



## **ARBORICULTURAL METHOD STATEMENT**

**Relating to trees at**

**24 Broad Lane, Hampton TW12 3AZ.**

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Presented by

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## **Arboricultural Background to Method Statement**

**Client:** Mr Satbir Gill

**Site:** 24 Broad Lane, Hampton TW12 3AZ.

**Arboricultural Consultant:** Peter Harding *Tech. Cert. Arbor A, Dip For.*

**Date:** 28/06/24 (amended 09/24)

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Planning Permission (Ref. 24/0421/HOT) has been granted for a two storey extension on the eastern side of the property. Condition U0179379 requires the submission of an Arboricultural Method Statement and Tree Protection Plan.

In order to prepare this Method Statement, a tree survey of the site was undertaken. This was undertaken, and the method statement prepared, in accordance with British Standard 5837 (2012) Trees in Relation to Design, Demolition & Construction.

As no trees in the front garden will be affected by the proposed development, with one exception, they were not surveyed. No off-site trees were surveyed. The survey is attached as [Appendix 1](#). The Tree Protection Plan is attached as [Appendix 2](#). Details of my experience and qualifications are attached as [Appendix 3](#).

The site was visited on Friday 7<sup>th</sup> June 2024 at approximately 10.15. The weather was bright and sunny. I met Mr Gill on site and then carried out the survey unaccompanied. I left the site at approximately 10.55.

The soils on site are described by Cranfield University Soils and Agrifood Institute 'Soilscapes' map as 'loamy soils with naturally high groundwater'.

**Following an agreement with the Local Authority, the client excavated a trench along the northern boundary of the proposed extension to establish the presence (or otherwise) of tree roots. The amendments in red refer to the findings.**

## **Arboricultural Method Statement for Tree Protection for the Duration of Demolition and Construction Works**

This Method Statement concerned only with arboricultural aspects of the development process. Some procedures may require more detailed input from other professionals.

Arboricultural Method Statement (AMS) includes a Tree Protection Plan (TPP) to identify:

- Trees to be retained.
- Trees to be removed.
- Trees to be pruned.
- Protective fence positions

### **1.0 Tree Works**

1.1 Only shrubs and dead trees require removal. These will be removed prior to any other work on site.

### **2.0 Root Protection Areas**

2.1 Root Protection Areas (RPAs) required by British Standard 5837 (2012) Trees in Relation to Design, Demolition & Construction. They are calculated from the stem diameters of trees when measured at a height of 1.5m from ground level. The RPAs must be protected at all times. No works will be undertaken within any RPAs that causes compaction to the soil or severance of tree roots.

2.2 Work will take place within the plotted RPA of T4. To ensure any possible roots are not damaged, ground protection will be used and, when installing foundations, excavations along the northern edge will be undertaken by hand digging. Any roots with a diameter of 25mm or less will be cut using sharp secateurs or loppers. If any larger roots are found, it will be necessary to consult with the Project Arboriculturalist before any action is taken.

**Agreed excavations were undertaken and I am informed that no significant tree roots were found. The photographs below support this. From this evidence, I conclude that it will be acceptable to proceed with the installation of the foundations provided the prescribed ground protection is in place.**

Arboricultural Supervision at all points of work to dig the new foundations/break ground within the RPA of T4 with a report to confirm findings

The Arboricultural officer from the council will be invited to attend site on the day of excavation as well as for the prestart meeting.



1/ The Trench Viewed from the Southwest.

