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

Site

25 – 27 Clarendon Road
Wood Green
London
N8 0DD

Client

J Group

Date of Report:

July 2024

Report Reference:

AIA/MF/094/24

Report Prepared by:

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1.0 Instructions

1.1 This report has been commissioned by J Group to survey, assess and provide an Arboricultural Impact Assessment and Method Statement for the trees sited within close proximity of proposed development works at 25 – 27 Clarendon Road, Wood Green, London, N8 0DD.

2.0 Introduction

2.1 A site visit was conducted on 3rd May 2024 to survey and assess the trees. The weather at the time of inspection was mild and wet with trees in late spring with full bud burst.

2.2 The tree survey, report and recommendations have been compiled for the 1 no. tree and 1 no. group (T1-G2) surveyed within the neighbouring site 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 1 no. tree and 1 no. group (T1-G2) as shown in the survey, *Appendix A*, and also highlighted on the site plans, *Appendix B*.

3.2 The trees and group were surveyed from ground level from within their site location. 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)
- Vigour: 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 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.

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

4.3 No invasive tools were used during this site survey.

4.4 The survey has been undertaken from within the site and adjacent public highway only.

4.5 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.

N/A

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.

T1, G2

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 1 no. tree and 1 no. group (T1-G2) are located within land adjacent to 25 – 27 Clarendon Road, Wood Green, London, N8 0DD which is within the Local Planning Authority - Haringey Council.

6.2 The following statutory checks have been made for the site:

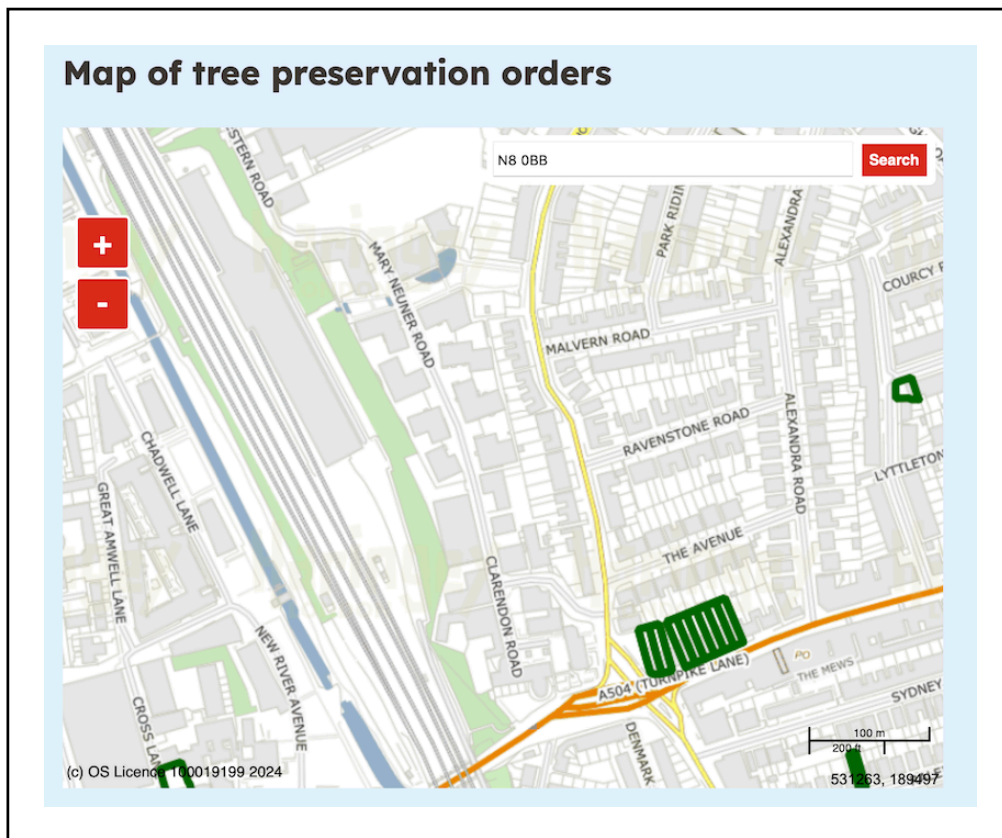
CONSERVATION AREA STATUS

None applicable

TREE PRESERVATION ORDER (TPO) STATUS

None applicable

The site location and confirmation of statutory protection is confirmed as below:



EXTRACT FROM:

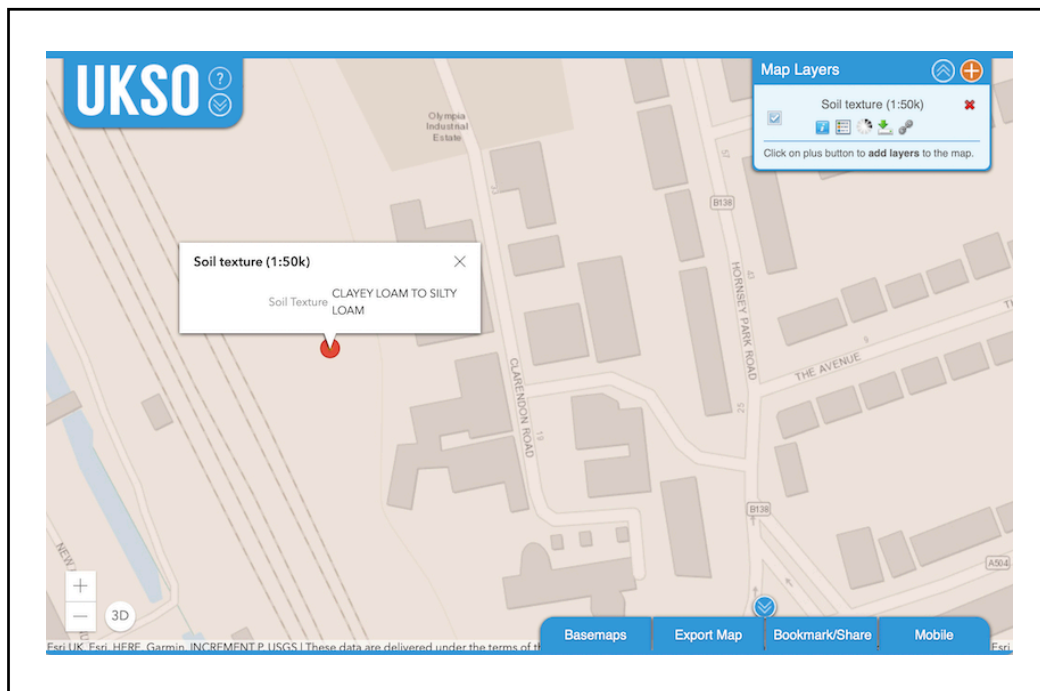
<https://www.haringey.gov.uk/environment-and-waste/nature-and-conservation/trees/tree-preservation-orders/map-tree-preservation-orders-tpos-haringey>

6.3 The trees are sited as follows:

Network Rail land - Tree T1 and group G2

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; the soil is deemed as being of medium to heavy texture with more susceptibility to compaction. Any tree 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.:

6.5 The soil profile is confirmed as below:



6.6 For the purposes of this report, reference has been made to the following plans for the proposed development:

TOPOGRAPHICAL SURVEY
2646_Site
PRP
CWG-PRP-ZZ-01-DR-A-1101 - Level 1 Floor Plan

6.7 The summary of arboricultural impact from construction of residential dwelling to replace existing industrial units which shall be assessed is as follows:

- Retention of all trees
- Ground works within the RPA of tree T1 to facilitate site updates
- Potential compaction and damage of the retained tree and group 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

6.8 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) Mitigation for tree loss where trees are proposed for removal

6.9 Reference is also made to the Local Authority's Local Plan and wider relevant policy:

- (i) New London Plan, Chapter 8 Green Infrastructure and Natural Environment - Policy G7 Trees & Woodlands (2021)
- (ii) Development Management DPD (July 2017)
Policy DM19: Nature Conservation

Arboricultural Impact Assessment

6.9 The trees and shrubs sited within the subject site are of the following species:

Sycamore (*Acer pseudoplatanus*)
Buddleia (*Buddleia davidii*)

6.10 The main attributes of the tree and group are as follows:

- (i) Tree T1 - off site within Network Rail land - 'C' category tree. Sited 2m distance from boundary location. Southern stem foliage late to bud burst with decline evident in crown. Main branch framework develops from 6-7m off site. Overhanging crown of 2.5m branch lengths at 2-8m height / 3m branch lengths at 9-14m height
- (ii) Off site grouping of self sown railway embankment trees / shrubs - classified as a 'C' category group. All overhang maximum 1.5m branch lengths - sub 25mm diameter branches

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

6.11 To the rear the potential impacts for individual trees are as follows:

- Ground works within RPA of T1
- Future occupancy of structure within close proximity of retained tree T1 and group G2
- Site infrastructure including storage of materials, chemicals, site welfare associated with development process

6.12 For the development there is incursion to the RPA of retained tree as follows for the development footprint:

T1 - 2% incursion to eastern RPA for 4.8m RPA radius

There is no further incursion of RPA for the group G2 where within close proximity of the site.

