

# Arboricultural Method Statement and Tree Protection Plan

**Site Address:** 47/47A Kingsend, Ruislip, HA4 7DD

**Proposed Development:** Reinstatement of 47/47A Kingsend to its lawful use as a single dwellinghouse and erection of a part single-storey, part two-storey rear extension following demolition of an existing conservatory, conversion of roof space into habitable accommodation including installation of a rear dormer and rooflights, formation of a crown roof, alterations to fenestration and conversion of the existing garage to habitable space.

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## 1. Introduction

This Arboricultural Method Statement (AMS) and Tree Protection Plan (TPP) has been prepared to ensure that existing trees in proximity to the development site are adequately protected during the course of the proposed construction works.

The document sets out the methodology and protective measures required to safeguard retained trees in accordance with BS 5837:2012 – Trees in Relation to Design, Demolition and Construction – Recommendations.

The procedures outlined in this document must be implemented by the appointed contractor for the duration of the works.

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## 2. Existing Trees

There are two trees (T1 & T2) located within the rear garden area of the site near the rear boundary. These trees are positioned approximately **30 metres from the proposed construction area**.

Due to their separation distance from the proposed extension works (approximately 30 metres), the proposed works are not expected to directly impact the trees or their Root Protection Areas (RPAs). Nevertheless, precautionary protection measures are outlined in this document to ensure that no accidental damage occurs during the construction phase.

No trees within the development site are currently protected by a Tree Preservation Order (TPO).

Two Ash trees (T4 & T5) are located at 49 Kingsend, on the middle-right side of the house.

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### 3. Previously Removed Tree

One Ash tree (T3) previously located along the left-hand boundary of the property was removed following approval from the London Borough of Hillingdon.

**Tree Removal Application Reference:** 4082-0102-7337-7896

**Council Internal Reference:** CA/3163

**Application Date:** 29 January 2025

**Council Decision Date:** 11 March 2025

**Tree Removal Date:** 13 May 2025

Documentation confirming the approval is included within the project records.



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### 4. Root Protection Areas

Root Protection Areas (RPAs) are calculated in accordance with Section 4.6 of **BS 5837:2012**. The RPA represents the minimum area around a tree that should remain undisturbed to maintain the tree's viability.

<b>Tree Ref</b>	<b>Species</b>	<b>Location</b>	<b>Approx. Stem Diameter</b>	<b>RPA Radius</b>	<b>Notes</b>
T1	Ash	Rear boundary	Approx. 550 mm	Approx. 7.2 m	Located well beyond construction area
T2	Not known	Rear boundary	Approx. 300 mm	Approx. 3.6 m	Located well beyond construction area
T3	Ash	Middle Left	N/A	N/A	Removed

Tree Ref	Species	Location	Approx. Stem Diameter	RPA Radius	Notes
T4	Ash	Middle Right	450mm	5.4m	Located at H.49
T5	Ash	Middle Right	200mm	2.4m	Located at H.49

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## 5. Tree Protection Measures

Prior to the commencement of any construction works, protective fencing will be installed where necessary to define Construction Exclusion Zones (CEZ).

The fencing will:

- Be installed before any demolition, site clearance or construction activity begins
- Remain in place for the duration of the construction works
- Only be removed following completion of development and landscaping

Tree protection fencing will consist of:

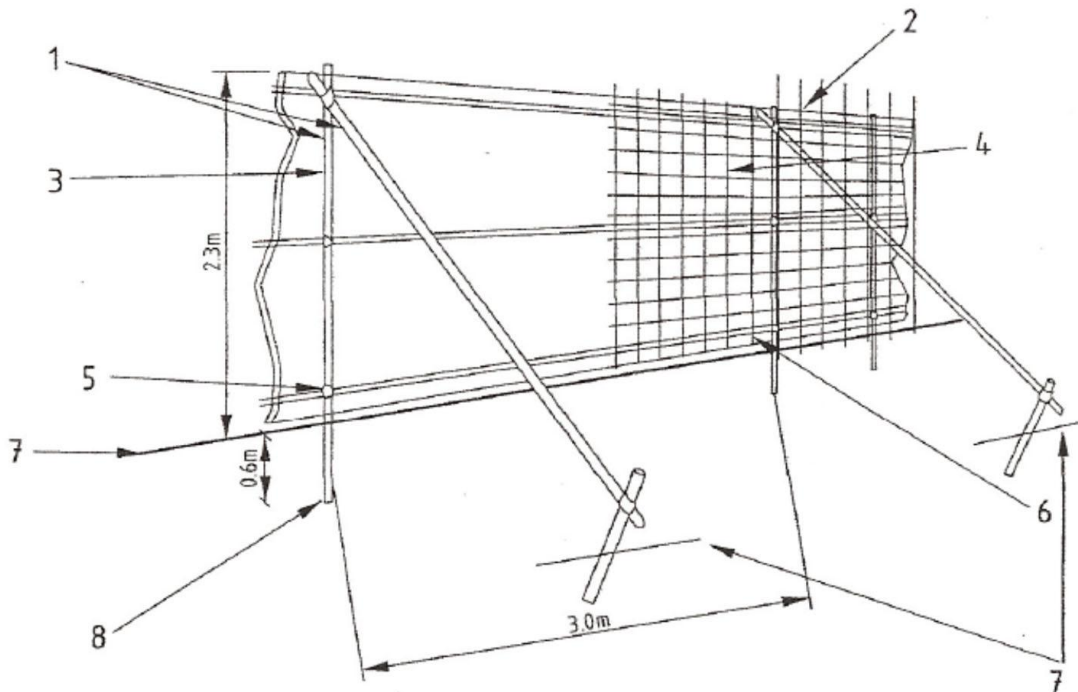
- Weldmesh panels securely fixed to a scaffold framework in accordance with Figure 1 & 2 of BS 5837:2012, **or**
- Stabilised Heras panels braced with scaffold poles and secured with ground pins to ensure rigidity