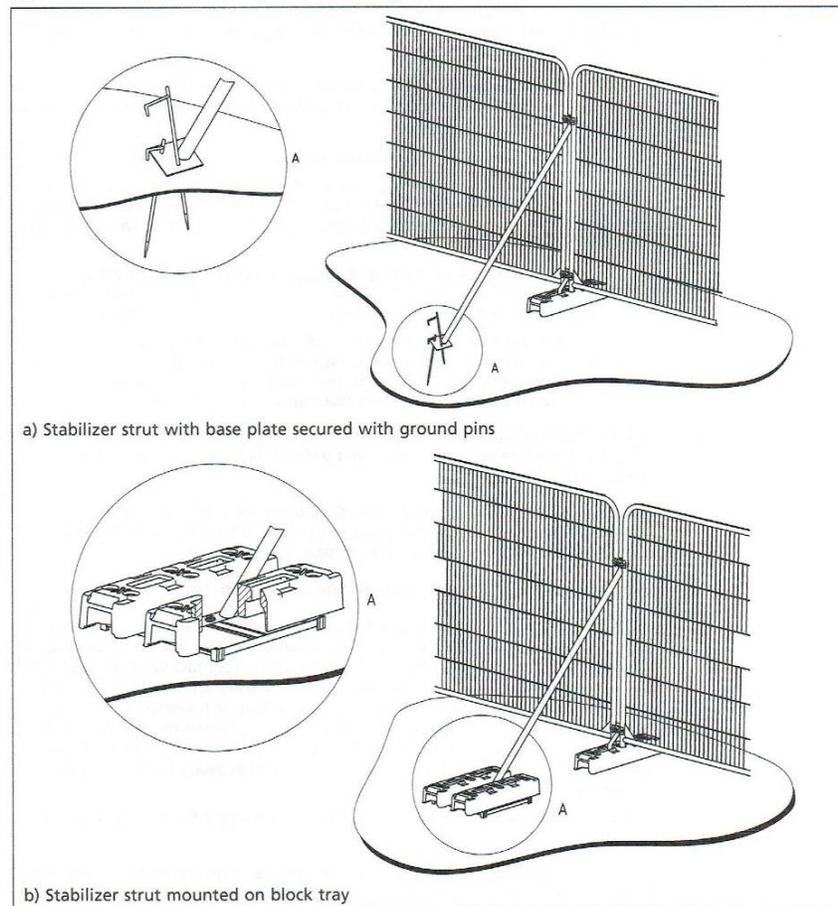


2/ The Trench Viewed from the North.

### 3.0 Protective Fences

- 3.1 Protective fences will be erected prior to the commencement of any site works e.g., before any materials or machinery are brought on site, development or the stripping of soil commences. The fence will have signs attached to it stating '**CONSTRUCTION EXCLUSION ZONE – NO ACCESS**'. The protective fences may only be removed following completion of all construction works.
- 3.2 The fence is required to be sited in accordance with the Tree Protection Plan enclosed with this method statement. They must ideally be constructed as per figure 3 in BS 5837 2012 and be fit for the purpose of excluding any construction activity (See below). Any other fence/barrier used must be fit for the purpose.

Figure 3 Examples of above-ground stabilizing systems



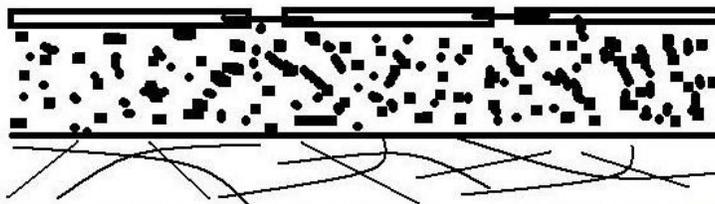
Panels to be joined together with a minimum of two anti-tamper couplers which can only be removed from the inside. Panels should be supported on the inside by stabilizer struts secured to a base plate with ground pins. Where this is not possible, they can be mounted on a block tray.

This type of fencing is considered adequate for this low-key development.

#### **4.0 Installation of Temporary Ground Protection**

- 4.1 Where temporary access is required to an RPA, ground protection will be installed before any work is carried out. This will be in accordance with BS5837 2012 6.2.3.3.
- 4.2 Temporary access into the RPA is necessary. Ground protection as specified below will be installed as detailed in the Tree Protection Plan.

### **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 ideally be of the proprietary interlinked variety. If these are not available, sheets of 18mm plywood secured together would be acceptable*

#### **5.0 Demolition**

- 5.1 No demolition will be required.

