



**ALLARBORICULTURE**

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# ARBORICULTURAL IMPACT ASSESSMENT AND METHOD STATEMENT

BS5837:2012

**On behalf of:**

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**Prepared by:**

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BSc (Hons)

**Report reference:**

AAAIA7BUC

**Report date:**

17th October 2025

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## 1.0 Instruction

All Arboriculture has been instructed by Catherine Salt to undertake a tree survey in accordance with BS5837:2012 *Trees In relation to design, demolition and construction – Recommendations*, and to produce an Arboricultural Impact Assessment, Arboricultural Method Statement and Tree Protection Plan. The instruction was received on the 13th October 2025. The tree survey was carried out on the 16th October 2025.

## 2.0 Statement of purpose

The purpose of this report is to provide local planning authorities with sufficient arboricultural information to consider the effect of the proposed development on nearby trees, and to demonstrate that trees have been carefully considered throughout the development process.

The report includes an arboricultural method statement that describes how work will be undertaken to provide adequate protection of retained trees.

## 3.0 Associated documents and drawings

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

1. 450-07
2. British Standards Institute - BS5837:2012 *Trees in relation to design, demolition and construction – Recommendations*
3. Tree Protection Plan – AATPP7BUC

## 4.0 Site description

The site is in the urban area of Wokingham and is a detached residential dwelling. The proposal is a rear extension. The site falls under the jurisdiction of Wokingham Council.

## 5.0 Vegetation description

The vegetation consists of 1 Category B tree.

Tree 1 is subject to A tree Preservation Order (TPO-0004-1960 - T35) Some tree protection measures and working methodology (in accordance with BS 5837:2012) will ensure they are not detrimentally affected during construction.

## 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 will be required for the installation of the proposed. All works are outside of the RPA of T1 so traditional construction methods may be used and will not have any impact.

**Building construction in relation to tree crowns:** No facilitation pruning will be 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 which is the case with this proposal.

**Tree root and canopy protection:** The RPA (Root protection area) 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.

**Special surfacing:** I do not consider special surfacing to be warranted.

**Materials delivery, storage and handling:** Materials should not be handled or stored within the RPA's 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 soak aways avoid the RPA's of retained trees as roots can be damaged during trench excavations. The 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 any building work commencing on site, a meeting will be held with the tree consultant and site manager present. During the meeting details regarding the location of tree protection will be discussed and a time to reconvene in order to assess the tree protection will be agreed.

**Tree protection barriers:** Protective fencing must be installed prior to the commencement of any development activity and will be retained in the positions shown on the tree protection plan (AATPP7BUC). The fencing will be to the BS 5837:2012 'Trees in relation to design, demolition and construction – recommendations' (section 6.2) i.e. preformed galvanised steel mesh panels ('Heras' or similar) facings on a driven braced scaffold pole framework. It will be retained at the locations shown until construction is completed. It may be moved or removed only with notice to and consent from the local planning authority.

**Ground protection:** Temporary ground protection will not be required.

**Surface drains, soak aways and services:** I have not been provided with details of services. In the unlikely event that existing cables need to be unearthed within an RPA, the method for doing so will accord with the recommendations in the NJUG Publication: Volume 4: Issue 2: 16/11/2007: Guidelines for the planning, installation and maintenance of utility apparatus in proximity to trees. Trenches will be dug by hand and any roots over 2.5cm in diameter will be retained undamaged. Smaller roots may be cut back to the proximal face with a clean, sharp pair of secateurs. The trench backfill around the roots shall be a granular material that can be compacted to the point where it can bear the new surfacing without subsiding but without abrasion of tree roots and without raising the soil bulk density to the point where root growth cannot take place. Should it be necessary, this operation will be overseen by the project arboriculturist. Storage and handling of materials: This site has sufficient space for materials to be stored and handled.

**Contractors parking:** There is sufficient space on site 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 arborist 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 BS5837:12. It is the responsibility of the site manager to inform the arboricultural consultant when inspections are required.

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

## Sequencing of works

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

## Contacts

### Architect and Agent:

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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> | 16         | 79                  | 7                | 7 | 2                             | Mature     | No significant defects. Minor deadwood present. | B           | 9.4                      |
|         |                          |            |                     | 7                | 7 |                               |            |                                                 |             |                          |

