



Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

BS 5837:2012 TREE SURVEY FOR 9 PATSHULL ROAD



Prepared on instructions from:
Mr A R Daryanani
9 Patshull Road
London
NW5 2JX

Ref: SPH/BW/5837-01/29.06

29th June 2015



Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

Unit H Bridge Farm
Reading Road
Arborfield
Reading
Berkshire
RG2 9HT
Tel: 0118 976 2902

CONTENTS

- Summary**
- 1. Introduction**
- 2. Scope**
- 3. Site visit and the collection of data**
- 4. Constraints**
- 5. Tree protective measures**
- 6. Survey Key**
- 7. Queries**

APPENDICES

- 1. Tree survey schedule**
- 2. Tree locations**
- 3. Root protection areas**
- 4. BS 5837: Figure 2**
- 5. Tree protection fence sign**

©2015 Urban Tree Experts

All rights in this report are reserved. No part of it may be reproduced, edited or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in any retrieval system of any nature, without our written permission. Its content and format are for the exclusive use of Mr A R Daryanani in dealing with this site. It may not be sold, lent, hired out or divulged to any third party not directly involved in this site without the written consent of Urban Tree Experts. It may be reproduced as part of a planning application.

The statements made in this report do not take account of extremes in weather, accidental damage including fire, chemical and physical injury, or vandalism. Urban Tree Experts cannot therefore accept any liability in connection to these factors, or for work not carried out to current industry best practice. The validity of this report ceases at the prescribed time limit or after two years from the site inspection, or if the site conditions change due to unspecified works that affect the subject tree(s) whichever is the sooner.



Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

Summary

The tree, subject of this report, is located within the curtilage of 9 Patshull Road, London, NW5 2JX. The tree details are contained in a schedule included at Appendix 1.

One individual tree was assessed in accordance with the cascade chart for tree quality (Table 1: Section 4) of BS 5837:2012. The tree is in Category 'C' "Trees of low quality".

Mitigation may be required to demonstrate how the retained trees root protection area (RPA) will be protected during any development, including access to the proposed development area, storage and preparation of materials. The RPA is shown on the drawing included at Appendix 3.

1. Introduction

1.1 Instructions

1.1.2 We are instructed by Mr A R Daryannani to visit the above site and survey the tree implicated in a forthcoming planning application.

1.1.3 The tree was surveyed in accordance with 'British Standard (BS) 5837:2012' a guide for 'Trees In Relation To Design, Demolition and Construction - Recommendations' (Section 4).

1.2 Validation

1.2.1 In accordance with the *Department for Communities and Local Government (DCLG) Circular 03/2010* document *Guidance on Information Requirements and Validation*, this report fulfils the recommended national listed criteria for tree survey information. It does not include an arboricultural method statement for the proposed development.

- A tree survey, undertaken by a qualified arboriculturist, and tree schedule, included at Appendix 1.
- A drawing at 1:200 scale with a north point, indicating the trees location and colour coded, ref: SPH/BW/5837-01/29.06 included as Appendix 2.
- The root protection area drawing, ref: SPH/BW/RPA-01/29.06 included at Appendix 3.

1.2.2 The legal status of the tree was not investigated in detail however we received anecdotal information that the property is situated within a Conservation Area.

2. Scope of this report

2.1 The purpose of this report is to quantify the trees most likely to be impacted upon by the development proposal, and to highlight how potential damage to them may be avoided.

2.2 This tree survey provides the basic data on the trees implicated in a forthcoming planning application. It does not set out to put arguments for or against the development. It does set out how to decide upon the retention of the trees, means of protecting the retained trees during development and on means of incorporating the trees into the developed landscape, along with appropriate management and protective measures.



Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

- 2.3 The primary purpose of this report is for the client and council to review the information provided and use it for the purpose of considering a planning application or engaging in further discussions towards the same end. The information is provided on the basis that it will be available to people other than arboriculturists i.e. those without specialist knowledge of the subject.

3. Site visit and the collection of data

3.1 Site visit

- 3.1.1 The tree was surveyed by Simon Holmes MSc on Monday, 29th June 2015. The tree was inspected from ground level and without any form of detailed investigations; binoculars were used to aid the inspection process. The measurements we undertook on site were made with the aid of a rounded down diameter tape and TruPulse™ laser hypsometer. The tree was not tagged as it is easily identified on site. The weather at the time of the inspection was sunny with good visibility.

