



Marcus Foster Arboricultural Design & Consultancy

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Arboricultural Survey **Impact Assessment & Method Statement** **Report (BS5837:2012)**

Site

43 Oak Village
London
NW5 4QL

Client

Emil Eve Architects

Date of Report:

January 2024

Report Reference:

AIA/MF/005/24

Report Prepared by:

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1.0 Instructions

1.1 This report has been commissioned by Emil Eve Architects to survey, assess and provide an Arboricultural Impact Assessment and Method Statement for the trees sited within close proximity of proposed development works at 43 Oak Village, London, NW5 4QL.

2.0 Introduction

2.1 A site visit was conducted on 16th January 2024 to survey and assess the trees. The weather at the time of inspection was mild and bright with trees in early autumn mode.

2.2 The tree survey, report and recommendations have been compiled for the 3 no. trees (T1-T3) surveyed within the site and neighbouring sites where relevant.

2.3 The details of the subject trees are set out in the tree survey table in *Appendix A*. The trees were surveyed on the date and time shown above and the tree survey assessment information for the tree describing size, condition and surroundings are found within this appendix.

2.4 The trees located within the site are shown in tree survey drawings T001-T003, *Appendix B*, and these correspond to the tree survey results table, *Appendix A*. Photographs of the trees can also be found in *Appendix C*.

2.5 This report and the opinions within it have been produced by Marcus Foster, a qualified arboriculturist and Professional Member of the Arboricultural Association with over 20 years experience and holding a National Diploma in Arboriculture, the Arboricultural Association's Technicians Certificate, Professional Tree Inspection Certificate (LANTRA) as well as a degree in History and Society. Work experience within the industry includes work as a Contracts Manager for an Arboricultural Association Approved Company, a Local Authority Tree Preservation Officer and an independent Arboricultural Consultant. As a consultant many of projects undertaken are in the inner London Boroughs of Islington, Hackney, Westminster, Camden, Southwark and RBKC, making Marcus Foster familiar with the most recent requirements of development and constraints on urban trees.

3.0 Survey Details and Scope

3.1 The site survey included the 3 no. trees (T1-T3) as shown in the survey, *Appendix A*, and also highlighted on the site plans, *Appendix B*.

3.2 The trees and hedges were surveyed from ground level from within the subject site location and the highway. The diameter of the trunks have been measured using a DBH tape at 1.5m height. The height of the trees have been estimated.

3.3 The following information was recorded for each tree and is shown in the Tree Schedule included in *Appendix A*:

- Number: an identity number which cross-references locations shown on the plan in *Appendix A* with the schedule in *Appendix B*.
- Species: listed by common names
- Tree Height: height in metres (m)
- Tree Spread: spread in metres (m)
- Stem diameter: measured in millimetres (mm) and taken at 1.5m above ground level
- Age Class: Y (young); EM (early-mature); M (mature); OM (over-mature)
- Vitality: G (good); F (fair); P (poor); D (dead)
- Structural Condition: G (good); F (fair); P (poor); D (dead)
- General Condition Specific comments relating to each tree
- Estimated Remaining Contribution (years)
- BS5837 Category Grading
- Protection Distance m2 Area (where applicable – BS5827: 2012)
- Protection Distance Radius (where applicable – BS5827: 2012)

3.4 Information recorded in the tree survey, *Appendix A* is expanded in the report findings and preliminary recommendations have been made in *Section 5*.

3.5 Findings as shown within *Appendix A* and assessed within *Section 5* are also highlighted within *Appendix B* which incorporates the Tree Constraints Plan (TCP) - drawing T002 addressing areas where arboricultural solutions are required. The Tree Protection Plan (TPP) - drawing T003 provides outline tree protection measures.

4.0 Survey Limitations

4.1 No soil excavations have been carried out.

4.2 This report only considers the trees and conditions at the time of inspection. As the inspection was only visual no guarantee can be given concerning the condition of the wood at present in any of the trees inspected and furthermore that no future problems or deficiencies may arise.

4.3 The survey has been undertaken as a survey of the trees without prior influence of the development and implicating factors.

4.4 No invasive tools were used during this site survey.

4.5 It should be noted that vegetation including shrubs within this / the neighbouring sites have not been included in the survey as none were within close or relevant proximity .

4.6 The survey has been undertaken from within the site and adjacent public highway only. No access was available to the rear of 25-47 Mansfield Road where trees T1-T2 are sited.

4.7 No additional documentation unrelated to the property or development has been referred to for the trees or the property for the compilation of this report.

5.0 Tree Survey Summary

5.1 The trees have been surveyed in accordance with BS5837: 2012 'Recommendations for trees in relation to construction' (BS5837: 2012) and have been rated as follows:

Category 'A' trees

Trees of high quality with an estimated remaining life expectancy of at least 40 years. Trees have been categorised as 'A' trees for one of the following reasons:

- Mainly arboricultural qualities
- Mainly landscape qualities
- Mainly cultural values including conservation

Within the Site Plan (Appendix B) those trees rated as 'A' category trees have a **green** outline as denoted within the site plan key / survey.

N/A

Category 'B' trees

Trees of moderate quality with an estimated remaining life expectancy of at least 20 years. Trees have been categorised as 'B' trees for one of the following reasons

- Mainly arboricultural qualities
- Mainly landscape qualities
- Mainly cultural values including conservation

Within the Site Plan (Appendix B) those trees rated as 'B' category trees have a **blue** outline as denoted within the site plan key.

