with welded mesh panels securely fixed in place. It will remain in position for the duration of construction and will not be altered without agreement of the project arboricultural consultant.

**Ground protection:** Will not be required.

**Surface drains soakaways and services:** No details of new service runs have been provided at this stage but it is likely they will be connected to the existing. All services should be routed to avoid the Root Protection Areas of retained trees where possible. Where this cannot be achieved alternative installation techniques will be required. Trenchless methods will be used within RPAs including directional drilling pipe ramming and impact moling. Where open trenching is unavoidable this will be undertaken using hand digging or discontinuous trenching to avoid root damage. Common service ducts will be used where multiple runs are required within RPAs in order to minimise excavation. All works will be carried out under arboricultural supervision and in accordance with BS5837:2012 and the NJUG Guidelines.

**Storage and handling of materials:** This site has sufficient space for materials to be stored and handled outside of retained trees RPAs.

**Contractors parking:** There is sufficient space on site and on The Paddock for parking.

**Welfare facilities:** Toilets and hand washing facilities shall be made available within the property and there is sufficient space for temporary facilities.

**Supervision:** The project arboriculturalist will attend the site to inspect the tree protection and ensure that it has been laid out as prescribed in the method statement and meets the requirements of BS5837:2012.

**Tree works:** No tree works are required.

## Sequencing of works

1. Tree works
2. Installation of Tree Protection as shown on the TPP.
3. Arboricultural Consultant to check Tree Protection at this stage.
4. Main construction phase.
5. Remove tree protection when all construction activity has ended.
6. Completion.

## Contacts

### Architect and Agent:

Name: Lucy Newman Architect

Tel:

E:

### Arboricultural Consultant:

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# APPENDIX 1 - Tree Schedule Schedule

| Tree No | Species                                 | Height (m) | Trunk Diameter (cm) | Crown spread (m) |   | Crown height above ground (m) | Life stage   | General observations                              | BS 5837 cat | Root protection area (m) |
|---------|-----------------------------------------|------------|---------------------|------------------|---|-------------------------------|--------------|---------------------------------------------------|-------------|--------------------------|
| 1       | Oak <i>Quercus robur</i>                | 20         | 57                  | 6                | 6 | 4                             | Mature       | Reasonable tree. Deadwood present.                | B2          | 6.8                      |
|         |                                         |            |                     | 6                | 6 |                               |              |                                                   |             |                          |
| 2       | Holly <i>Ilex aquifolium Variegatum</i> | 3          | 18                  | 2                | 2 | 1                             | Early Mature | Previously reduced.                               | C           | 2.1                      |
|         |                                         |            |                     | 2                | 2 |                               |              |                                                   |             |                          |
| 3       | Birch <i>Betula pendula</i>             | 18         | 44                  | 4                | 4 | 3                             | Mature       | Co dominant. Off site tree.                       | C           | 5.2                      |
|         |                                         |            |                     | 4                | 4 |                               |              |                                                   |             |                          |
| 4       | Holly <i>Ilex aquifolium Variegatum</i> | 4          | 16                  | 2                | 2 | 2                             | Early Mature | Off site tree.                                    | C           | 1.9                      |
|         |                                         |            |                     | 2                | 2 |                               |              |                                                   |             |                          |
| 5       | Oak <i>Quercus robur</i>                | 20         | 66                  | 6                | 7 | 5                             | Mature       | Reasonable tree. Deadwood present. Off site tree. | B           | 7.9                      |
|         |                                         |            |                     | 6                | 6 |                               |              |                                                   |             |                          |

## APPENDIX 1 - Tree Schedule Schedule

### Survey Key

#### Diameter (mm)

Stem diameter in millimetres measured at 1.5m above ground level. Where the stem is divided below 1.5m, measurement is taken as directed by BS:5837 Annex

#### C. RPA - Root Protection Area

RPA circle radius is determined from Annex D of BS:5837. R- Radius

#### A – Area

#### Branch Spread (m)

Radial crown spread in metres, measured for each of the four cardinal points of the compass from the centre of the trunk. Low branches

N E  
W S

Height above ground in metres of the lowest branch and use of the 4 cardinal points of the compass.

#### Age class

(NP) Newly planted – a tree within 3 years after planting

(Y) Young – a tree within its first one third of life expectancy

(EM) Early Mature – a tree within its second third of life expectancy

(M) Mature – a tree in its final one third of life expectancy

(OM) Over Mature – a tree having reached its maximum life span and is declining in health and size due to old age

(V) Veteran – a tree in the second or mature stage of its life and has important wildlife and habitat features including; hollowing or associated decay fungi, holes, wounds and large dead branches.