3.2 The tree

- 3.2.1 We surveyed one individual tree with stem diameters of 75 millimetres and above. The tree details have been entered into a tree schedule included at Appendix 1.
- 3.2.2 For ease of identification the tree is shown on the tree location drawing ref: SPH/BW/5837-01/29.06 and has been allocated a number. This number is cross-referenced within the BS 5837 survey schedule.
- 3.2.3 In making our assessment, consideration has been given to:
- The health, vigour and condition of the tree
 - Any structural defects and safe life expectancy
 - The size and form of the tree
 - The rare, unusual or component part of a formal feature
 - Groups or individual trees that provide definite screening or softening effect
 - Trees forming distinct landscape features

4. Constraints

4.1 Ecological constraints

- 4.1.1 The Wildlife and Countryside Act 1981, as amended by the Countryside and Rights of Way Act 2000 and Conservation of Habitats and Species Regulations 2010 (as amended) provides statutory protection to birds, bats, and other tree dwelling species. They could impose significant constraints on the use and timing of any tree matters considered in this report.

4.2 Root protection areas (RPAs)

- 4.2.1 Using BS 5837:2012 the RPAs have been calculated for the tree by reference to section 4.6.1 (a) and/or (b). The RPA is frequently described as a circle with a radius of prescribed distance within which no unspecified activity should occur and a high level of care is needed during any activities that are authorised within them, if they are to be successfully retained.



Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

- 4.2.2 Specified intrusions into the RPA can take place only where the ground is adequately protected in accordance with the requirements of section 6 (6.2.3.3) of the BS or as may be agreed with the Local Planning Authority (LPA). We have plotted the RPA as a dodecagon taking account of the site constraints on drawing SPH/BW/RPA-01/29.06.
- 4.2.3 The shape and position of the RPA may only be modified by an arboriculturist to meet the pre-existing site conditions or other factors that indicate that rooting has occurred asymmetrically. In all cases, we have considered adjacent constraints and see no reason to modify the RPA at this time.

5. Tree protective measures

- 5.1 In terms of tree protection barriers the accompanying drawing reference SPH/BW/RPA-01/29.06, shows the default RPA location and specific tree protection required prior to and during the construction activities.
- 5.2 The tree protection barrier is designed to provide construction exclusion zones around the RPA of the tree to be retained.
- 5.3 The tree protection fencing should be fit for the purpose of excluding construction activity and appropriate to the degree and proximity of work taking place around the retained tree. The default specification for protective barriers is that specified in BS 5837:2012 Figure 2, section 6. A copy of Figure 2 is reproduced at Appendix 4. All weather signs must be attached by cable ties to each Heras panel as set out in Appendix 5.
- 5.4 The recommended position of the tree protective fencing is shown by a red dashed line on the drawing SPH/BW/RPA-01/29.06.

6. Tree survey key:

No:	Tree number on survey drawing.
Species:	Common/English and or Latin name.
Height:	Height in metres above ground level.
Number of stems:	Single stem, or number of stems if more than one.
Canopy spread:	In metres taken at the four cardinal points (N.E.S.W.)
Diameter:	In millimetres measured in accordance with BS 5837 2012.
Height & direction of 1st branch:	In metres and by cardinal compass points. This can be found on the detailed tree assessment.



Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

6. Tree survey key cont'd

Age class:
Young
Semi-mature
Early-mature
Mature
Over-mature

Root protection area: In square metres and the nominal radius of a circle required to achieve this in metres.

Health - Physiological Condition (Phy Con):

Dead
Decline
Fair
Good
Poor

Structural Condition: Crown, Stem, Basal Area

Good
Fair
Poor
Ivy

Survey Comment:

i.e. Further investigation, aerial inspection, decay detection, wildlife study

Estimated Remaining Contribution (ERC) in years:

i.e. less than 10, 10 to 20, 20 to 40, 40+

CATEGORY GRADING:

Code U	Trees unsuitable for retention	RED
Code A	High quality category	GREEN
Code B	Moderate category	BLUE
Code C	Low category	GREY

7. Queries

Any queries regarding this tree survey should be addressed, in the first instance, to Urban Tree Experts:

Telephone: 01189 762902
Fax: 01189 761168
Mobile: 07786 162202
Email: info@tree-surveys.com

