



# Marcus Foster

## Arboricultural Design & Consultancy

BA (Hons) | NDArb | Techcert (AA) | MArborA

### **TREE SURVEY**

### **BS5837:2012: Trees in Relation to Design, Demolition and Construction - Recommendations**

**DATE OF SURVEY:** 4th September 2024

**SURVEY / REPORT REFERENCE:** AIA/MF/0162/24

**SITE:** 50 Station Road, London, SW13 0LP

**SURVEY UNDERTAKEN BY:** Marcus Foster MArborA

---

### **CONTENTS**

- 1.0 Instructions
- 2.0 Scope of works
- 3.0 Limitations
- 4.0 Statutory Protection
- 5.0 Tree Survey Schedule
- 6.0 Tree Survey Drawings
- 7.0 Tree Survey Photographs

## **1.0 Instructions**

1.1 This report has been commissioned by PaperProjects to undertake a tree survey in accordance with BS5837:2012 survey for for trees within the site and neighbouring / off site locations where within close proximity of the site boundary at 50 Station Road, London, SW13 0LP.

## **2.0 Scope of Works**

2.1 A site visit was conducted on 4th September 2024 to survey and assess the trees. The weather at the time of inspection was overcast with cold temperatures and trees in mid winter mode. The details of the subject trees are set out in the tree survey table. The trees were surveyed on the date and times shown above and the tree survey assessment information for the tree describing size, condition and surroundings are found within this schedule.

2.2 The trees located within the site are shown within drawings T001-T002 and these correspond to the tree survey schedule. These drawings are as follows:

DWG: T001 - Existing Tree Survey

DWG T002 - Tree Constraints Plan (TCP)

2.3 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 Limitations**

3.1 No soil excavations have been carried out.

3.2 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.

3.3 No invasive tools were used during this site survey.

3.4 This report is preliminary and further investigations may be required in order to reach firm conclusions and/or further recommendations for action.

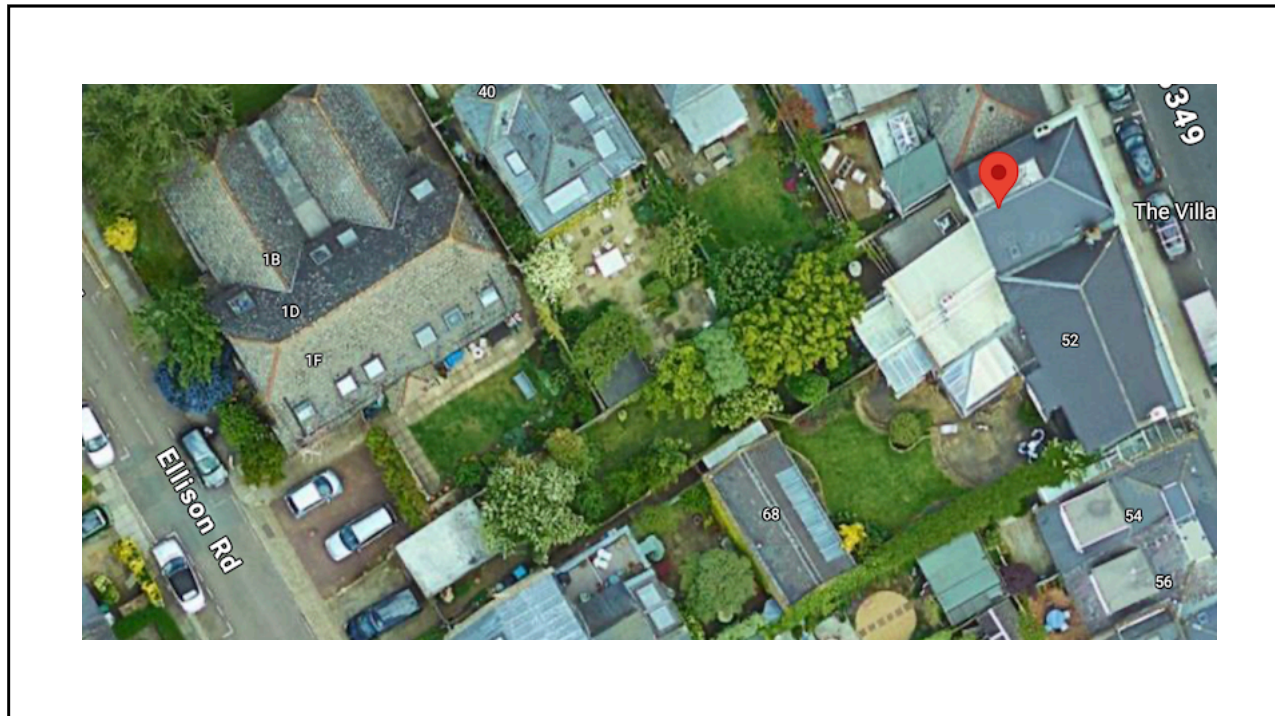
3.5 This survey is undertaken primarily as a survey in accordance with BS5837: 2012 and not a hazard assessment survey.