## 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

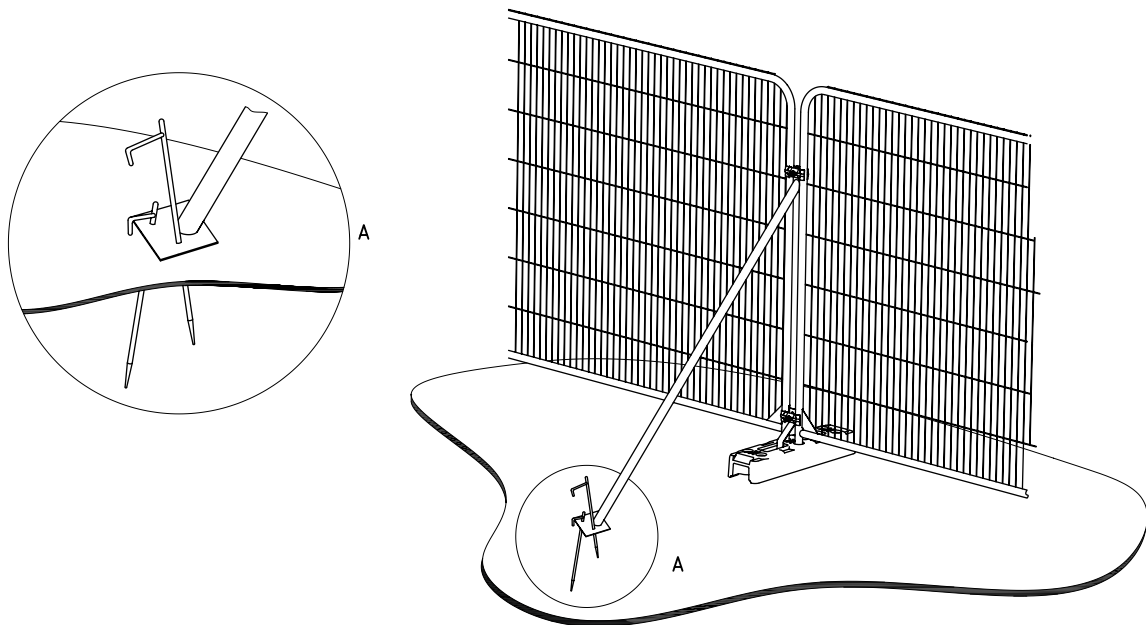
C – Trees of low quality

## APPENDIX 2 – Protective fencing

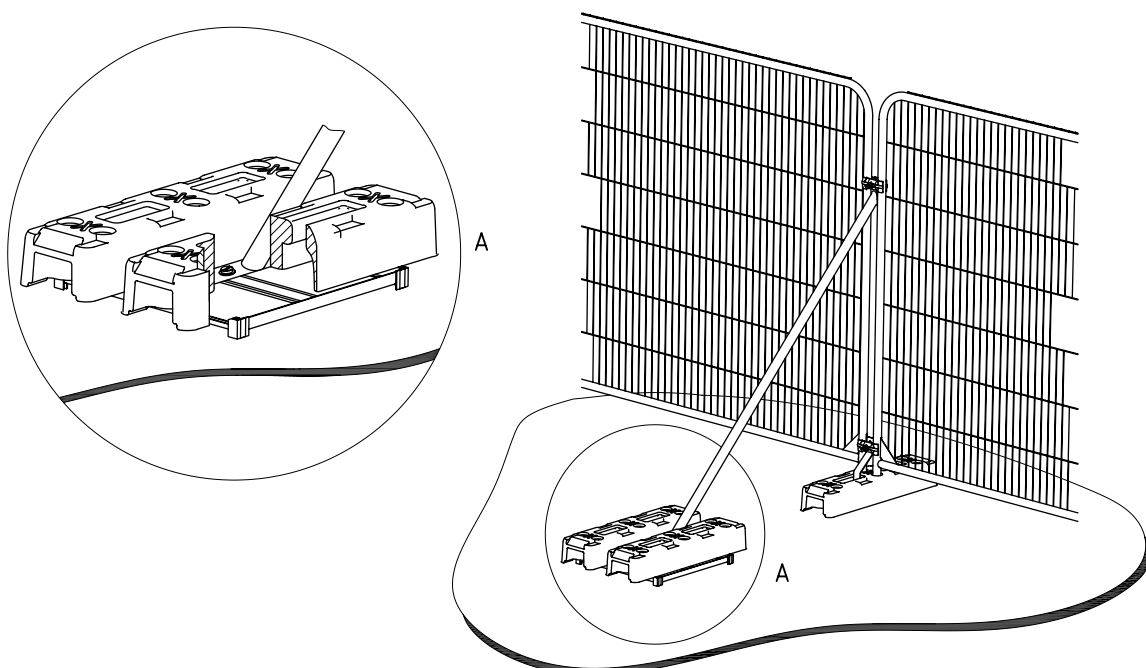
Protective fencing should be erected before any construction commences on site. It should also be in position to protect important trees prior to demolition or works.

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.