6.13 Protection of tree T1 and group G2 highlighted for retention is justified based on the following:

- (i) Limited RPA incursion for retained tree. The incursion shall be for an area of very limited extent (2%) with the following factors limiting impact:
 - Existing concrete impermeable slab extends within western RPA where building footprint is proposed
 - Entire western RPA shall remain unaffected by virtue of off site location
- (ii) Application of tree protection measures incorporating
 - Precautionary Area for tree T1
 - Off site location for T1 & T2 affording protection to the main stem of the surveyed trees
- (iii) Tree works required for implementation of development for updated building line and any associated scaffold erection are to the standard set out within BS3998:2010 - Tree Work: Recommendations

6.14 In relation to future occupancy the site shall not be detrimentally impacted from the shading or existence of those trees retained due to the following factors:

- (i) Site aspect with only western sunlight impacting the massing where directly to the east of the tree
- (ii) Location of tree set back from site boundary
- (iii) Historic regime of pruning of overhanging growth to the site, notably in relation to low growth

6.15 The following tree protection measures shall be applied as specified within Section 6, 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) PRECAUTIONARY AREA

For the precautionary area / RPA of T1 as outlined within the AMS (Section 7 of this report) & TPP a Precautionary Area shall be applied to protect trees from the development process

(iv) FACILITATIVE TREE WORKS

Tree works to be undertaken at pre-commencement stage

(iv) PROTECTION FROM 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

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

Tree Protection applicable to the following trees:

T1 & G2

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 provided by those trees neighbouring the site. Therefore the development proposes massing of buildings and development site in accordance with the Local DPD and London Plan.

6.17 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) PRECAUTIONARY AREA (T1)

(iv) FACILITATIVE TREE WORKS

(v) PROTECTION FROM STORAGE, INFRASTRUCTURE & WELFARE

6.18 There is no tree loss and therefore no mitigation required.

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 confirmed within Section 9 - Tree Works Schedule - to 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:

- (l) Retention of existing boundary treatment
Or - where removed
- (i) BS5837:2012 Figure 2 - see TPP & Appendix E

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 shall be required where fencing / boundary does not enclose the RPA. This shall be applied as follows:

(i) Retention of existing hard landscapes

OR

(ii) Ground protection

- 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 Ground protection may also be applicable for areas where tree protection is required but fencing is not achievable.

7.4.3 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 is set out within the TPP and must be set up at pre-commencement stage to be 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.

7.5.2 Site welfare and the site office is set out within the TPP and must be set up 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 **Precautionary Area: Excavations within RPA of T1**

7.6.1 The following methodology shall be applied for the works highlighted within TPP:

GROUND WORKS SEQUENCE

PRECAUTIONARY WORKS AREA IDENTIFIED

A Precautionary area is an area where tree protection for excavations and foundation works require implementation within RPA of retained trees. The identification of this area ensures any root severance is undertaken with arboricultural supervision and without poor severance of exposed tree roots



All works within precautionary area highlighted within 'Toolbox Talk'



Initial hand dug locations of line of proposed piling / building line to be undertaken to a depth of 1000mm to expose larger roots in excess of 25mm diameter



The hand dug trench undertaken to provide clean face. This shall enable exposure of larger roots in excess of 25mm diameter. These roots should then be severed cleanly using a sharp pruning saw to enable regeneration



The line of excavations and subsequent root severance must thereafter be undertaken by the approved consulting arboriculturist and methodology / completed works detailed within a supervision report.



Any roots left exposed against face of trench including massing of fibrous roots shall be wrapped / covered in hessian and kept damp at all times until soil is reinstated with the following further measures:

- a) During dormant period (November - March) no further works are required
- b) During growing season (March - October) in addition to hessian being kept moist the face of trench should be drenched with a soluble seaweed fertiliser to manufacturers application rates on a monthly basis



Upon completion of works infill shall be with a fresh loam based topsoil with mycorrhizal fungi addition to promote root growth

7.7 Precautionary Area / Manual excavation within RPAs

7.7.1 BS5837 (2012) 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. These works are as follows:

7.7.2 For all hand dug excavations the following methodology described below must be adhered to at all times:

- Any works are to be hand dug excavations to ensure no severance of major roots. With all works for this area undertaken by hand, the severance of any larger roots encountered up to 25mm diameter should then be undertaken by the supervising arboricultural consultant to ensure clean severance
- Any exposed roots / massing of fibrous roots shall be firmly covered using hessian sacking to avoid desiccation
- Where tree root severance is not feasible due to size)significant root density in excess of 25mm diameter size)and nature structural engineering solutions / bridging of tree roots as agreed with consulting arboriculturist must be applied.
- Full adherence with detailed tree root protection specifications as outlined within this report

7.7.3 The following tools shall be applicable for works to the boundary wall pile location / proof dig works:



7.8 Final Landscape Works

7.8.1 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
- No compaction of soils for establishing level base

7.8.2 No soakaway shall be sited within the RPA of retained trees

7.9 Installation of utility services

7.9.1 The installation and/or amendment of utility services within the RPA of retained trees is not deemed relevant. However where installation may be required the following details shall be adhered to with the agreement of the Local Authority Tree Officer:

- 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.

