

**B.S. 5837 Arboricultural
Method Statement
at
10 The Broadwalk
Northwood
HA6 2XD**

**Client: Chirangi Ruparelia
10 The Broadwalk
Northwood
HA6 2XD**

Important note for demolition and construction contractors

This document includes requirements for arboricultural supervision by a suitably qualified arboricultural consultant in certain areas and techniques that may involve a specialised input. Adherence to these requirements is necessary for this document to comply with the Town and Country Planning Act 1990

Prepared by

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Date

29/03/2022



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1.0 Brief:

- 1.1 I am instructed by Chirangi Ruparelia to prepare an Arboricultural Method Statement (AMS) in respect of a proposed development at 10 The Broadwalk Northwood including the construction of a rear extension, an increase to first floor head height, a loft conversion and internal alterations.
- 1.2 The method statement is based on the best available information at this stage of the planning process and may need to be updated in the context of a specific planning condition when the detail is known.
- 1.3 The purpose of the method statement is to explain how and when the protection measures should be installed, and how they are to be maintained for the duration of the development activity.

2.0 Arboricultural Supervision

- 2.1 An arboricultural consultant will be appointed by the developer prior to the commencement of any works on the site.
- 2.2 Prior to the commencement of works a set up meeting between the main contractor, any (relevant) sub-contractors, a representative from the LPA and the arboricultural consultant will take place. In the event the representative from the LPA is unable to attend, the arboricultural consultant will make a note of discussions and will advise the LPA in writing.
- 2.3 The meeting will establish a line of communication between the working parties and to understand the parameters of the site, underlining the importance of maintaining and respecting tree protection barriers.
- 2.4 At the meeting the Arboricultural Method Statement (AMS) is to be signed off by the person responsible for the day to day running of the site (normally the site foreman).
- 2.5 By signing off the AMS, the responsible person agrees that he/she has read and understood the method statement and agrees to adhere to it.
- 2.6 In the event of the responsible person being replaced at any time during the development it will be their responsibility to ensure the new person responsible for the site is made aware of the method statement and the need to adhere to the method statement.
- 2.7 A copy of this report will be permanently available on site for the duration of the development activity. It can also be copied for the purposes of tendering, planning the timing of operations and used as a reference as a general guide on how to protect important trees.
- 2.8 A full scale (1:200) copy of the tree protection plan (appendix 1) is to be available at all times on site including a scale bar.

2.9 No tree work is to take place without obtaining, in writing, the express consent of the Local Authority.

2.10 Once the site becomes active the Local Authority will be able to visit and monitor the site and to take enforcement against any breeches of the planning permission including the failure to adhere to this method statement.

2.11 If required, the arboricultural consultant will be able to visit to record specific stages of the development (e.g. any specialised or sensitive stages of the construction process) and to be on hand to advise as necessary.

2.12 All site visits are to be recorded on paper and with accompanying photographs. The purpose of recording the visits is to

- (a) Provide the developer with proof of compliance in the event of any dispute
- (b) Allow the LPA to discharge the relevant planning conditions

Table :1 Schedule of works and supervision

Sequence	Activity	Supervision
1	Pre commencement meeting	LPA tree officer, site manager, project arboriculturist
2	Installation of fencing in accordance with TPP	Site manager and project arboriculturist
3	Excavation of foundations	Site manager
4	Main development phase	Site manager
5	Removal of tree protection following completion	Site manager
6	Landscaping and assessment of post development tree condition	Project arboriculturist

3.0 The development

3.1 Overview

3.1.1 The expected programme of site development where arboricultural input is required is as follows:

1. Pre commencement meeting
2. Tree works

3. Installation of protective fencing
4. Excavation of foundations
5. Erection of main build
6. Removal of tree protection measures

3.2 **Tree removal**

3.2.1 The following trees are to be removed in order to facilitate the development

Tree no.	Species	Category
G1	Western red cedar (3 stems from the group)	C

3.3 **Erection of fencing**

3.3.1 The tree protection plan (appendix 1) shows the line and position of the root protection fencing to be erected prior to any other works taking place on site.