T1, T2, T3

Category 'C' trees

Trees of low quality with an estimated remaining life expectancy of at least 10 years or young trees with a stem diameter below 150mm. Trees have been categorised as 'C' trees for one of the following reasons

- Arboricultural qualities - unremarkable trees of very limited merit
- Mainly landscape qualities
- Trees with no material conservation or cultural value

Within the Site Plan (Appendix B) those trees rated as 'C' category trees have a **grey** outline as denoted within the site plan key.

N/A

Category 'U' trees

Trees in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years. Within the Site Plan (Appendix B) those trees rated as 'U' category trees have a **red** outline as denoted within the site plan key.

N/A

5.2 The trees have been surveyed taking into account condition, general health and form without the development process influencing the survey. In addition they have also been surveyed taking account of amenity value that is offered in relation to both the landscape and surrounding buildings and streetscape. This report outlines the impact that the proposed development will have on the overall treescape and landscape; it provides recommendations to ensure that long-term amenity value for the area is retained.

5.3 The report has been written with close reference to the British Standard Guidance, British Standard 5837: 2012 'Recommendations for trees in relation to construction' (BS5837: 2012), which addresses the juxtaposition between trees and structures. The Arboricultural Impact Assessment highlights areas where the trees will require protection which should be addressed within the Arboricultural Method Statement (AMS) and/or Tree Protection Plan (TPP) specific to the site and proposed scheme, and corroborating with all construction and landscape method statements as relevant.

5.4 The report specifies precautions which shall be taken when working close to retained trees. Important terms include:

Root Protection Area (RPA)

The area defined as requiring protection from development from retained trees within BS5837 (2012). Using a calculation provided within BS5837 a radius distance is provided based on a measurement of the main stem taken at 1.5m height.

Construction Exclusion Zone (CEZ)

This is the RPA where no construction activity should occur and damage is prevented by either installing fencing to restrict access or installing ground protection that allows limited access above the ground, while protecting the rooting environment below.

Due to site constraints and the encroaching nature of development for an area within the RPA outside the CEZ where works are proposed, works must be carried out with care to minimise any impact on the tree rooting environment.

Tree Protection Plan (TPP)

The document which defines the extent and methodology of tree protection for the entire development process. This should be referred to AT ALL TIMES by the principal contractor and shall ensure safe protection of all retained trees on site.

Precautionary Area

An area where works must be undertaken with direct consultation with methodology as specified within the AMS report and / or scheme of Arboricultural supervision

6.0 Arboricultural Impact Assessment

Site Overview

6.1 The 3 no. trees (T1-T3) are located within properties adjacent to 43 Oak Village, London, NW5 4QL which is within the London Borough of Camden. The following statutory checks have been made for the site:

CONSERVATION AREA STATUS

N/A

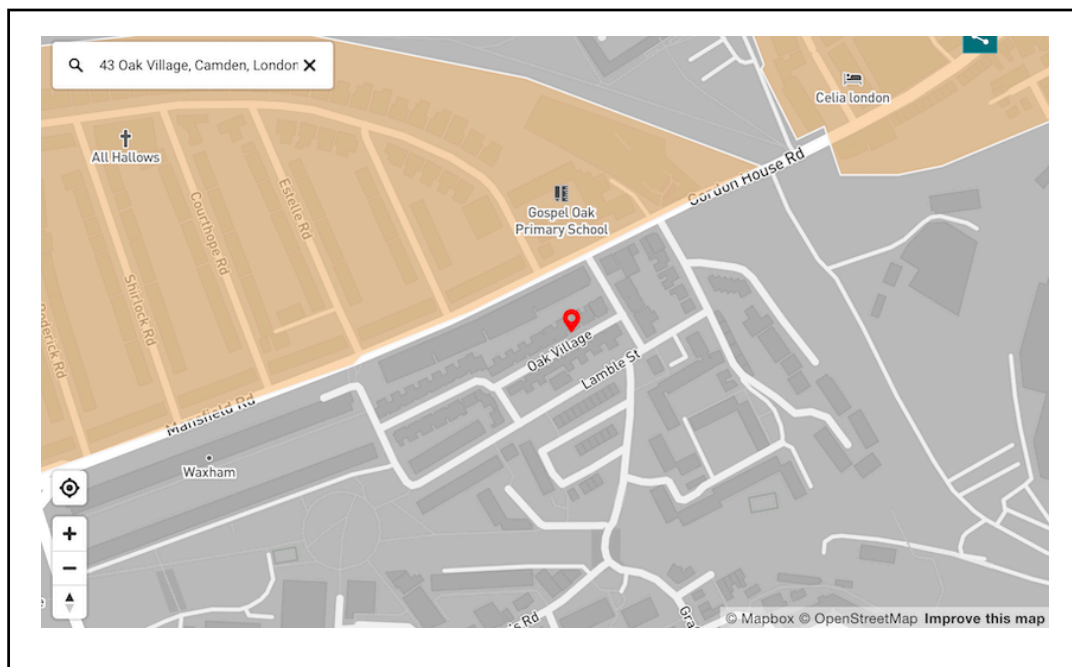
TREE PRESERVATION ORDER (TPO) STATUS

TPO protection check has not been undertaken. BS5837 does not draw any distinction between trees subject to statutory protection, such as a Tree Preservation Order, and those trees without. This is principally because a detailed planning consent overrides any TPO protection

6.2 The trees are sited as follows:

Rear of 25-47 Mansfield Road - trees T1, T2
Public highway, Oak Village - tree T3