7.9.2 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 HARINGEY - TREE OFFICER

Name - Tree Officer - Planning

Telephone - /

Contact - Daniel Monk

Email - daniel.monk@haringey.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: 25 – 27 Clarendon Road, Wood Green, London, N8 0DD				
Tree No.	Common Name	BS5837 Category	Tree Works	Reasons for works
T1	Sycamore	C	Prune eastern crown overhanging the site by 2.5-3.0m branch lengths to provide clearance of site and establish pruning regime in accordance with Common Law Right	To facilitate development
G2	Sycamore / Buddleia		Prune eastern crown by 1-1.5m branch lengths where overhanging site to site boundary	To facilitate development

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)

25 – 27 Clarendon Road, Wood Green,
London, N8 0DD

Colour Key: BS5837: 2012 (see Section 3.6)

	Category A
	Category B
	Category C
	Category U

Tree Survey Key: BS5837: 2012

- 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
- First branch height (m)
- First canopyheight (m)
- Protection Distance m2 Area (where applicable – BS5827: 2012)
- Protection Distance Radius (where applicable – BS5827: 2012)

BS5837:2012 TREE SURVEY
SITE: Land at the rear of 460-462 Hertford Road, Enfield, EN3 5QH | SURVEY DATE: 3rd May 2024

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	Sycamore	16	400 (e)	6 5 5 5	EM	F	F	C1	10+	Off site within Network Rail land - 2m distance from boundary location. Southern stem foliage late to bud burst with decline evident in crown. Main branch framework develops from 6-7m off site. Overhanging crown of 2.5m branch lengths at 2-8m height / 3m branch lengths at 9-14m height	2	2	72.39	4.8
G2	Sycamore / Buddleia	7	M/s 100	/	Y	F	F	C2	10+	Off site grouping of self sown railway embankment trees / shrubs. All overhang maximum 1.5m branch lengths - sub 25mm diameter branches	2	2	/	1.0