## 4.0 Statutory Protection

4.1 The following statutory checks have been made in relation to the trees and their protected status

LOCAL PLANNING AUTHORITY London Borough of Richmond upon Thames  
CONSERVATION AREA STATUS Barnes Green Conservation Area  
TREE PRESERVATION ORDER (TPO) STATUS: GIS mapping / checks not available

4.2 The following extracted map confirms the location of the site:



## **5.0 BS5837:2012 Tree Survey Schedule**

51 The survey was fully undertaken by Marcus Foster on 4th September 2024.

### KEY TO TREE SURVEY SCHEDULE

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

- Number: an identity number which cross-references locations shown on the plans
- 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
  - m/s - denotes multi-stemmed with measurement taken of largest stem at base
  - t/s - denotes twin -stemmed with measurement taken of largest stem at base
  - (e) denotes estimate
- 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 - refer to key overleaf
- Protection Distance m2 Area (where applicable – BS5827: 2012)
- Protection Distance Radius (where applicable – BS5827: 2012)

## BS5837:2012 KEY



### 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.



### 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.



### 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.



### 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.

BS5837:2012 TREE SURVEY 50 Station Road, London, SW13 0LP														
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) Over subject site	First canopy height (m) Over subject site	Root Protection Area (RPA) m2	Root Protection Area (RPA) Radius (m)
T1	Cockspur thorn	8	170	3 4 4 4	EM	G	F	C1	10 years +	Ornamental. Low spreading habit. Crown lifted	2.5	2.5	13.08	2.0
T2	Apple	7	140	2 2 1 2	EM	F	F	C1	10 years +	Excessively crown lifted. Crown lifted to north	4.0	3.0	8.87	1.7
T3	Bay laurel	5	150	2 1 2 2	SM	F	F	C1	10 years +	Screening shrub / small tree. Absent east crown. Limited management	2.0	1.5	10.18	1.8
S4	Cherry laurel	5	140	2 2 2 2	SM	F	F	C1	10 years +	Screening shrub growing from boundary wall. Limited management	1.0	1.0	8.87	1.7
T5	Saucer magnolia	5	T/s 120	3 3 3 2	SM	F	F	C1	10 years +	Lean to north east. Twin-stemmed at 0.5m. Ornamental form	1.0	1.0	6.52	1.2
T6	Pittosporum	7	T/s 180	3 2 2 3	EM	F	F	C1	10 years +	Large shrub. Congested union at 0.2m -1.5m with fused stems	2.0	2.0	14.66	2.0
T7	Saucer magnolia	8	290	4 5 4 4	M	G	G	U	Less than 10 years	Mature form. Crown reduced off site to north. Absent north / west crown.	2.0	3.0	38.05	3.5
S8	Elder	4	M/s 100 (e)	2 1 2 1	SM	F	F	C1	10 years +	Off site shrub - 0.5-1.0m overhanging branch lengths at 1.5-2.5m height - minor	1.5	1.5	4.52	1.0
G9	Goat willow	5	M/s 100 (e)	2 1 2 1	SM	F	F	C1	10 years +	Off site grouping beyond 2 no. brick built boundary walls. Screening form; no overhanging crown to site	/	/	/	1.0