6.3 Extracted maps onfirms site location and absence of statutory protection:

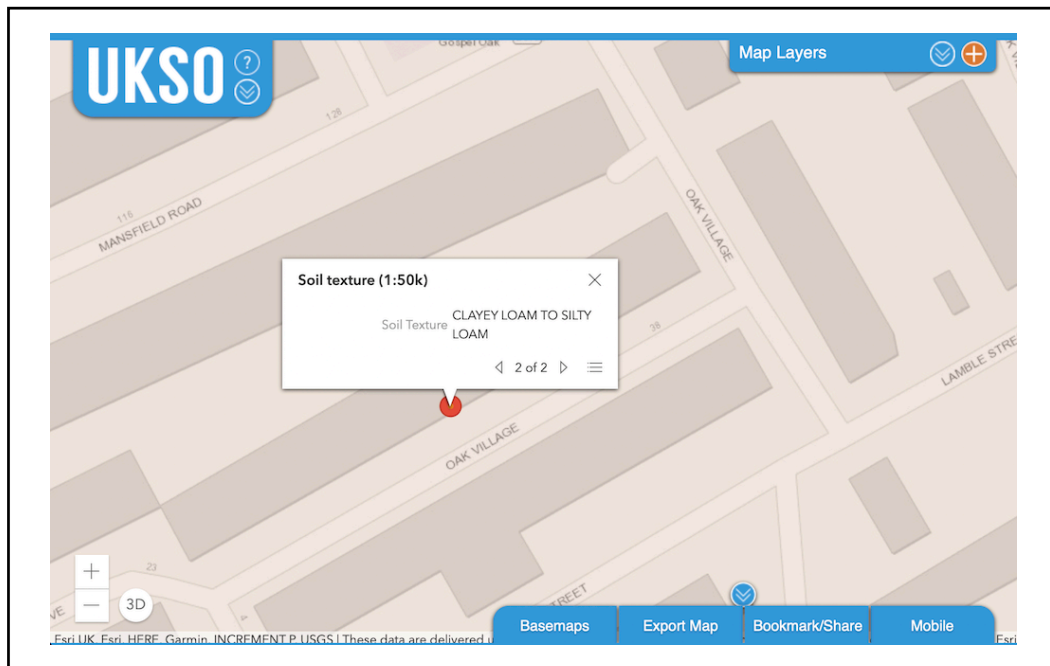


Extract from:

<https://opendata.camden.gov.uk/People-Places/Camden-Conservation-Areas-Map/d2m6-mjue>

6.4 The underlying soil to this area is classified as 'clayey loam to silty loam' within the UK Soil Observatory (www.ukso.org) - a medium to heavy soil mix. The presence of a clay element within the soil is significant in terms of both tree protection and foundation design. Clay soils can experience substantial volume changes when vegetation extracts moisture from the ground and they are also prone to compaction when wet; therefore with potential for volumetric change in the soil post development.

6.5 The soil profile is confirmed as below:



EXTRACT FROM:

<https://mapapps2.bgs.ac.uk/ukso/home.html>

6.6 Any foundations should also be designed in accordance with the recommendations contained within NHBC Chapter 4.2 (National House Building Council, 2010) and should account for the possibility of both subsidence and heave from relative soil conditions which are recommended to be researched specifically to the site.

6.7 For the purposes of this report, reference has been made to the following plans for the proposed development which comprises the proposal for rear extension, internal refurbishment with associated final landscapes.

Emil Eve Architects
110_Existing Drawings
110_Proposed Drawings

6.8 The summary of arboricultural impact which shall be assessed is as follows:

- General development / construction works within close proximity of retained trees
- Retention of all trees
- Final landscape works in accordance with tree protection measures within the RPA of retained off site trees T1 & T2
- Scaffold erection within crown of tree T3
- Potential compaction and damage of the retained trees in relation to the development and landscape process
- Potential damage to canopies of the retained trees surrounding the site during development and landscape process
- The use of and storage of materials and chemicals on site within close proximity of the trees
- Impact of development upon trees via future occupancy

6.9 The trees and the impact from the proposed development are evaluated within this section to determine overall arboricultural impact from the proposed development. Where trees are retained the Root Protection Area (RPA) for each tree is evaluated in relation to proposed development works. The following is assessed within this section:

- (i) Where tree protection measures are deemed appropriate these are highlighted
- (ii) No mitigation for tree loss is required as no trees are proposed for removal

Arboricultural Impact Assessment

6.10 There are no trees sited within the subject site. Those trees surveyed are off site surrounding the subject site and of the following species:

Tilia europaea (Common lime)
Prunus avium (Cherry)
Prunus pissardi (Purple leaved plum)

6.11 The main attributes of the trees are as follows:

- (i) Tree T1, Common lime & tree T2, Cherry - 'B' category. Off site to north. Both trees to south of limited raised retainer. Sited at level ground with rear to 43 Oak Village. 1.6m height brick built boundary wall between tree and subject site
 - RPA incursion for T1 & T2 within site
 - No overhanging crown for tree T1 within site due to heavily pollarded form
 - For tree T2 overhang of 2m branch lengths at 4-7m height; sub 25mm branch diameters
- (ii) Tree T3, Purple plum- 'B' category. Off site to south. Northern crown growing within 1.0m of property including growing within utility lines. Generally crown lifted

Summary photographs of the trees are shown within *Appendix C* with full findings within the Tree Survey Schedule - *Appendix A*.