#### **6.0 Excavations Within the RPA**

- 6.1 See paragraph 2.2 above.

#### **7.0 Installation of New hard Surfacing**

- 7.1 See paragraph 2.2 above.

#### **8.0 Specialist Foundations**

- 8.1 See paragraph 2.2 above.

#### **9.0 Retaining Structures to Facilitate Changes in Ground Level**

- 9.1 No changes of ground level will take place within the RPA.

## **10.0 Preparatory Works for New Landscaping**

10.1 No new landscaping is proposed at this stage.

## **11.0 Site Access**

To avoid disturbance to the front garden, and disruption on the main road, access will be via Kingswood Avenue. A section of the existing wall will be removed for access and re-instated with a pedestrian gate post construction.

## **12.0 Site Hut & Toilets**

11.1 Site Hut & Toilets will be sited on the ground protection to the north of the main dwelling.

## **12.0 Contractor Car parking**

12.1 Off site

## **13.0 Storage**

13.1 Storage will be on the ground protection to the north of the main dwelling.

## **14.0 Remedial Tree Works**

14.1 Any remedial tree works required during or after construction must be approved by the London Borough of Richmond upon Thames Tree Officer or the Project Arboriculturalist and then carried out in accordance with British Standard 3998:2010 Tree Work - Recommendations.

## **15.0 Use of Herbicides**

15.1 No herbicide use is planned.

## **16.0 Contingency Plan**

16.1 Water is readily available on site and will be used to flush spilt materials through the soil and avoid contamination to tree roots. At the time of any spillage the main contractor will contact an arboriculturist for advice.

## **17.0 Auditing and Monitoring**

The site will be inspected by a suitably qualified arboriculturalist at the following stages in the development process:

- Immediately after the erection of protective fences and ground protection.
- Once during the construction phase.
- On completion of works.

Observations will be recorded on a site monitoring form. Any issues arising will be reported to the site manager. Further visits may then be necessary to ensure these have been resolved.

## **18.0. Additional Precautions**

18.1 No storage of materials, lighting of fires will take place within any RPA. No mixing or storage of materials will take place up a slope where they may leak into an RPA.

18.4 No notice boards, cables or other services will be attached to any tree.

18.5 Materials which may contaminate the soil will not be discharged within 10m of any tree stem. When undertaking the mixing of materials, it is essential that, any slope of the ground does not allow contaminants to run towards a tree root area.

## **19.0 Responsibilities**

19.1 It will be the responsibility of the main contractor to ensure that any planning conditions attached to planning consent are adhered to at all times and that a monitoring regime in regard to tree protection is adopted on site.

19.2 The main contractor will be responsible for contacting the London Borough of Richmond upon Thames at any time issues are raised related to the trees on site.

19.3 The main contractor will be responsible for ensuring sub-contractors do not carry out any process or operation that is likely to adversely impact upon any tree on site.

19.4 The main contractor will ensure the build sequence is appropriate to ensure that no damage occurs to the trees during the construction processes. Protective fences will remain in position until completion of ALL construction works on the site.

19.5 The fencing and signs must be maintained in position at all times and checked on a regular basis by a person designated that responsibility.

<b>Build Sequence</b>	
1	Site meeting to outline tree protection measures.
2	Carry out felling and remedial tree works.
3	Demolish existing property
4	Erect protective fences install ground protection.
5	Proceed with installation of foundations and other building works.
6	Remove protective fences & ground protection once all construction work is complete.
7	Install section of path within the RPA of T10 using cellular confinement system.
8	Carry out any landscaping works.