## **6.0 BS5837:2012 Tree Survey Drawings**

DWG T001 - Existing Tree Survey

DWG T002 - Tree Constraints Plan (TCP)

Colour Key: BS5837: 2012 (see Section 4.0 for detailed key)

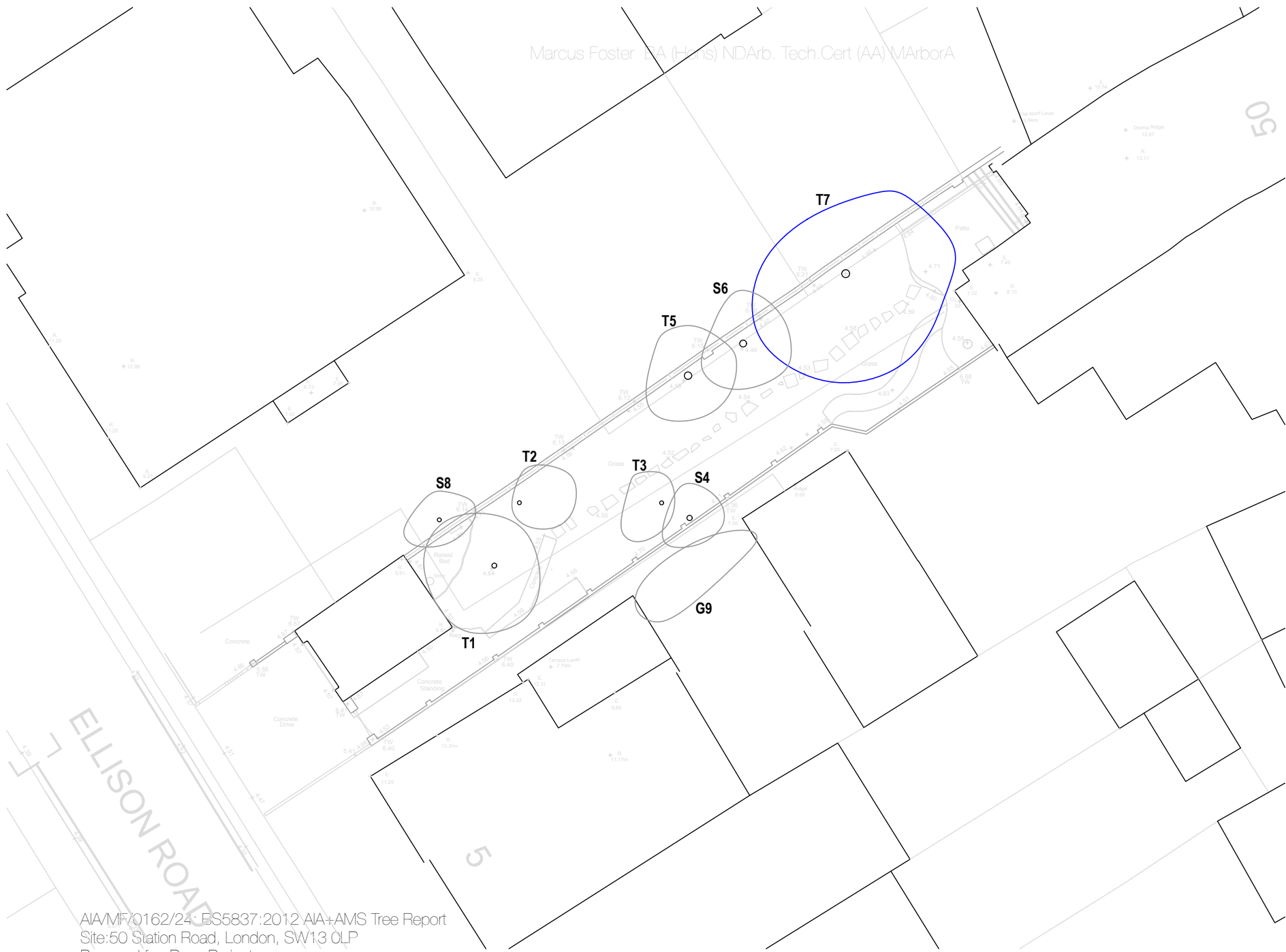
 Category A

 Category B

 Category C

 Category

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.

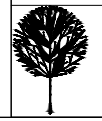
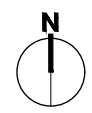
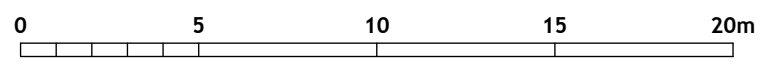
**NOTE:** Tree survey locations based on previous undertaken topographical surveys for design issue and additional GIS mapping has not been undertaken