(A) Ancient – a tree in the ancient or third and final stage of their life that is of interest biologically, aesthetically or culturally because of its age, size and condition

#### Physiological Condition

GOOD – a tree in a healthy condition with no significant problems

FAIR – a tree generally in good health with some problems that can be remediated POOR – a tree in poor health with significant problems that can't be remediated DEAD – a tree without sufficient live material to sustain life

#### Structural Condition

An assessment of the structural/safe condition of the tree categorised into:

GOOD – a tree in a safe condition with no significant defects

FAIR – a tree in a safe condition at present but with defects or with significant defects that can be remediated POOR – a tree with significant defects that can't be remediated.

EC - Estimated remaining contribution in years (based on the species and its current condition)

<10 Up to 10 years

10+ 10 years or more

20+ 20 years or more

40+ 40 years or more

Category (Tree quality assessment)

Category U – Tree in poor condition that cannot realistically be retained

for longer than 10 years Category A – Trees of high quality

Category B – Trees of moderate quality Category

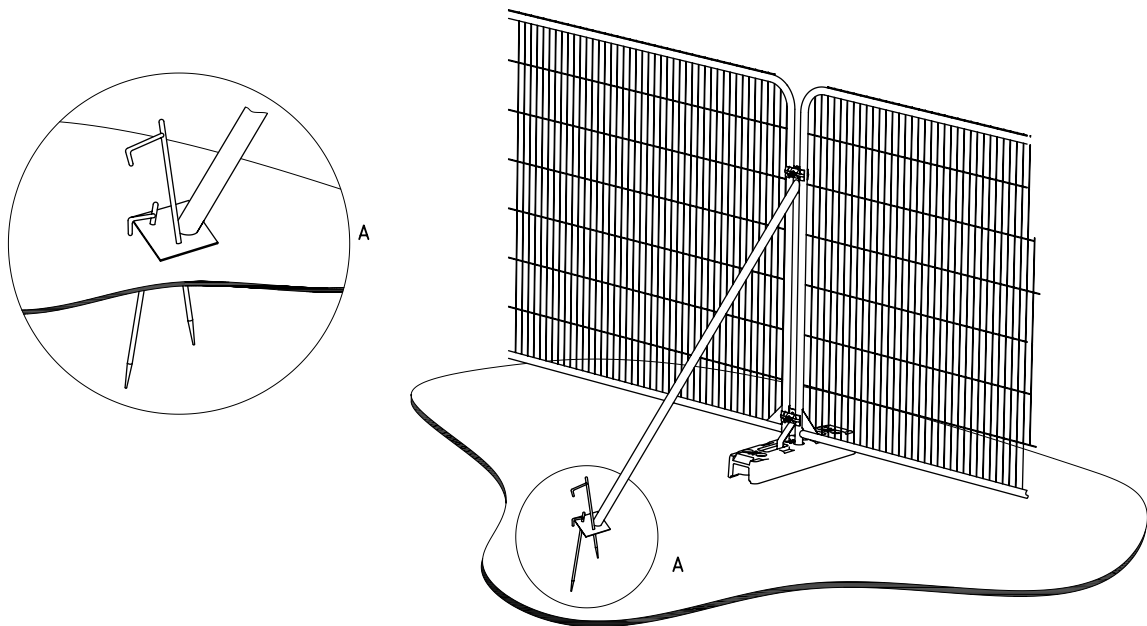
C – Trees of low quality

## APPENDIX 2 – Protective fencing

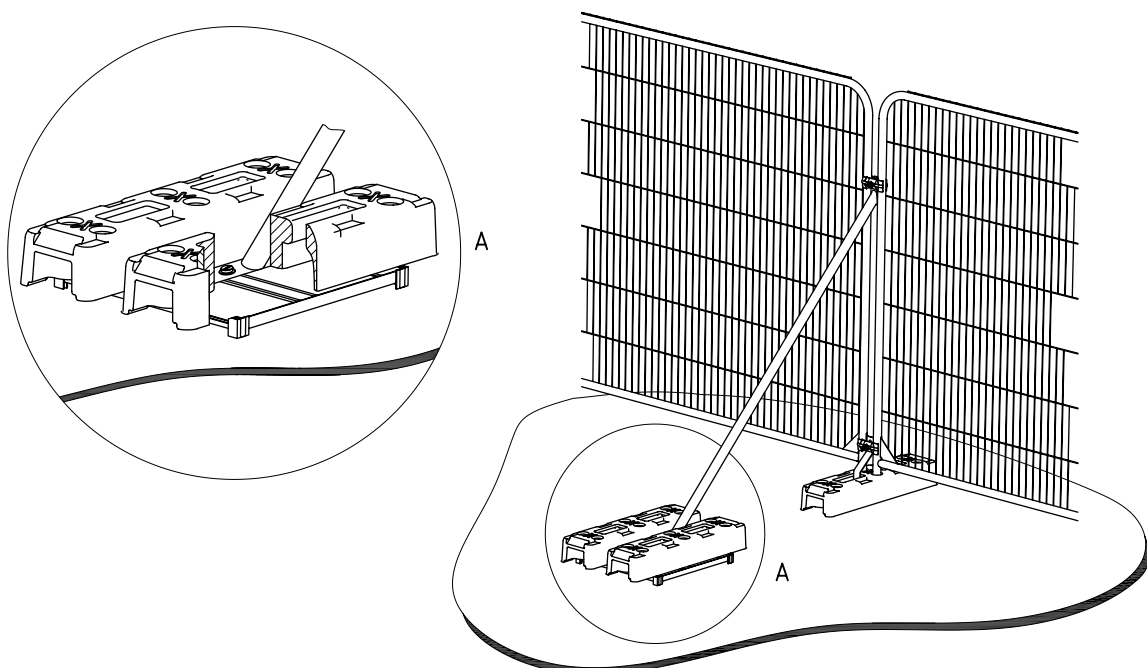
Protective fencing should be erected before any construction commences on site. It should also be in position to protect important trees prior to demolition.