Urban Tree Experts
Unit H, Bridge Farm
Reading Road
Arborfield
Berkshire RG2 9HT

Simon Holmes MSc
Chartered Arboriculturist
Urban Tree Experts

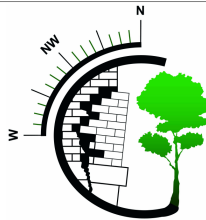


Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

APPENDIX 1

Mr A R Daryanani
 9 Patshull Road
 London
 NW5 2JX



Tree Surveys

Unit H Bridge Farm
 Reading Road
 Arborfield
 Berkshire
 RG2 9HT

Phone: 0118 976 2902
 Mobile: 0778 616 2202
 info@tree-surveys.com

BS5837:2012 Assessment

Tree ID : 1

Tag :

Assessor : Simon Holmes

Bats : No

Species : Sycamore
Acer pseudoplatanus

TPO :

Inspected : 29 June 2015

Cons Area : Yes

Next Insp : Not Required

1st Branch: 2 S

Stems			Health				RP		Clearance (m)				Spread (m)								
H (m)	No	Eq Ø (mm)	Maturity	Crown	Stem	Basal	Phy Con	Cat	ERC	A (m ²)	R (m)	Site Status	Priority	N	E	S	W	N	E	S	W
9.5	3	244	Semi-mature	Good	Fair	Poor	Good	C.2	20 to 40 yrs	26.9	2.92	Pre Construction		4	3	3	4	3	4	6	5

Survey Comment : Included unions at ground level. Within 100mm of brick wall

Tree Comment :

BS5837:2012 Assessment

Report selection criteria.

Projects.

9 Patshull Road

Date Range.

Any Date

Work types.

----> -No Selection made-

Latest Survey.

All surveys for the selected trees.
---> Last survey for each selected tree.

Work Completed.

---> Work Completed
---> Work Not Completed

Number of trees in selected Project(s) 1

Number of trees in Report selection 1



Urban Tree Experts

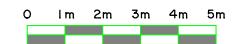
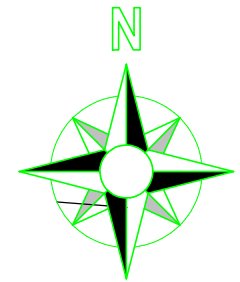
BS5837 – Tree Surveys – Ecological Consulting

APPENDIX 2



NOTES

All dimensions must be checked on site and not scaled from this drawing.
 The original of this drawing was produced in colour, a monochrome copy should not be relied upon.



© copyright

	<h2>Tree Surveys</h2>
	<p>Unit H, Bridge Farm Reading Road, Arborfield Berkshire RG2 9HT Tel: 0118 9762902 Fax: 0118 9761168 e-mail: info@tree-surveys.com</p>