6.12 To the rear of the property where rear extension and final landscape works are proposed the potential impacts for individual trees are as follows:

- Construction site storage / infrastructure including storage of materials, chemicals, site welfare within the RPA of T1 & T2
- Final landscape works within RPA of T1 & T2
- Future occupancy of extension structure within close proximity of retained trees

6.13 At the front of the property tree protection shall be achieved via protection of the public highway tree T3 from the following development processes:

- Deliveries
- Site infrastructure & storage
- Scaffold erection

6.14 For the development there is no incursion to the RPA of retained trees for the development process. Additionally the crowns shall not be impacted due to managed form / limited overhang to site.

6.15 In relation to future occupancy it is clear that the proposed extension shall not be detrimentally impacted from the shading of those trees retained due to historic existence of trees and the dwelling. In fact the trees provide a good landscape buffer between the property and those dwellings to the north.

6.16 Protection of all trees highlighted for retention is justified based on the following:

- (i) No RPA incursion for retained trees
- (ii) Application of tree protection measures incorporating
 - Tree protection for final landscape T1
 - Off site location for T1 & T2 affording protection to the main stems
 - Ground protection applicable for T1 & T2
 - Fencing to T3 highway tree
- (iii) Tree protection for landscape works for T1 & T2
- (iv) Facilitative tree works required for T3 to provide clearance

6.17 The following tree protection measures shall be applied as specified within Section 7, AMS and the TPP which shall mitigate against any potential damage ensuring all trees remain protected:

- (i) TREE PROTECTION FENCING
Fencing for areas exposed to construction works shall be implemented as shown within the AMS & TPP
- (ii) GROUND PROTECTION
Ground protection for RPA area exposed to construction works shall be implemented as shown within the AMS & TPP
- (iii) FACILITATIVE TREE WORKS
Protection from scaffold erection to T3 northern crown
- (iv) PROTECTION FROM SITE STORAGE, INFRASTRUCTURE & WELFARE
Site storage, mixing of chemicals and site welfare shall be sited outside of the RPA of retained trees

Summary of Arboricultural Impact

6.18 The proposed development requires tree protection measures and mitigation for the implementation of development as follows:

Tree Protection applicable to the following trees:

T1, T2, T3

Mitigation applicable for the removal of the following trees:

N/A

The tree protection measures shall ensure that the development does not detrimentally impact the amenity value and canopy cover of the site including those trees neighbouring the site.

6.19 In summary the arboricultural impact as outlined within drawing T003 - Tree Protection Plan (TPP) shall require the following tree protection measures

- (i) TREE PROTECTION FENCING
- (ii) GROUND PROTECTION
- (iii) FINAL LANDSCAPES TREE PROTECTION MEASURES
- (iv) FACILITATIVE TREE WORKS
- (v) PROTECTION FROM SITE STORAGE, INFRASTRUCTURE & WELFARE

7.0 Arboricultural Method Statement

7.1 The following tree protection measures require close adherence AT ALL TIMES as outlined within this report. The measures are outlined within Tree Protection Plan (TPP) - drawing T003.

7.2 Tree Works

7.2.1 Tree Works are required as is confirmed within Schedule of Works - Section 9.

7.2.2 Tre works shall be undertaken at pre-commencement stage

7.3 Tree Protection Fencing

7.3.1 Protection of the trees highlighted for retention must be implemented as explained below and as specified within the TPP - drawing T003.

7.3.2 These measures must remain for the entire construction process in order to provide a comprehensive barrier from the trees

- The area surrounding the trees must be surrounded by protective fencing as outlined in TPP - T003
- The protective fencing used must be suitable for the purpose of excluding construction activity and appropriate to the degree and proximity of work taking place around the retained trees.
- This barrier must remain rigid and complete during the entire construction process. Protection is not required surrounding entire trees where boundary treatments intervene in RPA's as the remainder of the root plate will remain unaffected by virtue of being located within the neighbouring properties
- Once the Exclusion Zone has been protected by fencing all weather notices as included in *Appendix D* must be put onto the barrier warning that the area is a construction exclusion zone.
- No heavy plant shall come into contact with any part of the canopies of the trees.
- No building materials or chemicals shall be stored within the tree protection zone as indicated on the TPP

7.4 Ground Protection

7.4.1 Ground protection must be applied as shown within the TPP with the following fully adhered to:

- Implementation of 75mm bark mulch layer overlapped with minimum 15mm plyboard surface or load bearing ground protection boards to provide ground protection for development process
- No storage of spoil within this area
- No storage of chemicals within this area

7.4.2 Where applied, ground protection shall be removed for final landscapes works within the RPA of retained trees.

7.5 Storage of Construction site related materials, plant and spoil / Site Welfare & Site Office

7.5.1 A designated storage area / site welfare & office must be confirmed at pre-commencement stage which is located outside of the RPA of retained trees and within existing hard standing. Strict adherence to this area must be made to this area and any amendment would require written consent from the tree officer.

7.5.2 Site welfare and the site office must be confirmed at pre-commencement stage which is located outside of the RPA of retained trees. Strict adherence to this area must be made to this area and any amendment would require written consent from the tree officer.

7.6 Final Landscape Works

7.6.1 For final landscaping works the following must apply where carried out within the RPA of retained trees

- No reduction in levels of the underlying soil surface will occur during final landscaping works within the RPA of retained trees
- Close adherence with detailed root protections specifications as outlined within this report for installation of pergola and shed
- No compaction of soils for establishing level base

7.6.2 Within BS5837 (2012) the Standard makes provision for undertaking excavations in RPAs, explaining that all excavation must be carried out carefully using spades, forks and trowels, It is important not to damage the bark and wood of any roots. For this area, these tools should be used with no machinery used for the preliminary works.