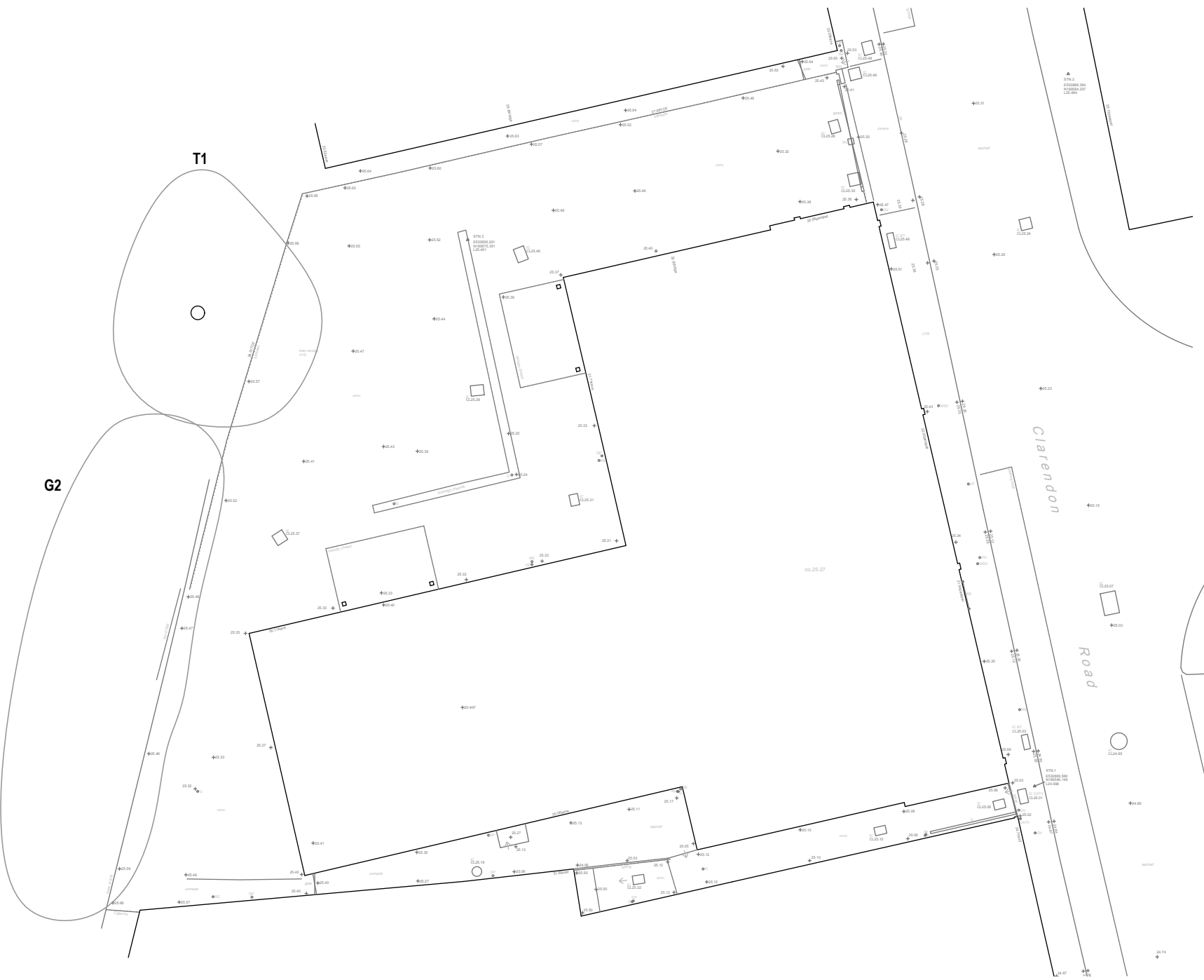
Appendix B

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

25 – 27 Clarendon Road, Wood Green,
London, N8 0DD

Colour Key: BS5837: 2012 (see Section 3.6)