Client MR A R DARYANANI

Job Title 9 PATSHULL ROAD

Drawing Title	TREE LOCATIONS
---------------	----------------

Scale 1:200 @ A3

Date 29.06.2015	Drawn by AS
-----------------	-------------

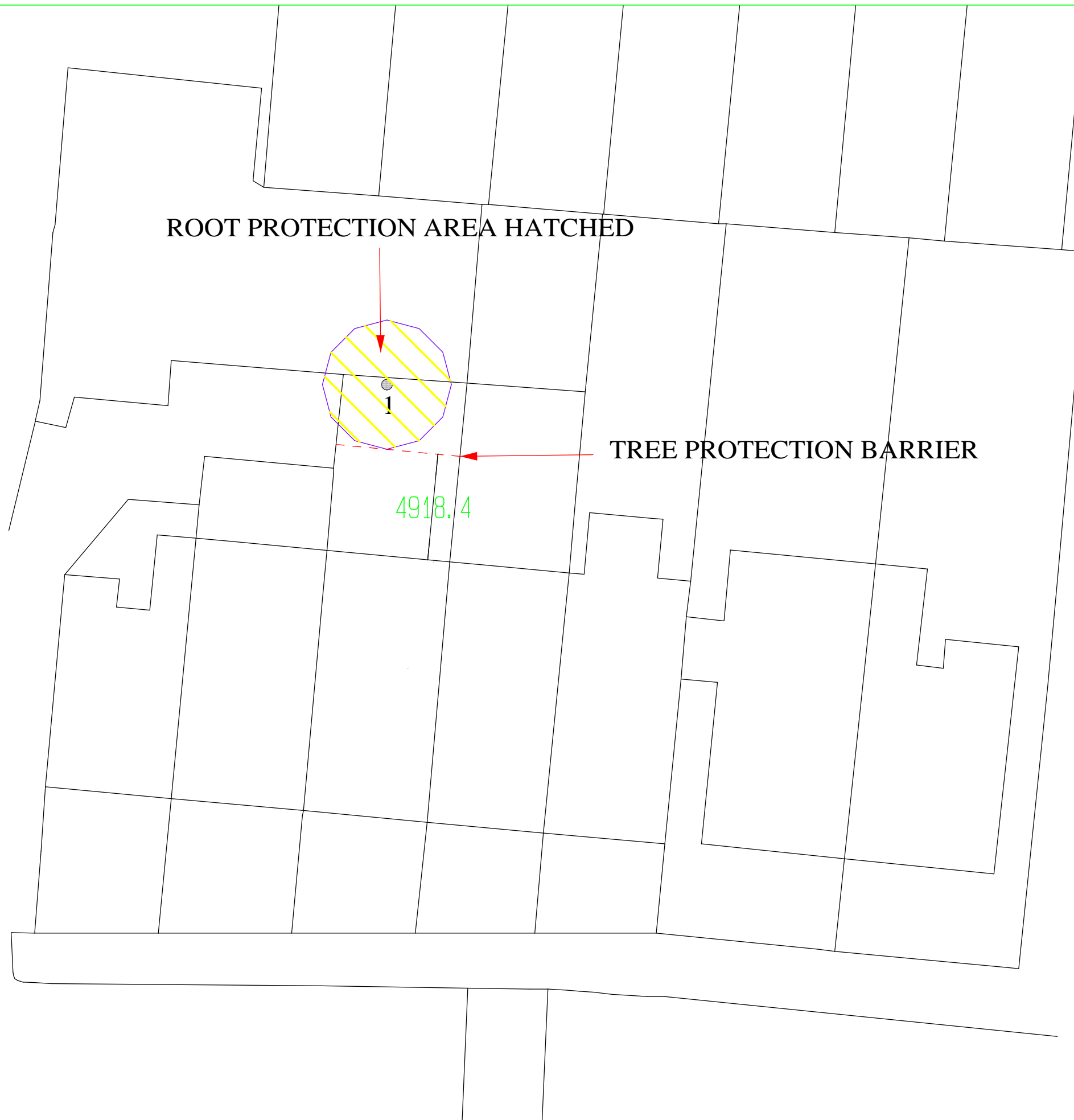
Drg. No. SPH/BW/5837-01/29.06	Rev.
-------------------------------	------



Urban Tree Experts

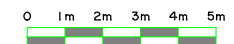
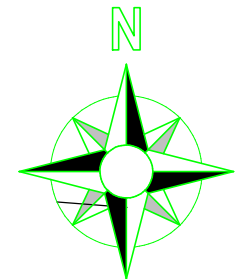
BS5837 – Tree Surveys – Ecological Consulting

APPENDIX 3



NOTES

All dimensions must be checked on site and not scaled from this drawing.
The original of this drawing was produced in colour, a monochrome copy should not be relied upon.



© copyright

	<h2>Tree Surveys</h2>
	<p>Unit H, Bridge Farm Reading Road, Arborfield Berkshire RG2 9HT Tel: 0118 9762902 Fax: 0118 9761168 e-mail: info@tree-surveys.com</p>