7.6.3 The following tools shall be applicable for such works:



7.6.4 No soakaway shall be sited within the RPA of retained trees.

7.7 Installation of utility services

7.7.1 The installation and/or amendment of utility services within the RPA of retained trees is not required. However where an amendment is required and utilities are required within the RPA of any retained tree the consulting arboriculturist and Local Authority must be notified prior to any ground tree protection / fencing and barrier removal and the following details adhered to:

- Trenching for the installation of underground services severs any tree roots present and can have a detrimental impact on the structural integrity of affected trees. When services are required to pass through a Tree Protection Area / CEZ, detailed plans showing proposed routes should be drawn up in conjunction with the consulting arboriculturist to avoid long term problems for related trees.
- The preferable method for trenching is to use a 'Air Spade' or similar to remove soil with compressed air, therefore minimising damage to roots in the process. Should hand dug excavations be required within the RPA this shall only be undertaken with arboricultural supervision.

7.7.2 Further reference can be made to National Joint Utilities Group (Volume 4, Issue 2) for guidance but any approach must be approved by both the consulting arboriculturist and Local Authority tree officer.

8.0 Communication, Monitoring and Compliance

8.1 In ensuring that all Tree Protections Specifications as highlighted within this AMS are closely adhered to at all times, it is important to set out for the long term of the development, communication details for key individuals and tasks that require monitoring.

8.2 For all tree protection measures these must be considered as sacrosanct and should not be removed or altered without prior written consent from the Local Authority tree officer and/or consulting arboriculturist.

8.3 The local authority arboriculturist will have free access to the site and forward any concerns / recommendations directly to the consulting arboriculturist.

8.4 The following individuals and organisations are central to the delivery of the scheme in relation to the tree protection measures it requires:

CONSULTING ARBORICULTURIST

Name - Marcus Foster MArborA

Telephone - 07812024070

Contact - Marcus Foster

Email - mail@marcus-foster.com

LONDON BOROUGH OF CAMDEN - TREE OFFICER

Name - Arboricultural Services - London Borough of Camden

Telephone - 020 7974 5939

Contact - Nick Bell - Tree Officer

Email - nick.bell@camden.gov.uk

9.0 Tree Works Schedule

9.1 Any tree work shall be carried out to BS 3998; 2010 Recommendations for Tree Work.

9.2 Tree works to be undertaken at pre-commencement stage.

TREE WORKS SCHEDULE: 43 Oak Village, London, NW5 4QL				
Tree No.	Common Name	BS5837 Category	Tree Works	Reasons for works
T3	Purple plum	B	Prune northern crown 1.0-1.5m branch lengths to give 2.0m clearance from building line and utilities	To facilitate development / general management

NOTE: Wildlife & Habitat Protection Guidelines

The tree work specifications included within this report do not provide an exemption from the requirements to comply with the Wildlife and Countryside Act 1981, the Habitats Regulations 1994 and the Countryside and Rights of Way Act 2000, or any acts offering protection to wildlife. Of particular note is the protection offered to bats, birds and their nests, whilst being built or in use. It must be noted that failure to comply with the Acts may result in a criminal prosecution.

Appendices

Appendix A

Tree Survey Schedule (BS5837:2012)

43 Oak Village
London
NW5 4QL

Colour Key: BS5837: 2012 (see Section 3.6)

-  Category A
-  Category B
-  Category C
-  Category U

BS5837:2012 TREE SURVEY SITE: 43 Oak Village London NW5 4QL SURVEY DATE: 16th January 2023														
Tree No	Species	Height (m)	DBH (mm)	Spread (m) N/E/S/W	Age	Structural Condition	Vitality	BS5837 (2012) Rating	Remaining Contribution (years)	Comments / Structural Condition	First branch height (m)	First canopy height (m)	Root Protection Area (RPA) m2	Root Protection Area (RPA) Radius (m)
T1	Common lime	10	500 (e)	2 2 2 2	M	F	G	B1	20+	Off site to north within / to south of limited raised retainer. Pollarded within past 6 months (September 2023) with no overhang to site remaining. 1.6m height brick built boundary wall between tree and subject site	5.0	5.0	113.11	6.0
T2	Cherry	11	350 (e)	5 5 4 4	EM	F	G	B1	20+	Off site to north within / to south of limited raised retainer. Lean to east. Crown supressed to east with absent crown to west due to T1 (prior to reduction works). 1.6m height brick built boundary wall between tree and subject site. Overhang of 2m branch lengths at 4-7m height; sub 25mm branch diameters	5.0	5.0	55.42	4.2
T3	Purple plum	7	210	3 3 4 3	M	F	G	B1	20+	Public highway tree. Tight union at 2m height. Northern crown growing within 1.0m of property including growing within utility lines	2.5	2.5	19.95	2.5