for the purposes of this survey. All off site trees where not plotted within topographic survey information are plotted using on site survey tools from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

**Revisions**

Rev.	Date	Checked
1	06.09.2024	MF

SITE	50 Station Road	
CLIENT	PaperProjects	
DWG TITLE	Existing Tree Survey Plan	
SCALE	DATE	
1:150 @ A3	SEP 2024	
JOB NO	DWG NO.	
AIA/MF/0162/24	T001	

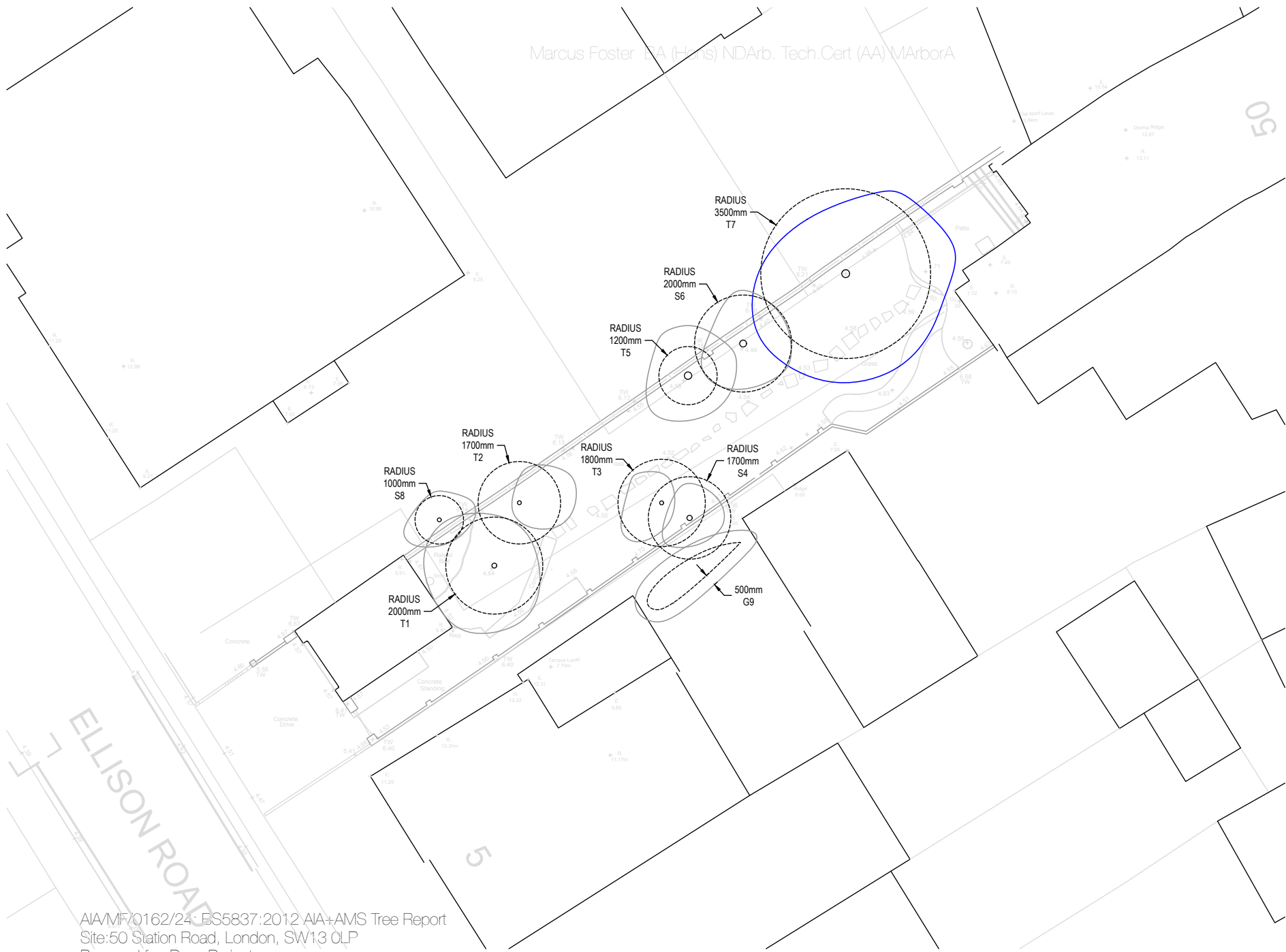
AIA/MF/0162/24 BS5837:2012 AIA+AMS Tree Report  
 Site: 50 Station Road, London, SW13 0LP  
 Prepared for: PaperProjects  
 Date: September 2024