3.3.2 The root protection fencing installation shall be approached from within the central working zone to avoid damage within the root protection area itself, in accordance with the recommendations of BS 5837/2012, illustrated by Fig. 1.

3.3.3 The fencing for the root protection zones shall be constructed of scaffold tube uprights (set at 3m intervals with diagonal braces driven securely into the ground). Thereafter 'Heras' type fencing shall be attached to the scaffold framework using either steel strapping or scaffold clamps. The fencing shall comply with the requirements of the British Standard B.S. 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'.

3.3.4 The fenced off areas are to be regarded as a Construction Exclusion Zone (CEZ). This area is to be considered sacrosanct and strictly off limits to any construction activity including any movement of machinery, storage of materials or parking of contractors' vehicles.

3.3.5 The fencing protecting the RPA is not to be moved under any circumstances unless this has been specifically detailed in the AMS or agreed on site with the arboricultural consultant present.

3.3.6 Ignoring the fencing barriers may constitute a breach of the planning permission and may also be regarded as in contravention of any formal tree protection that applies (Tree Preservation Orders/ Conservation Areas).

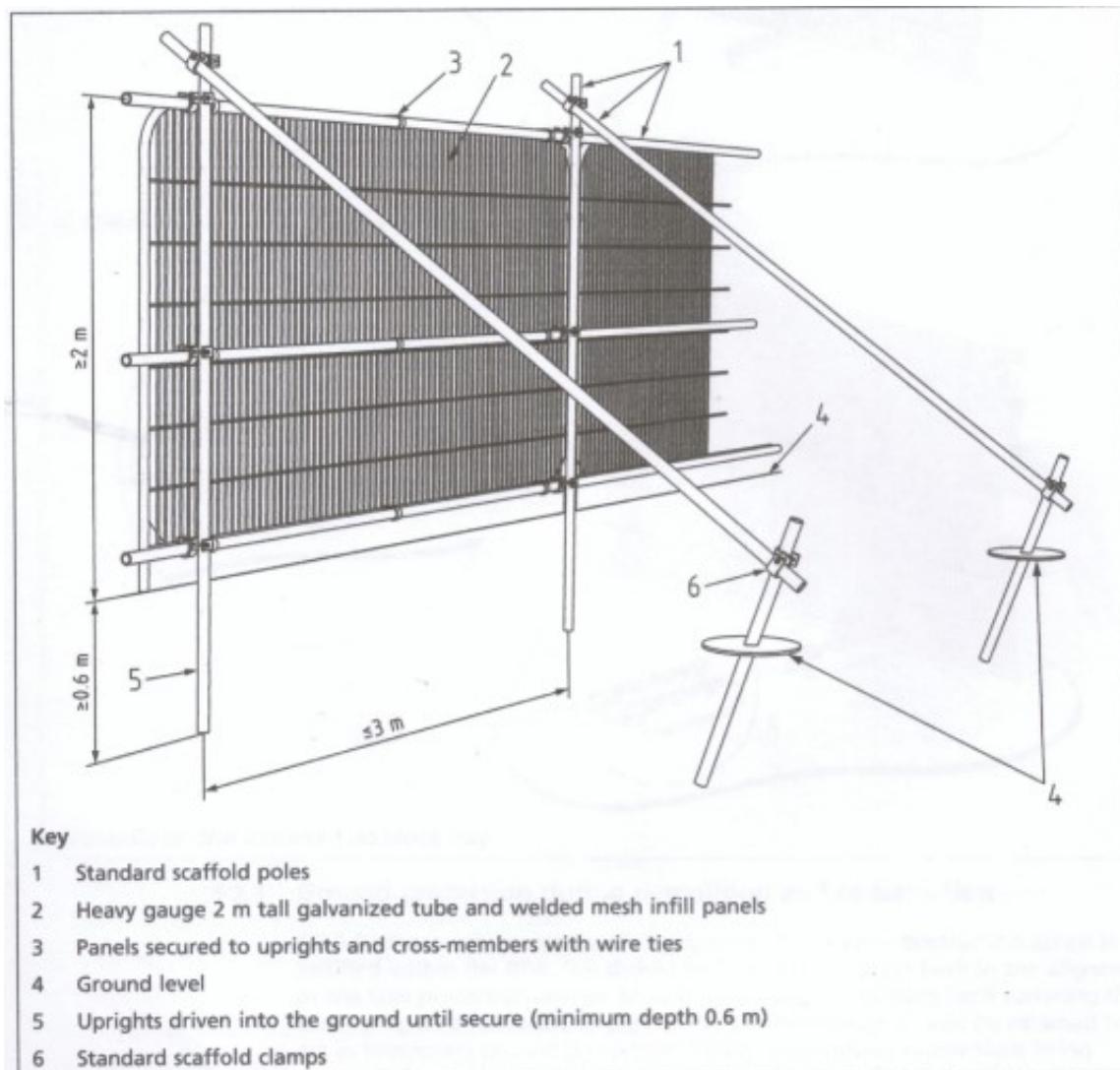


Fig. 1 Protective fencing in accordance with B.S. 5837



Fig 2. Signage attached to fencing reinforces the protection afforded by these barriers

- 3.3.7 There is to be no burning of any materials or substances within 10m of the root protection barriers.
- 3.3.8 There is to be no storage of cement bags, chemicals or any other toxic or potentially toxic substances within the CEZ.
- 3.3.9 Once the fencing has been properly installed, the retained arboricultural consultant will visit the site to confirm the correct installation of the fencing.

3.4 Foundations

- 3.4.1 The foundations will be excavated using standard methods (i.e. a digger with a bucket to produce a strip foundation). The digger shall access the rear of the site by way of Lowswood Close, removing a fence panel as needed to enter the rear of the property. The digger shall deposit earth into a dumper truck which will take the excavated soil to the front of the site for disposal by lorry.
- 3.4.2 The spoil from the foundations will be loaded onto a tipper lorry and taken away. No excess soil is to be deposited within the site parameters.

3.5 Mortar mixing