All fencing will include clear signage stating:

**“TREE PROTECTION AREA – KEEP OUT – NO ACCESS OR STORAGE.”**

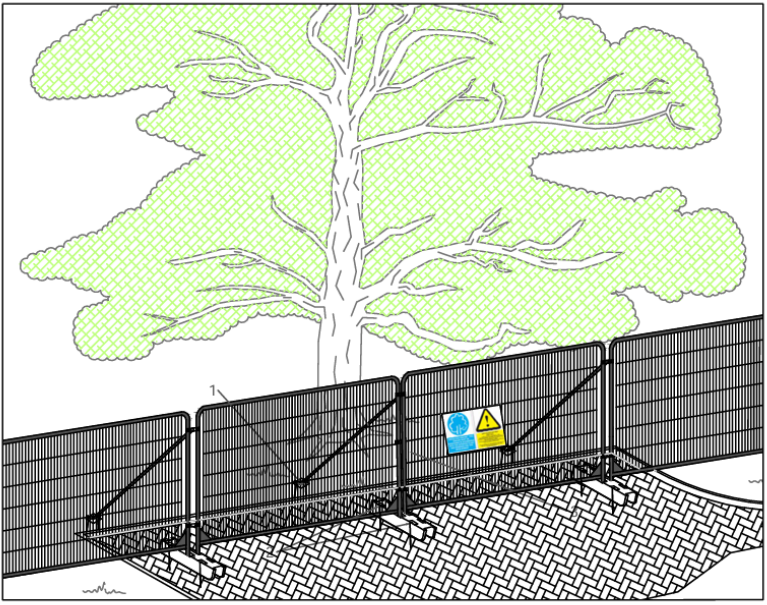
**Refer to: 11E PROP SITE - REV E – 270226** document which illustrates the location of retained trees and protective fencing.

The Site Manager will be responsible for ensuring that the protective fencing remains intact throughout the project.



- |                                                                                          |                                                                                |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1 Standard scaffold poles                                                                | 5 Standard clamps                                                              |
| 2 Uprights to be driven into the ground                                                  | 6 Wire twisted and secured on inside face of fencing to avoid easy dismantling |
| 3 Panels secured to uprights with wire ties and where necessary standard scaffold clamps | 7 Ground level                                                                 |
| 4 Weldmesh wired to the uprights and horizontals                                         | 8 Approx. 0.6 m driven into the ground                                         |

Fig 1. BS 5837:2012 Protective Barrier



- Above ground stabilising systems
1. Stabiliser strut with base plate secured with ground pins
  2. Feet blocks secured with ground pins
  3. Construction Exclusion Zone signs

Fig 2. Fencing

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## 6. Construction Methodology

Construction works will be carried out in the following general sequence:

1. Installation of tree protection fencing where required.
2. Establishment of site facilities including site welfare, storage areas and access routes.
3. Demolition of the existing conservatory.
4. Construction of foundations and extension works.
5. Completion of building works.
6. Soft landscaping works.
7. Removal of tree protection fencing.

No excavation or construction activity will occur within the Root Protection Areas of retained trees.

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## 7. Site Facilities and Storage

All temporary site facilities will be located outside of any Root Protection Areas. This includes:

- Site huts and welfare units
- Portable toilet facilities
- Material storage areas
- Cement and concrete mixing areas
- Fuel storage

No materials, spoil, chemicals or fuel will be stored within any tree protection area.

If accidental spillage occurs, contaminated material will be immediately removed using hand tools and disposed of appropriately.

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## 8. Ground Protection (If required)

If temporary access is required across sensitive ground areas, ground protection measures will be installed to prevent soil compaction.

Ground protection may consist of:

- Geotextile membrane laid over the ground surface
- A compressible layer such as woodchip or sharp sand

- Heavy-duty ground protection boards or steel plates capable of supporting construction vehicles

These measures will ensure loads are spread evenly and minimise damage to underlying soil structure.

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## 9. Excavation Near Trees

If any excavation is required within close proximity to trees, works will be undertaken using **hand tools or low-impact techniques** to avoid unnecessary root damage.

Should significant roots be encountered, works will stop and advice will be sought from a qualified arboricultural consultant before proceeding.

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## 10. Arboricultural Supervision

An Arboricultural Consultant may undertake site visits at key stages of the development if required by the project manager.

Typical inspection stages may include:

- Installation of tree protection fencing
- Any works occurring near RPAs
- Removal of tree protection fencing at completion

The purpose of these visits is to ensure compliance with this Method Statement and with BS 5837:2012.

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## 11. Monitoring and Compliance

The Site Manager will be responsible for day-to-day monitoring of tree protection measures.

Protective fencing will be inspected regularly to ensure it remains secure and effective.

No unauthorised access, storage, excavation or changes in ground level will be permitted within any protected tree area.

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## 12. Completion of Works

Following completion of construction and landscaping works, tree protection fencing will be carefully removed.

A final inspection may be undertaken to confirm that retained trees have not been adversely affected by the development.

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## 13. Planning Condition Compliance

This Arboricultural Method Statement and Tree Protection Plan has been prepared to support planning approval and to ensure compliance with typical planning conditions relating to tree protection during construction.

The recommendations contained within this document aim to ensure that retained trees are safeguarded throughout the development process in accordance with:

- BS 5837:2012 – Trees in Relation to Design, Demolition and Construction
- Good arboricultural practice

All contractors working on the site must be made aware of the requirements contained within this document prior to the commencement of works.

Failure to comply with the protection measures outlined may result in damage to retained trees and potential enforcement action by the Local Planning Authority.

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