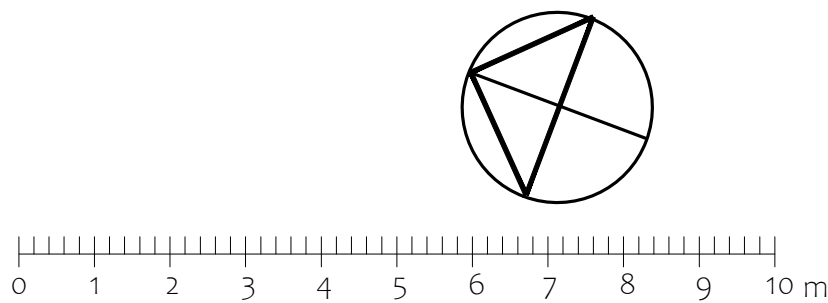
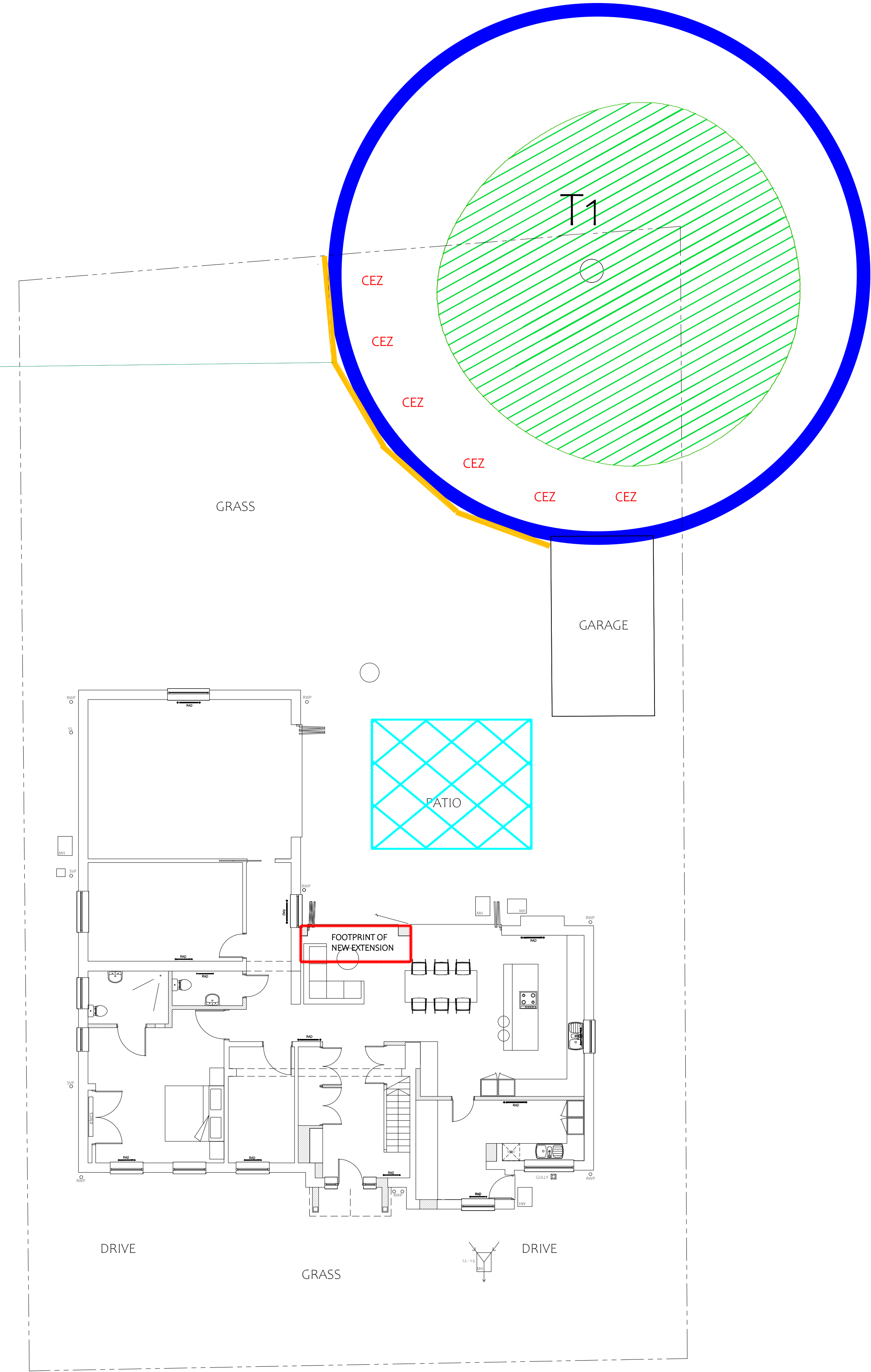


a) Stabilizer strut with base plate secured with ground pins



b) Stabilizer strut mounted on block tray

**Protective Fencing:**  
Protective fencing **must** be erected before any construction commences on site. It **must** 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.



- RPA for Cat A\* tree
- RPA for Cat B\* tree
- RPA for Cat C\* tree
- RPA for Cat U\* tree
- Tree Canopy
- Heras Fencing
- Ground Protection
- Material Storage
- CEZ Construction Exclusion Zone

|                                                               |                     |                            |
|---------------------------------------------------------------|---------------------|----------------------------|
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| Client: Catherine Salt                                        |                     |                            |
| Consultant: Kristian Chesterman                               |                     |                            |
| Site: 7 Buckhurst Grove, Wokingham,<br>RG40 2JR               |                     |                            |
| Title: Tree Protection Plan                                   |                     |                            |
| Scale at A1:<br>1:100                                         | Date:<br>17/10/2025 | Document Ref.<br>AATPP7BUC |