Protective fencing should stay in position until all construction activity has finished.

'Fencing should be established at the minimum distance set out in British Standard 5837:2012 *'Trees in relation to design, demolition and construction - Recommendations'*. Excavations should not encroach into the fence position and it is appropriate to keep at least 0.5m between the fence and any changes in level.



a) Stabilizer strut with base plate secured with ground pins



b) Stabilizer strut mounted on block tray

**Protective fencing:**  
Protective fencing **must** be erected before any construction commences on site. It should also be in position to protect important trees prior to demolition. Protective fencing should stay in position until all construction activity has finished.  
'Fencing should be established at the minimum distance set out in British Standard 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'. Excavations should not encroach into the fence position and it is appropriate to keep at least 0.5m between the fence and any changes in level.

Tree Protection Areas - Construction Exclusion Zones

**INSTALLING PROTECTION** Protective barriers and ground protection (as approved), must be installed before any materials or machinery are brought onto the site and before the commencement of any demolition, general site clearance, ground or construction works of any description.

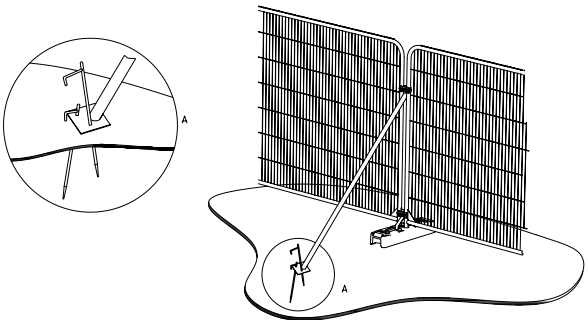
**RETENTION OF PROTECTION** All protective measures **must** remain fully intact, vertical (in the case of barriers), in their approved locations, from the outset of the development and maintained, at all times, until all works have been completed on site, including any earthworks and associated soft landscaping works. Any approved phasing of protective measures must be fully observed and complied with.

**RESTRICTIONS** Tree Protection Areas/ Construction Exclusion Zones are to remain completely undisturbed for the duration of **all** development works. **No** construction activity of any description including but not limited to the following must occur within these areas at any time.

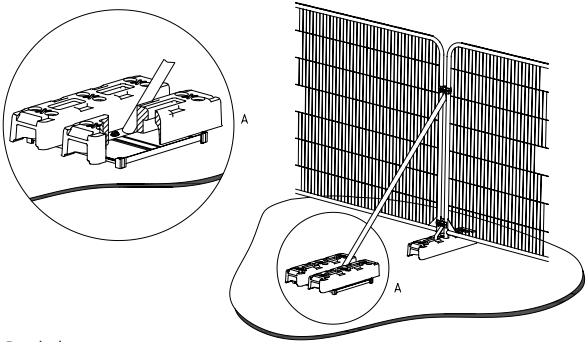
- No excavation of any description.
- No storage, disposal of soil, rubble or materials of any other description.
- No alterations to existing levels or ground conditions.
- No vehicular access, parking or use of any tracked or wheeled machinery of any description.
- No tree works, without the written consent of the Council's Tree Service.
- No erection of temporary structures of any description.
- No fires.
- No storage disposal handling or use of any Chemicals including cement washings.
- No fixtures or fittings of any description \_ security lighting, signage etc shall be attached to any part of a tree.

- No fires shall be light within 10 metres of the canopies of any tree or spread of any hedge.
- No chemicals, fuel, liquids/waste residues of any other description to be stored or disposed of within close proximity to or drained towards/ into protection areas.