T: 0781 2024070  
 mail@marcus-foster.com  
 www.marcus-foster.com  
**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.

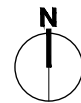
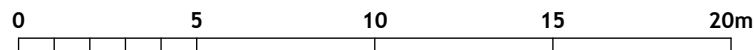
**NOTE:** Tree survey locations based on previous undertaken topographical surveys for design issue and additional GIS mapping has not been undertaken for the purposes of this survey. All off site trees where not plotted within topographic survey information are plotted using on site survey tools from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

**Revisions**

Rev.	Date	Checked
1	06.09.2024	MF

SITE	50 Station Road	
CLIENT	PaperProjects	
DWG TITLE	Tree Constraints Plan	
SCALE	DATE	
1:150 @ A3	SEP 2024	
JOB NO	DWG NO.	
AIA/MF/0162/24	T002	

AIA/MF/0162/24 BS5837:2012 AIA+AMS Tree Report  
 Site: 50 Station Road, London, SW13 0LP  
 Prepared for: PaperProjects  
 Date: September 2024



T: 0781 2024070  
 mail@marcus-foster.com  
 www.marcus-foster.com  
**Marcus Foster**  
 TREE CONSULTANCY

## 7.0 BS5837:2012 Tree Survey Photographs



T1-S4 & S7 viewed to east



T2 viewed to north east



T1-S4 viewed to east



T2-T5 viewed to west



T7 viewed to east



Group G8 viewed to south



T5-T7 viewed to east

## **References**

1. Principles of Tree Hazard Assessment and Management, Lonsdale, D. (Department for Transport, Local Government and the Regions, 1999)
2. The Body Language of Trees, Mattheck, C. and Breloer, H. (HMSO, 1994)
3. Trees in Britain, Phillips, R. (Pan Books, 1978)
4. Diagnosis of Ill Health in Trees, Strouts, R. and Winter, (TSO, 1994)
5. BS3998: Tree Work – Recommendations (2010)
6. BS5837: Trees in relation to design, demolition and construction (2012)