(e) Denotes estimated diameter due to access restrictions

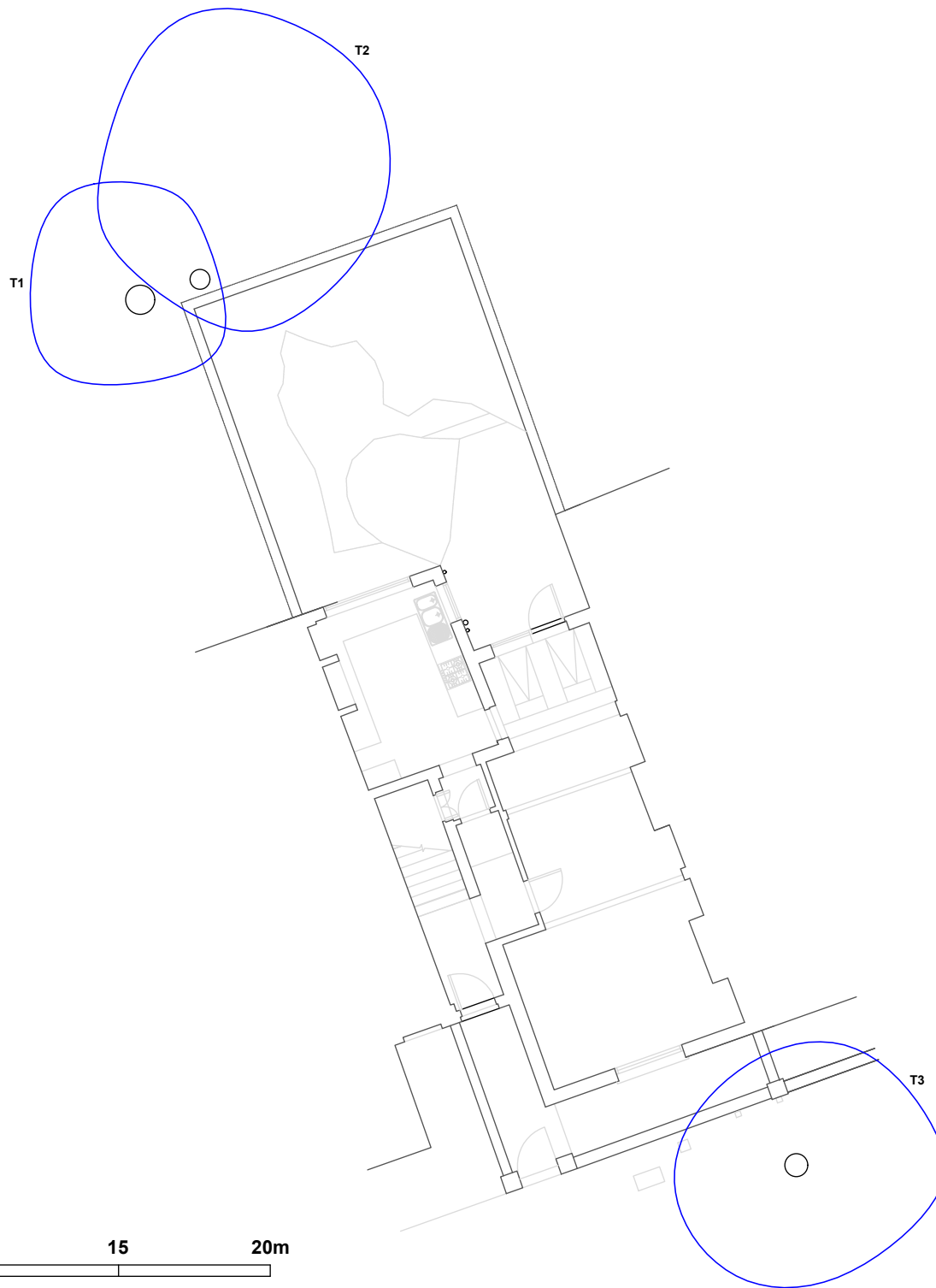
Appendix B

Existing Tree Survey (T001)
Tree Constraints Plan (T002)
Tree Protection Plan (T003)
(BS5837:2012)

43 Oak Village
London
NW5 4QL

Colour Key: BS5837: 2012 (see Section 3.6)

-  Category A
-  Category B
-  Category C
-  Category U



KEY

	CATEGORY A
	CATEGORY B
	CATEGORY C
	CATEGORY U
	TREES REMOVED
	RPA
	RPA INCURSION

BS5837 (2012) Tree Survey Notes

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4. Marcus Foster Arboricultural Design & Consultancy accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided
5. Off site trees have been plotted based on site visit survey and locations are not based upon topographical survey

NOTE: Tree survey locations based on previous undertaken topographical surveys for design issue and additional GIS mapping has not been undertaken for the purposes of this survey. All off site trees where not plotted within topographic survey information are plotted using on site survey tools from within the site only.

