



Merewood
Arboricultural Consultancy Services

**B.S. 5837 Arboricultural
Method Statement
at
11 Court Road
Ickenham
UB10 8TF
Rev A**

**Client: Smith Coldham Design
55 Lime Grove
Ruislip
HA4 8RL**

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
08/11/2021



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1.0 Brief:

- 1.1 I am instructed by Smith Coldham Design on behalf of Richard Campion to prepare an Arboricultural Method Statement (AMS) in respect of a proposed re-development of the site at 11 Court Road Ickenham.
- 1.2 I am to advise on the likely impact of the development proposals to the trees on and adjacent to the site. I am to provide recommendations for tree retention and protection, including details of appropriate measures that are to be undertaken in order to minimize the impact of development.
- 1.3 The method statement is required to support a planning application to develop the site, including the erection of a garden office cabin at the rear of the site.
- 1.4 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.
- 1.5 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 shall 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 must 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 copy of the tree protection plan is to be available at all times on site including a scale bar.
- 2.9 If any tree work, agreed as part of the planning permission is needed in order to implement the proposed scheme (i.e. felling or pruning works), this will be undertaken before other works commence on site.
- 2.10 No other tree work is to take place without obtaining, in writing, the express consent of the Local Authority.
- 2.11 Once the site becomes active the arboricultural consultant will visit on regular occasions to record specific stages of the development (e.g. demolition, laying of foundations, construction etc.).
- 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	Main development phase	Site manager
4	Removal of tree protection following completion	Site manager
5	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. Installation of protective fencing
3. Installation of ground protection measures
4. Laying of foundation pads
5. Erection of office structure
6. Removal of tree protection measures and ground protection

3.2 Tree removal and pruning

- 3.2.1 There is no tree work needed to be undertaken tree work is needed in order to implement the proposed scheme.

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, as 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. 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).
- 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.