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



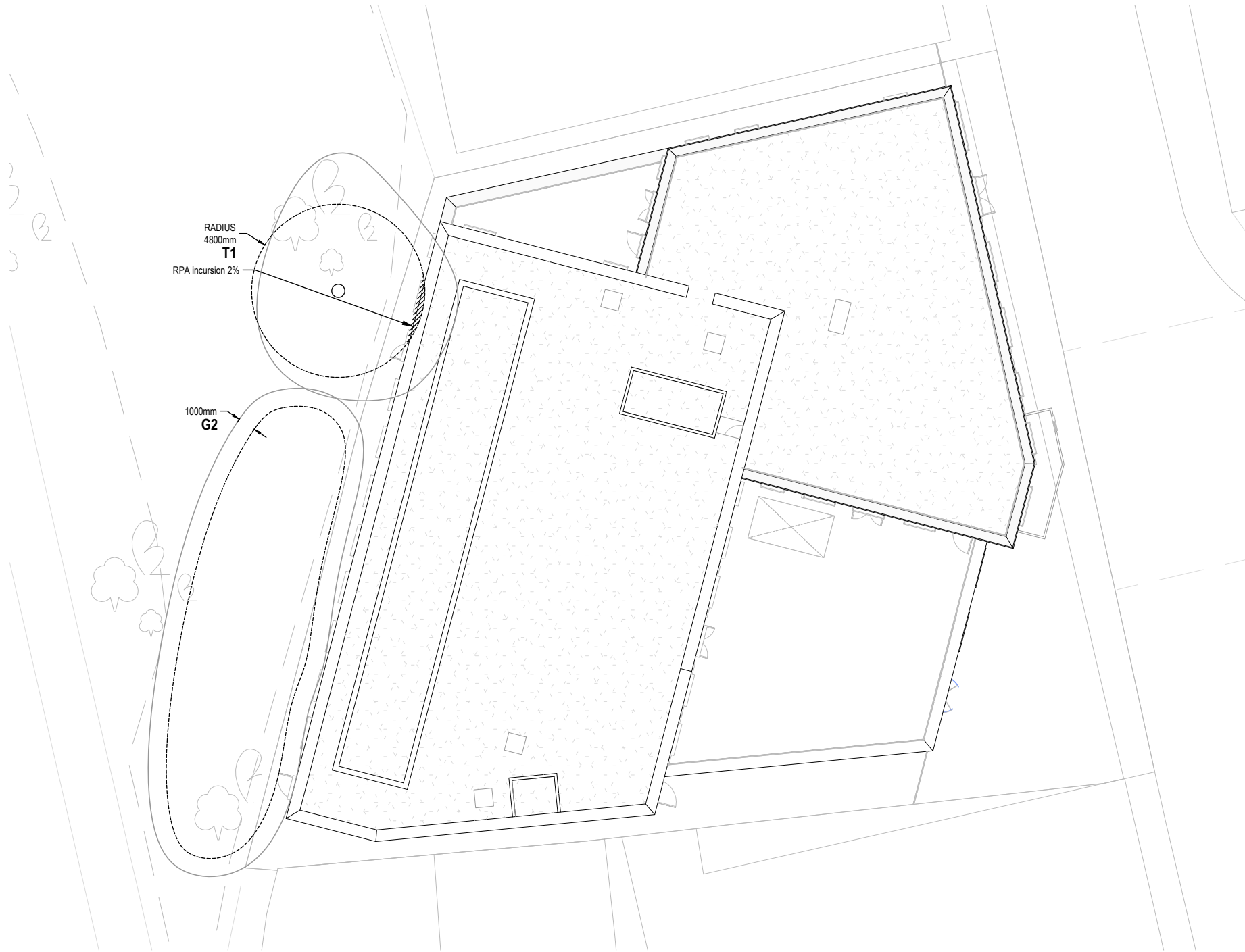
KEY	
	CATEGORY A
	CATEGORY B
	CATEGORY C
	CATEGORY U

- BS5837 (2012) Tree Survey Notes**
1. In accordance with BS5837(2012) this drawing is a colour coded schedule and should not be read in black and white.
 2. If received electronically it is the recipients responsibility to print this drawing to correct scale. Only written dimensions should be used where not printed to scale.
 3. This drawing should be read in conjunction with all other relevant drawings and specifications.
 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
/	14.06.2024	MF
SITE Clarendon Road		
CLIENT J Group		
DWG TITLE Existing Tree Survey Plan		
SCALE 1:200 @ A3	DATE JUN 2024	
JOB NO AIA/MF/094/24	DWG NO. T001	

T: 0781 2024070
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Marcus Foster
TREE CONSULTANCY