Revisions

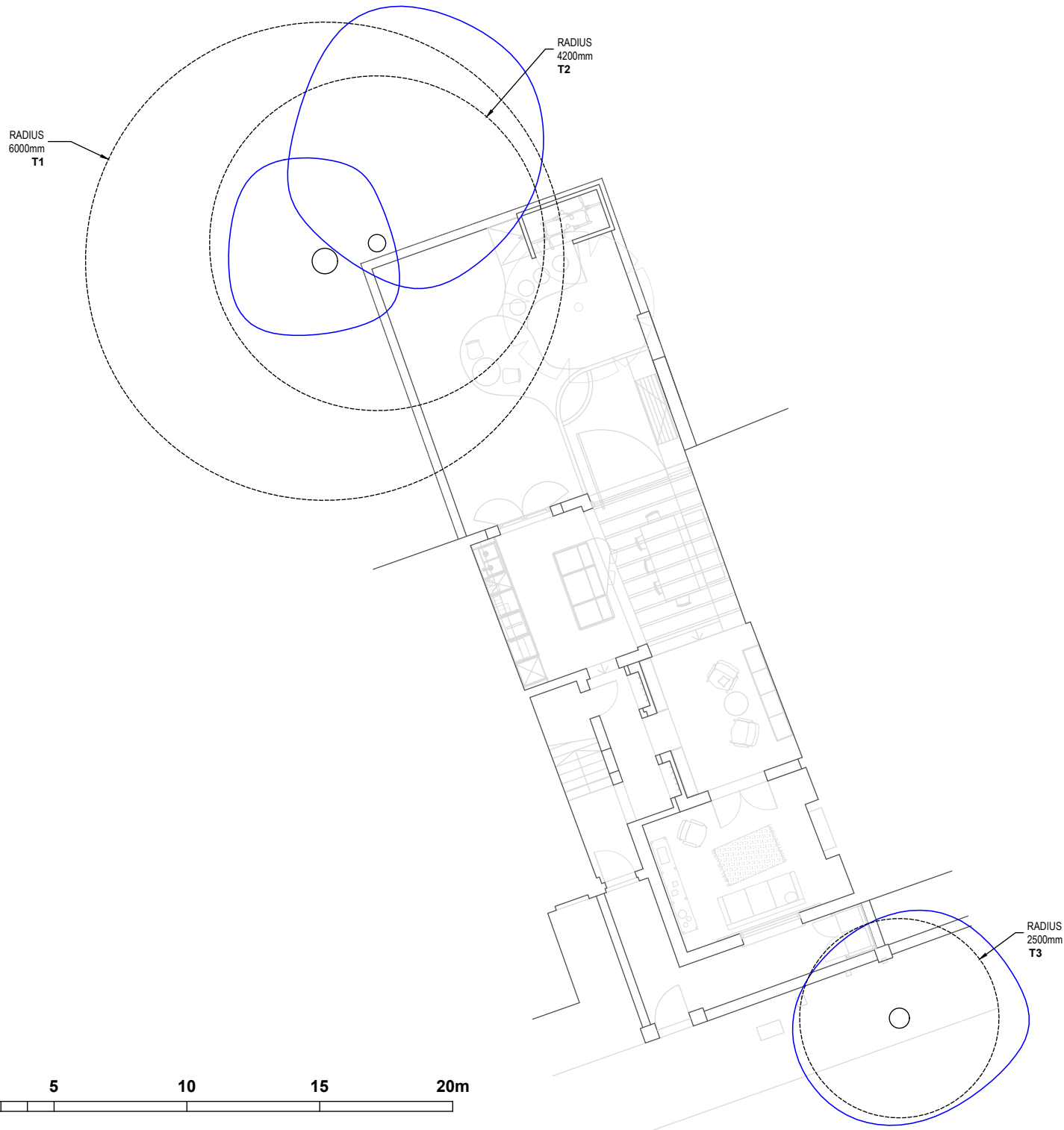
Rev.	Date	Checked
1	22.01.2024	MF

SITE	43 Oak Village London NW5 4QL
CLIENT	Emil Eve Architects
DWG TITLE	Existing Tree Survey Plan
SCALE	1:100 @ A3
JOB NO	AIA/MF/005/24
DATE	JAN 2024
DWG NO.	T001



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Marcus Foster
TREE CONSULTANCY



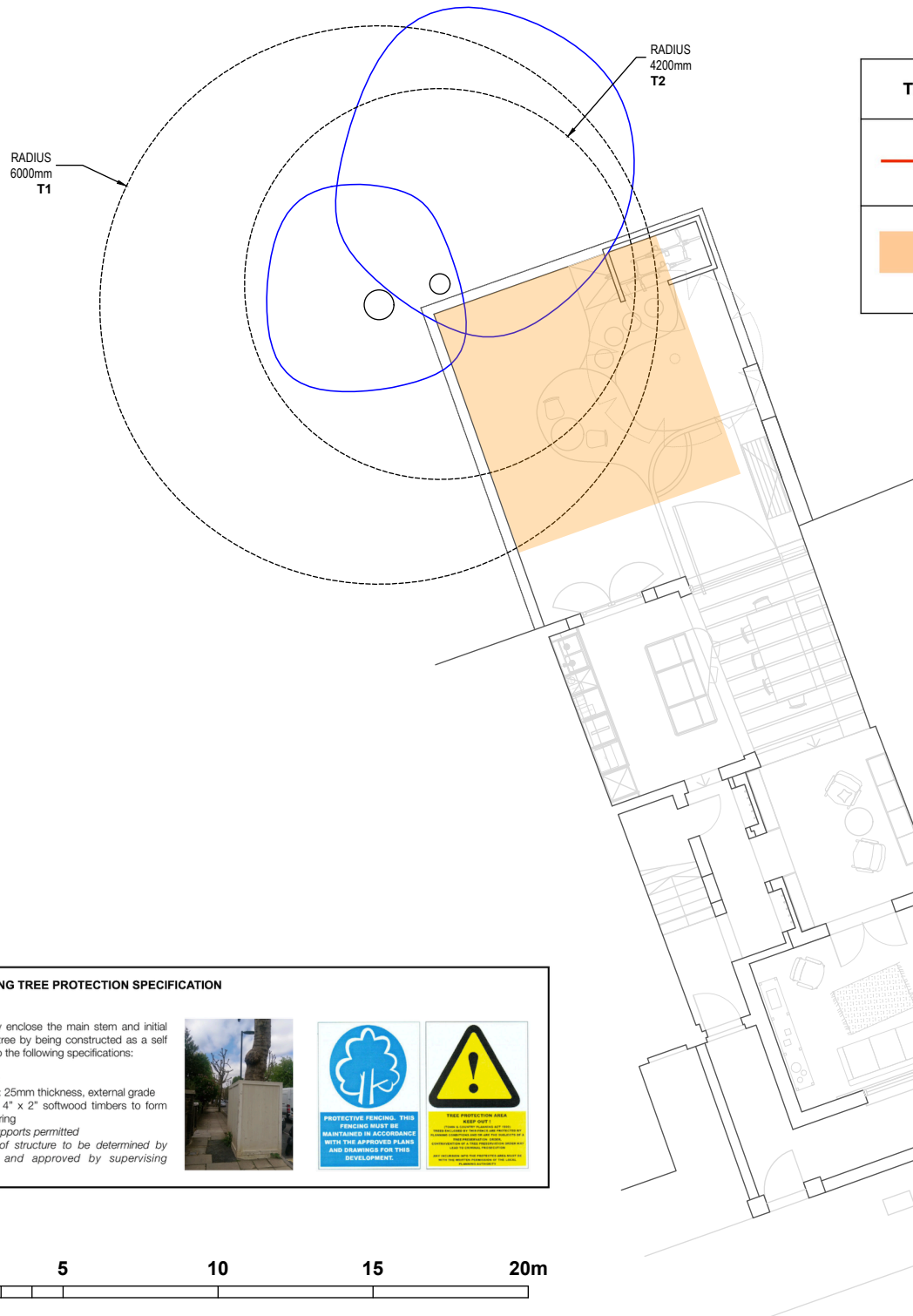
KEY	
	CATEGORY A
	CATEGORY B
	CATEGORY C
	CATEGORY U
	TREES REMOVED
	RPA
	RPA INCURSION