- 3.5.1 Concrete (when not delivered direct by concrete lorry) and mortar will be mixed to the front of the site in a dedicated area within the confines of the driveway. Cement mixes shall be transported to the rear by wheelbarrow.
- 3.5.2 All mortar mixing and handling of any other hazardous materials shall take place outside the rpa's of trees. Water run-off from the cleaning of concrete mixers is to be directed away from rpa's and should take place as far from trees as possible.
- 3.5.3 A confinement area controlling the run-off shall be installed, incorporating an impermeable layer of strong plastic sheeting help within a raised bed. Washing of cement mixers shall take place only within the confined area.

3.6 Storage of materials

- 3.6.1 Materials are to be delivered to the front of the site where they will be unloaded using a fork-lift truck. Materials shall thereafter be carried by hand or by wheelbarrow to the rear of the site, where needed.
- 3.6.2 Materials are to be delivered on an as needed basis to minimise site congestion

3.7 Drains and services

- 3.7.1 The proposed drain and service runs have not been detailed at this stage although it is expected that for the most part services and drains will link to existing runs already serving the existing house. Connections to these services are possible well within the site boundaries away from the root protection areas of trees.

4.0 Post construction

4.1 Final removal of tree protection measures

- 4.1.1 Following the conclusion of all construction operations, scaffolding and protective fencing will be removed to allow for landscaping operations to take place.
- 4.1.2 Great care is needed at this stage from ground work contractors to continue to observe tree protection requirements. No machines are to be used within rpa's which specifically includes rotovators.

Signatures:

I confirm that I have attended a pre-application site meeting with the contractors and have gone through the requirements of the Arboricultural Method Statement and that a copy is available in the site office.

Arboricultural Consultant

I confirm that I have attended a pre-application site meeting with the arboricultural consultant and that I am responsible for the correct procedures being followed in accordance with the Arboricultural Method Statement and that a copy is available in the site office.

Site Manager/Foreman

Contact details:

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Architects – Landmark Group 01895 655 286

London Borough of Hillingdon Council – Planning Department 01895 250 230

Appendix 1

Tree Protection Plan