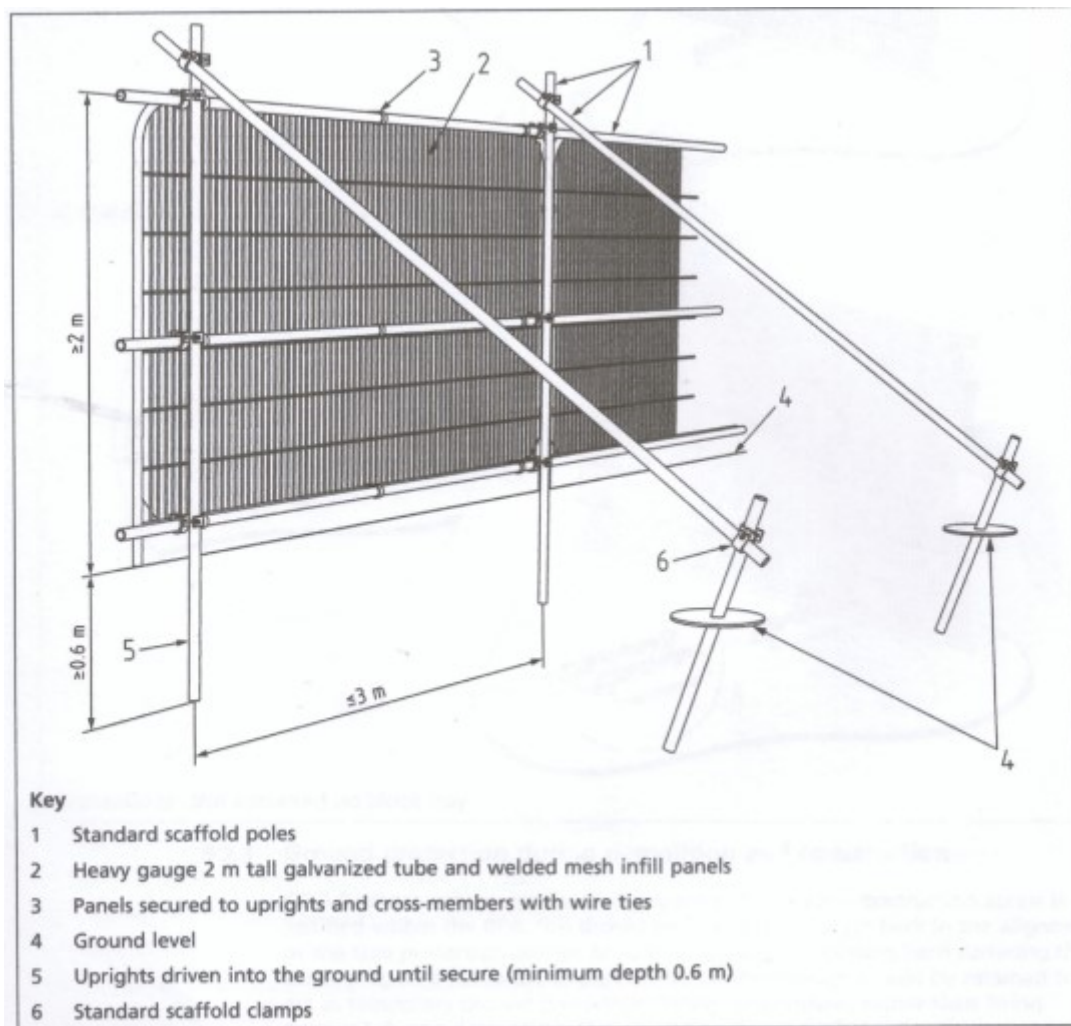


Fig. 1 Protective fencing in accordance with B.S. 5837



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

- 3.3.9 Once the fencing has been properly installed, the retained arboricultural consultant will visit the site to confirm the correct installation of the fencing.
- 3.3.10 The installation of the fencing will be photographed and recorded and a record of this will be passed on to the arboricultural officer at the Local Authority.

3.4 Ground protection

- 3.4.1 The ground protection measures shall be made up of a layer of woodchips, 150mm thick, laid on top of a geotextile membrane.
- 3.4.2 Plyboard (at least 20mm thickness) or scaffold planks shall be laid on top of the woodchips and held in place using vertical steel pins.
- 3.4.3 The layer of woodchips shall be checked regularly for signs of sinking or erosion and shall be replenished as necessary throughout the construction.
- 3.4.4 Materials are to be brought to the rear of the site by hand or using a wheel barrow. No machinery is to be brought into the rear garden.

3.5 Foundations

- 3.5.1 The foundations of the office cabin shall be made using the 'Easy Pad' system of pre-fabricated pads (see appendix 2).
- 3.5.2 The pads shall be placed at ground level, following the removal of the turf layer. The turf layer shall be removed using hand tools (spade, fork and edging iron) only.
- 3.5.3 The height of the pads shall be adjusted to create a consistent level across the area of the office cabin. Brackets shall be attached to the pads to enable the timber frame of the office cabin to be installed.

3.6 Erection of the office cabin

- 3.6.1 Once the timber frame is in place, the panels of the cabin can be attached. Panels shall be brought by hand to the site and attached, securing each panel to the timber frame.
- 3.6.2 There will be no mortar mixing required at any stage of the operation.

3.7 Storage of materials

- 3.7.1 Materials are to be delivered by way of the front driveway
- 3.7.2 Materials will be re-distributed to the rear of the site by hand or wheelbarrow.

3.8 Electrical connections

- 3.8.1 The electricity supply to the cabin shall be provided by way of a single electrical cable running the length of the garden to connect with the mains supply at the house.
- 3.8.2 The electric cable shall be encased on a suitable plastic duct which shall be shallow buried beneath the turf layer.
- 3.8.3 The turf layer shall be removed using hand tools only (spade, fork and edging iron). Once the cable has been installed, the turf layer shall be reinstated. Alternatively, if the cable is routed through shrub beds, the topsoil shall be replaced to cover over the duct.

4.0 Post construction

4.1 Final removal of tree protective fencing

- 4.1.1 Following the conclusion of all construction operations protective fencing and ground protection measures will be removed by hand.
- 4.1.2 Excess woodchips shall be recycled by spreading them evenly across the existing shrub beds.