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Revisions		
Rev.	Date	Checked
1	22.01.2024	MF
SITE 43 Oak Village London NW5 4QL		
CLIENT Emil Eve Architects		
DWG TITLE Tree Constraints Plan		
SCALE 1:100 @ A3	DATE JAN 2024	
JOB NO AIA/MF/005/24	DWG NO T002	
 T: 0781 2024070 mail@marcus-foster.com www.marcus-foster.com Marcus Foster TREE CONSULTANCY		



TREE PROTECTION KEY	
	TREE PROTECTION FENCING
	GROUND PROTECTION: EXISTING HARD LANDSCAPES RETAINED / GROUND PROTECTION BOARDS FOR SOFT LANDSCAPED AREAS

KEY	
	CATEGORY A
	CATEGORY B
	CATEGORY C
	CATEGORY U
	TREES REMOVED
	RPA
	RPA INCURSION

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All off site trees where not plotted within topographic survey information are plotted using on site survey tools from within the site only.

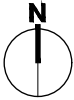
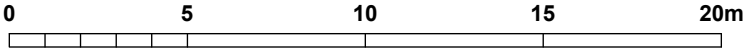
BASAL SHUTTERING TREE PROTECTION SPECIFICATION

KEY

The fencing must fully enclose the main stem and initial buttress roots of the tree by being constructed as a self supporting structure to the following specifications:

Minimum height: 2.4m
Plywood Specification: 25mm thickness, external grade
Supporting Structure: 4" x 2" softwood timbers to form structure within shuttering
NOTE: - No ground supports permitted
- Structural integrity of structure to be determined by building contractor and approved by supervising





Revisions

Rev.	Date	Issued For Information	Checked
1	22.01.2024	ISSUED FOR INFORMATION	MF

SITE 43 Oak Village London NW5 4QL

CLIENT Emil Eve Architects

DWG TITLE Tree Protection Plan

SCALE 1:100 @ A3 DATE JAN 2024

JOB NO AIA/MF/005/24 DWG NO T003



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Appendix C: **Tree Survey Photographs**



Trees T1-T2 viewed to north west from rear garden of 43 Oak Village



Trees T1-T2 viewed to north west



Subject site viewed to south



Highway tree T3 viewed to north



Highway tree T3 viewed to east

Appendix D: **Tree Protection Notice**

Generic Tree Protection Notice
(BS5837: 2012):

*Notice to be clearly shown on site where
fencing constructed
AT ALL TIMES*



Appendix E

Tree Protection Fencing Specifications

TREE PROTECTION FENCING SPECIFICATION

(BASAL SHUTTERING)

BASAL SHUTTERING

Specification of Basal Shuttering Tree Protection

The fencing must fully enclose the main stem and initial buttress roots of the tree by being constructed as a self supporting structure to the following specifications:

Plywood Specification: 25mm thickness, external grade
Supporting Structure: 4" x 2" softwood timbers to form structure within shuttering

NOTE: - No ground supports permitted

Structural integrity of structure to be determined by building contractor and approved by supervising arboriculturist

Tree Protection Fencing Notices: 5 x Notices

Example of Basal Shuttering Tree Protection



Appendix F: References

1. BS5837: British Standard: Trees in relation to design, demolition and construction - Recommendations, British Standard (2012)
2. Principles of Tree Hazard Assessment and Management, Lonsdale, D. (Department for Transport, Local Government and the Regions, 1999)
3. The Body Language of Trees, Mattheck, C. and Breloer, H. (HMSO, 1994)
4. Trees in Britain, Philips, R. (Pan Books, 1978).
5. Diagnosis of Ill Health in Trees, Strouts, R. and Winter, (TSO, 1994)
6. National Planning Policy Framework February 2019 Ministry of Housing, Communities and Local Government
7. NJUG Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees (Issue 2), (November 2007)

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