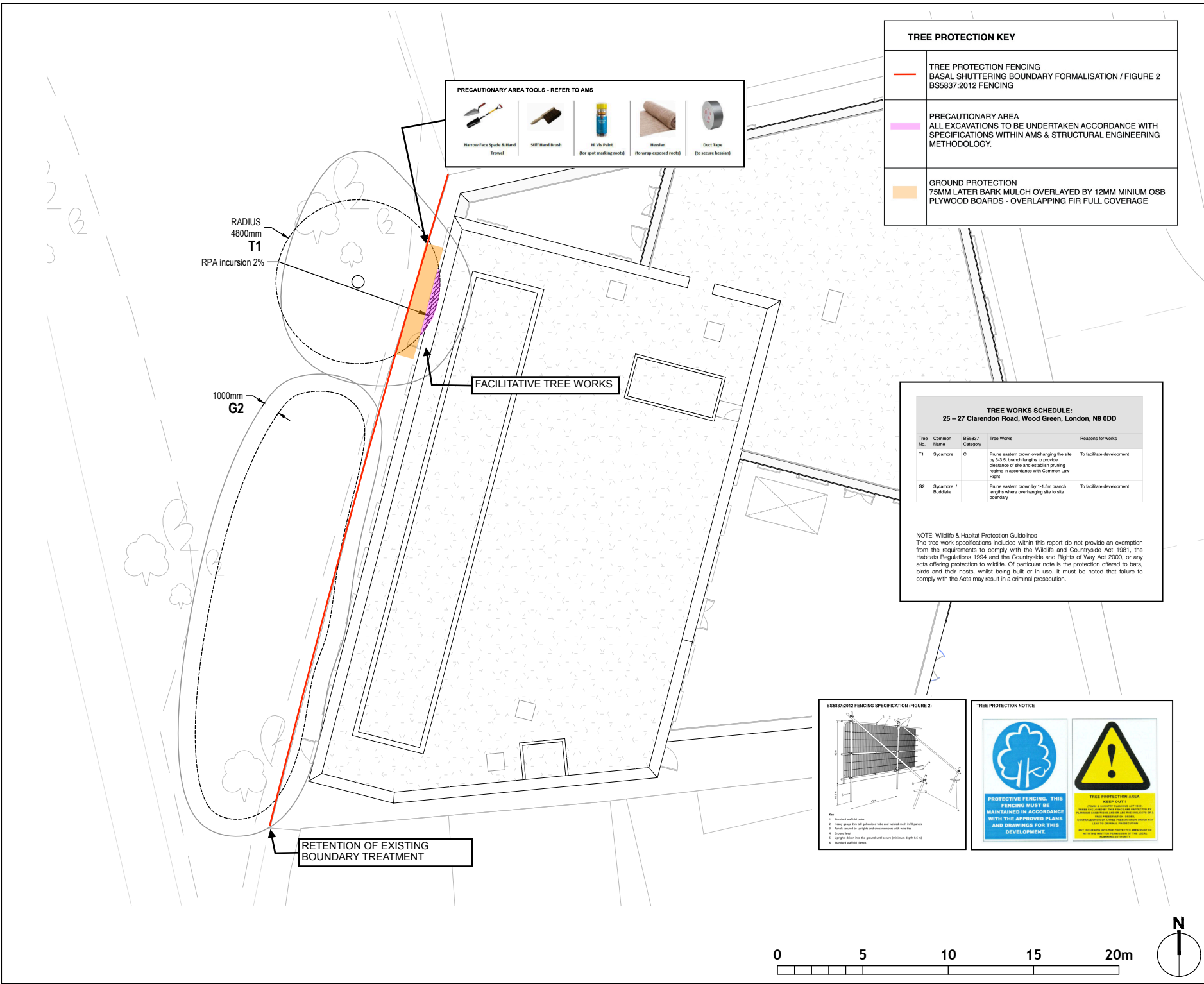


KEY	
	CATEGORY A
	CATEGORY B
	CATEGORY C
	CATEGORY U
	TREES REMOVED
	RPA
	RPA INCURSION
	SHADING ARC

- BS5837 (2012) Tree Survey Notes**
1. In accordance with BS5837(2012) this drawing is a colour coded schedule and should not be read in black and white.
 2. If received electronically it is the recipients responsibility to print this drawing to correct scale. Only written dimensions should be used where not printed to scale.
 3. This drawing should be read in conjunction with all other relevant drawings and specifications.
 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	14.06.2024	MF
2	25.07.2024	MF
SITE	Clarendon Road	
CLIENT	J Group	
DWG TITLE Tree Constraints Plan		
SCALE	DATE	
1:200 @ A3	JUN 2024	
JOB NO	DWG NO.	
AIA/MF/094/24	T002	
 T: 0781 2024070 mail@marcus-foster.com www.marcus-foster.com Marcus Foster TREE CONSULTANCY		

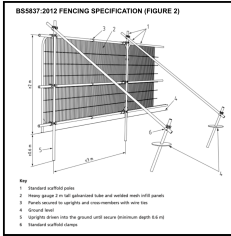


TREE PROTECTION KEY	
	TREE PROTECTION FENCING BASAL SHUTTERING BOUNDARY FORMALISATION / FIGURE 2 BS5837:2012 FENCING
	PRECAUTIONARY AREA ALL EXCAVATIONS TO BE UNDERTAKEN ACCORDANCE WITH SPECIFICATIONS WITHIN AMS & STRUCTURAL ENGINEERING METHODOLOGY.
	GROUND PROTECTION 75MM LATER BARK MULCH OVERLAYED BY 12MM MINIMUM OSB PLYWOOD BOARDS - OVERLAPPING FIR FULL COVERAGE

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

TREE WORKS SCHEDULE: 25 – 27 Clarendon Road, Wood Green, London, N8 0DD				
Tree No.	Common Name	BS5837 Category	Tree Works	Reasons for works
T1	Sycamore	C	Prune eastern crown overhanging the site by 2-3.5m branch lengths to provide clearance of site and establish pruning regime in accordance with Common Law Right	To facilitate development
G2	Sycamore / Buddleia		Prune eastern crown by 1-1.5m branch lengths where overhanging site to site boundary	To facilitate development

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.



- BS5837 (2012) Tree Survey Notes**
- In accordance with BS5837(2012) this drawing is a colour coded schedule and should not be read in black and white.
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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	Issued For Information	Checked
/	14.06.2024	ISSUED FOR INFORMATION	MF
/	25.07.2024	ISSUED FOR INFORMATION	MF

SITE Clarendon Road

CLIENT J Group

DWG TITLE Tree Constraints Plan

SCALE 1:200 @ A3 **DATE** JUN 2024

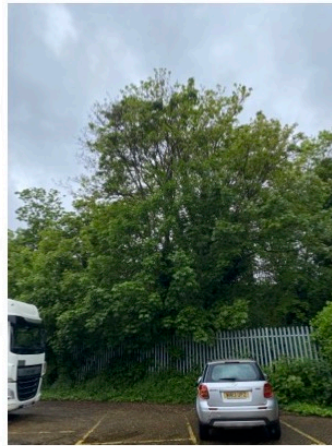
JOB NO AIA/MF/094/24 **DWG NO.** T002

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Marcus Foster
TREE CONSULTANCY

Appendix C: **Tree Survey Photographs**



Tree T1 viewed to west



Tree T1 viewed to west



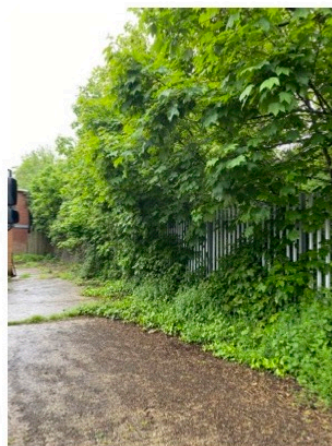
Tree T1 & G2 viewed to north



Tree T1 & G2 viewed to south



Tree T1 & G2 viewed to south



G2 viewed to south

Appendix D: **Tree Protection Notice**

Generic Tree Protection Notice
(BS5837: 2012):