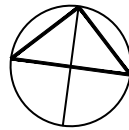
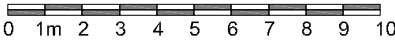
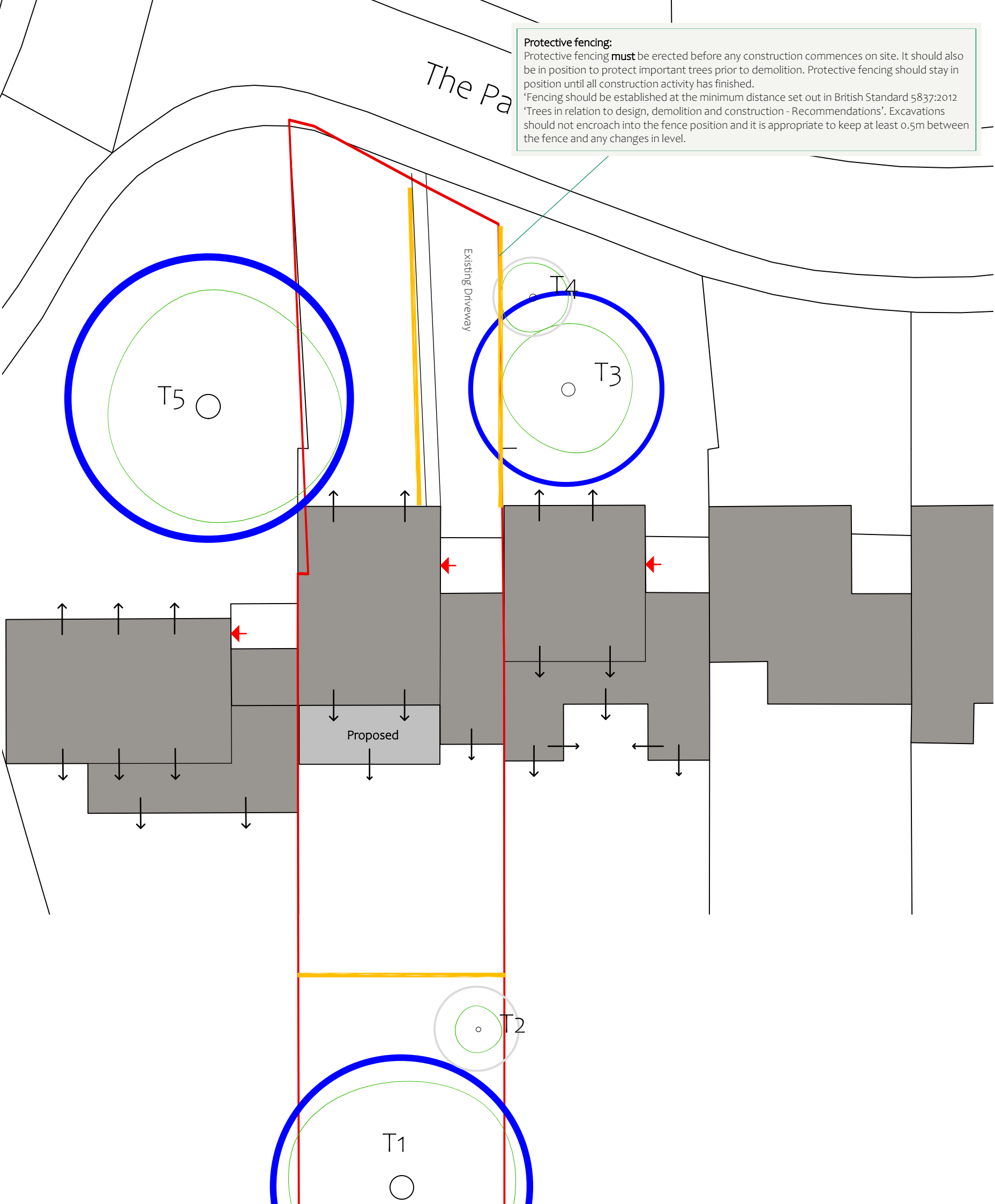
**PROTECTION AREA SIGNAGE** - All weather notices as below or similar to be fixed to protective barriers at regular intervals (maximum spacing 5m) throughout site and maintained until completion of **all** development works



a) Stabilizer strut with base plate secured with ground pins



b) Stabilizer strut mounted on block tray



- RPA for Cat A\* tree
- RPA for Cat B\* tree
- RPA for Cat C\* tree
- RPA for Cat U\* tree
- Tree canopy
- Heras fencing

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|              |                                     |               |
|--------------|-------------------------------------|---------------|
| Client:      | Alice Reynolds                      |               |
| Consultant:  | Kristian Chesterman                 |               |
| Site:        | 2 The Paddock, Crowthorne, RG45 6HS |               |
| Title:       | Tree Protection Plan                |               |
| Scale at A3: | Date:                               | Document Ref. |
| 1:200        | 08/05/2026                          | AATPP2THE     |