Client MR A R DARYANANI

Job Title 9 PATSHULL ROAD

Drawing Title	ROOT PROTECTION AREA
---------------	----------------------

Scale 1:200 @ A3

Date 29.06.2015	Drawn by AS
-----------------	-------------

Drg. No. SPH/BW/RPA-01/29.06	Rev.
------------------------------	------



Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

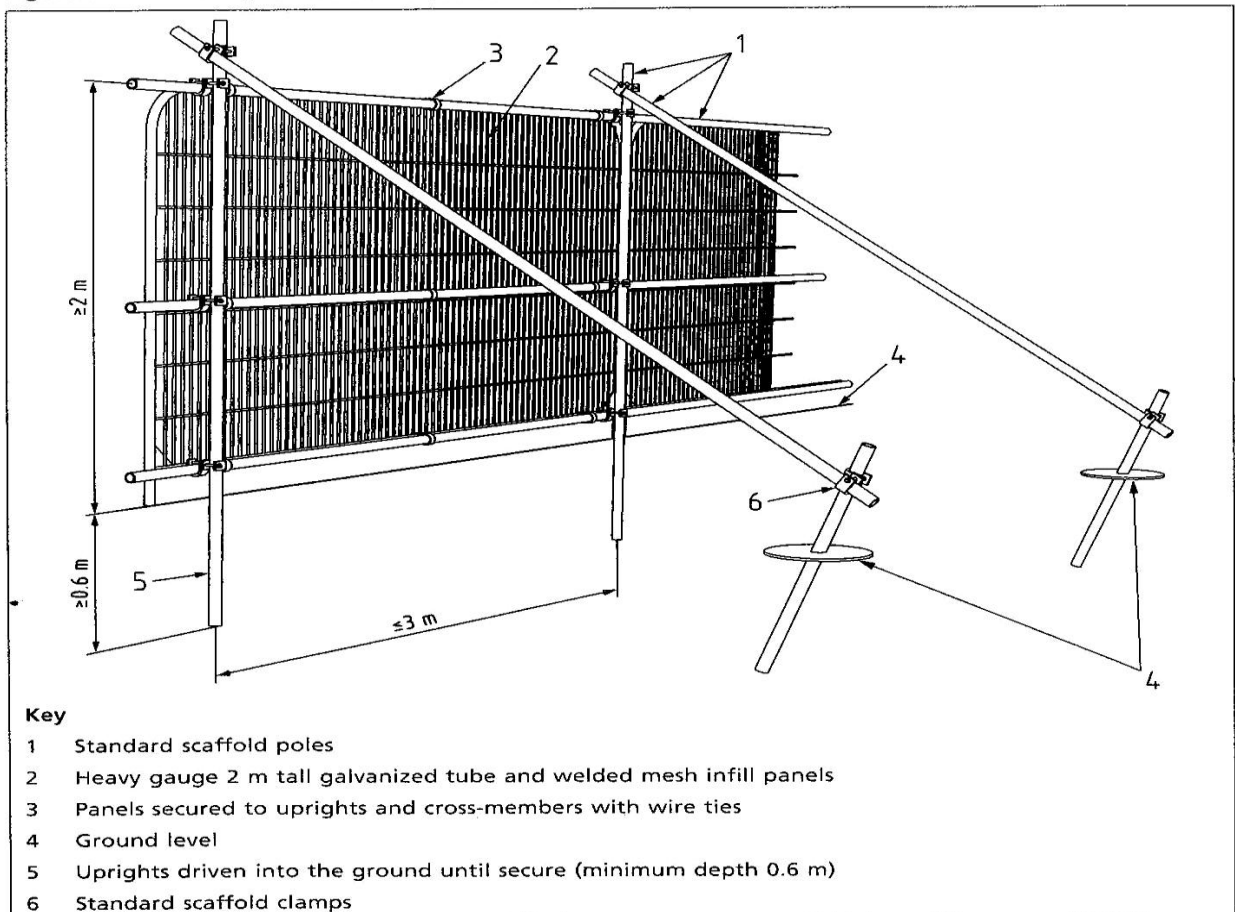
APPENDIX 4

BS 5837 FIGURE 2 TREE PROTECTION

Root Protection Areas (RPAs), enclosed by Default Temporary Protective Fencing, as detailed below and to be agreed with the Local Planning Authority (LPA), shall:

1. Be protected throughout the development process, as specified and detailed in BS 5837:2012 Section 6.2, Fig 2
2. Be erected prior to any construction, demolition or excavation works and remain in place for the duration of the project.
3. Preclude any delivery of site accommodation and or materials and or plant machinery.
4. Preclude all construction related activity, with the sole exception of specified arboricultural works and any other works carried out under supervision that has been agreed by all parties, and:
5. Preclude the storage of all development related material's and substances including fuel, oils, additives, cement and or any other deleterious substances.
6. Any incursions into RPA's must be by prior arrangement, following consultation with the LPA.

Figure 2 Default specification for protective barrier





Urban Tree Experts

BS5837 – Tree Surveys – Ecological Consulting

APPENDIX 5

TREE PROTECTION ZONE

KEEP OUT!

NO DIGGING OR TRENCHING

NO STORAGE OF PLANT OR MATERIALS

NO VEHICLE ACCESS

NO FIRE LIGHTING

NO CHEMICAL HANDLING

AVOID PLANT CONTACT WITH TREE CANOPY

REPORT ANY DAMAGE

TO TREES OR FENCING IMMEDIATELY