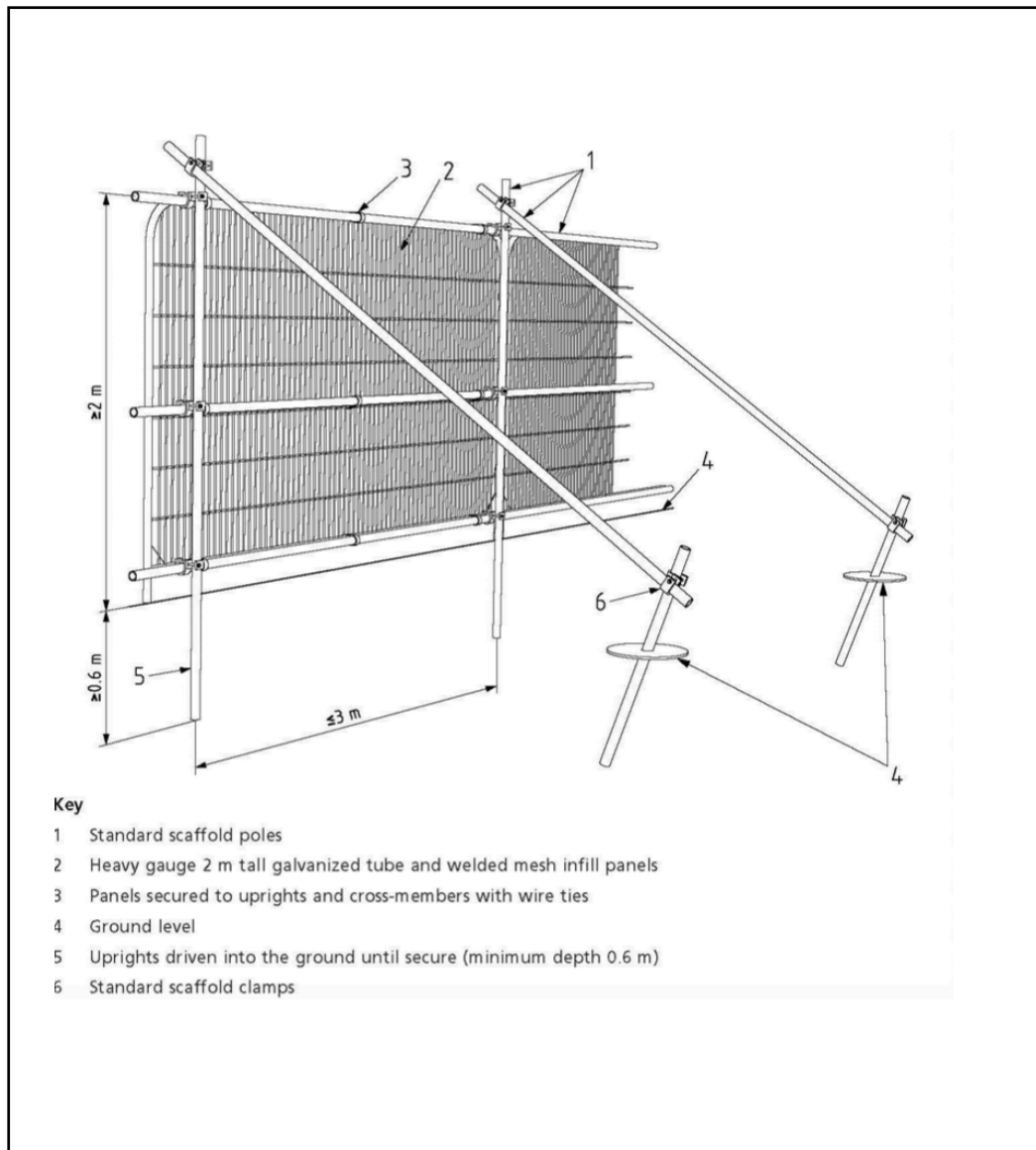
*Notice to be clearly shown on site where
fencing constructed
AT ALL TIMES*



Appendix E

Tree Protection Fencing Specifications

TREE PROTECTION FENCING SPECIFICATION **(FIGURE 2)**



Appendix F: References

1. BS5837: British Standard: Trees in relation to 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)
8. London Plan, Chapter 8 Green Infrastructure and Natural Environment - Policy G7 Woodland and Trees (2021)

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END OF REPORT _ Page 30/30