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:**

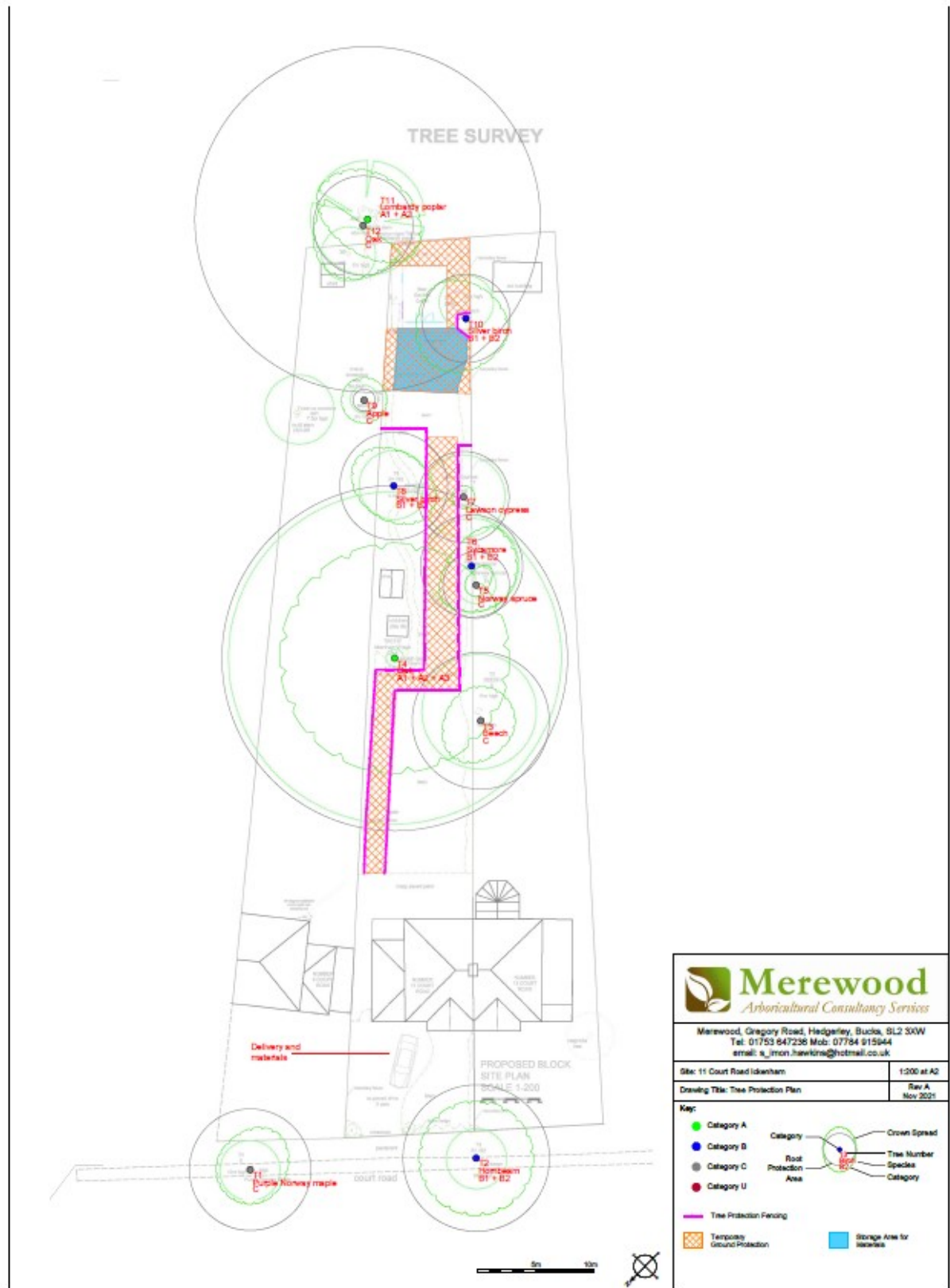
Simon Hawkins – Arboricultural Consultant 07784 915 944

Architects – Smith Coldham Design 020 8869 9681

London Borough of Hillingdon Council – Planning Department 01895 250 230

Appendix 1

Tree Protection Plan



Appendix 2

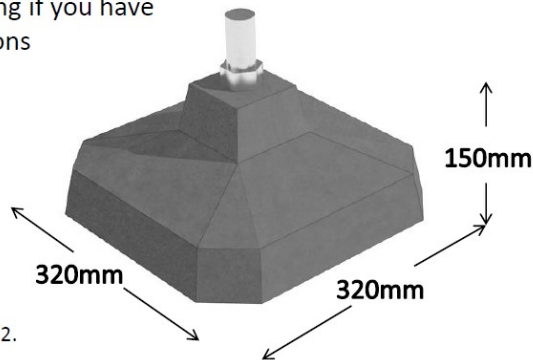
The Easy Pad foundation system



The EasyPad 1.5t system comes with a range of brackets suitable for 2 inch wide timbers. Reducing the timber sizes from say an 8 x 2 to a 4 x 2 in your floor frame allows you to achieve more internal height inside your building if you have planning height restrictions of 2.5m to the eaves.



EasyPad Data:
Max vertical load 1.5 tonnes
Self Weight 15 kgs
Max spacing 1.75m
Brackets accept 2inch wide timbers



Ideal for buildings under 30 m2.

- Log Cabins
- Garden Rooms
- Timber Buildings
- Timber Sheds