<b>CONTACT DETAILS</b>		
<b>Position</b>	<b>Name</b>	<b>Contact Details</b>
Site Owner	Mr Satbir Gill	<a href="mailto:satbirgill@aol.com">satbirgill@aol.com</a>
Project Arboriculturalist	Mr Peter Harding Pyramid Consulting	<a href="mailto:pyramidltd@btinternet.com">pyramidltd@btinternet.com</a> 01753 646831 07979357330
Project Architect	Mr Ranbir Bhogal	<a href="mailto:arprojects@gmail.com">arprojects@gmail.com</a> 07534 974388
London Borough of Richmond upon Thames Tree Officer		020 8891 1411

Appendix 1 TREE SURVEY:BS5837														
Location:		24 Broad Lane, Hampton.								Date:		June 2024		
Tree No.	Tree Species	Height (m)	Diameter at 1.5m (mm)	Branch Spread				First Significant Branch	Height of Canopy (m)	Life Stage	Remaining Useful Life (Yrs)	Observations & Preliminary Recommendations	Category Grading	Root Protection Area - Radius (m)
				N	S	E	W							
T1	Norway Maple ( <i>Acer platanoides</i> )	8	330	4.5	4.5	4.5	4.5	2	2	EM	40+	Tree historically topped at 3m. No work necessary at present.	C1	3.90
T2	Lawson Cypress ( <i>Chamaecyparis lawsoniana</i> )	7	200	1.5	1.5	1.5	1.5	2	2	EM	40+	No significant features. No work necessary at present.	C1	2.40
G3	Mixed Species	7	150	1.5	1.5	1.5	1.5	2	2	EM	40+	Line of three trees (2x yew, 1 dead Cypress ). Remove dead tree.	C2	1.80
T4	Wellingtonia ( <i>Sequoiadendron giganteum</i> )	24	1070	4	4	4	4	10	10	M	40+	Feature tree with first main fork at 15m. No work necessary at present.	A1	12.90
T5	Sycamore ( <i>Acer pseudoplatanoides</i> )	12	380	3.5	3.5	3.5	3.5	3	3	M	20+	Historically topped at 3m, moderate crown dieback. No work necessary at present.	C1	4.50

## **Appendix 2 – Site Plan**

### **Tree Protection Plan Showing Tree Protection Measures**

**PLANS TO BE PRINTED AT A3 IN COLOUR FROM PLANS SUPPLIED WITH THIS REPORT**

## Appendix 3 – Qualifications

### Qualifications and experience of Arboricultural Consultant

I have been practising forestry since 1974 and the related discipline of arboriculture since 1997. I have worked on a number of private estates and carried out work for large companies and private individuals. I have been involved in practical tree work, project management, tree inspections & reports, Tree Preservation Orders and woodland management. I have prepared reports relating to development sites, health and safety and mortgage issues and acted as an Expert Witness.

My clients include:-

Gascoyne Cecil Estates	Carington Estates
Gaddesden Estate	Strutt & Parker
The Portman Estate	Gorhambury Estate
Buckingham Town Council	Canopy Land Use
Babcock International	Lafarge Aggregates
Crown Estate Management	Munden Estate
Hedgerley Parish Council	Penn House Estate
Gerrards Cross Town Council	The Dorneywood Trust
Tring School for the Performing Arts	
London Borough of Richmond upon Thames	
Sunninghill and Ascot Parish Council	

Until my recent partial retirement, I was a Professional Member of The Arboricultural Association and The Consulting Arborist Society, and a Practitioner Member of The Institute of Environmental Management. I hold memberships of The Royal Forestry Society and the Small Woods Association. I have attended a LANTRA 'Arboriculture and Bats' course and a series of Forestry Commission 'Masterclasses' relating to the UK Forestry Standard.

My qualifications include:-

- Technicians Certificate (Arboricultural Association)
- Diploma in Forest Management
- IEMA Associate Certificate in Environmental Management
- FdSc Arboriculture Pests Diseases & Weeds Module (merit)
- ISA Certified Arborist
- City & Guilds Forestry Stages 1 & 2
- Lantra Professional Tree Inspection Award
- RHS Certificate in Horticulture

I am licensed to carry out AMUIG Mortgage Reports and a licensed user of the Quantified Tree Risk Assessment and CAVAT methods.