

## TREE SURVEY SCHEDULE

**Site Address:** 21 Swakeleys Drive, Ickenham, Uxbridge, UB10 8QB

**Prepared For:** Mr A Shareef

**Reference:** MDJAC-23.019-TSS-01

**Survey date:** 06/03/2023

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## BS5837:2012 Tree Survey Schedule - Explanatory Notes

This document is based on a site visit and inspection undertaken by Matt Jones of MDJ Arboricultural Consultancy Ltd on 06/03/2023; deciduous trees were not in leaf.

The dimensions and assessments of the trees contained within this document reflect their condition at the time of the survey. I surveyed the trees from within the boundaries of the site only. The presence of additional physiological or structural defects that are only visible from restricted-access viewpoints cannot be discounted.

All trees were surveyed from ground level only, aided by the use of binoculars where considered necessary. The information contained within this document does not constitute a full hazard or risk assessment, and therefore MDJ Arboricultural Consultancy Ltd makes no guarantee of their stability or safety.

### **1. Tree no.**

Individual number assigned to the tree for identification, commencing at 1.

### **2. Species**

Common and botanical names are provided. Botanical names are shown in italics.

### **3. Height**

Measured using a clinometer or laser rangefinder, given in metres.

### **4. Trunk diameter**

Trunk diameter measured at 1.5m, unless stated otherwise, in accordance with Figure C.1 of British Standard BS 5837:2012 "*Trees in relation to design, demolition and construction - Recommendations*".

### **5. Radial crown spread**

Extent of branches from the centre of the trunk to the tips in the principal cardinal directions, rounded up to the closest half metre. For trees with symmetrical canopies, an average measurement is provided.

### **6. Crown clearance**

Height above ground level of the lowest live branch, in metres.

### **7. Height to first branch**

Height above ground level of the origin of the lowest branch, in metres.

### **8. Age class**

**Young:** recently planted, or yet-to-be established specimen, usually below 10m in height, subject to species characteristics;

**Semi-mature:** a recently established specimen, usually with excurrent morphology, and yet-to-reach its ultimate proportions, subject to species characteristics;

**Mature:** fully established, complex, decurrent or broad branching structure, and has achieved or is nearing its ultimate proportions, subject to environmental conditions and species characteristics;

**Over-mature:** has reached maturity, but is showing symptoms of minor decline within its canopy;

**Veteran:** has a large trunk diameter for its species, but displays evidence of veteranisation such as fungal colonisation, decay, hollowing, and has commenced retrenchment within its canopy;

**Ancient:** exceeds the typical size and age of the species, with a very large trunk diameter; with extensive fungal colonisation, decay, hollowing and veteran characteristics; has undergone significant retrenchment and is within the latter stages of life.

### **9. Physiology**

General health and biological function, taking into account a healthy specimen of its size, age, species and location.

### **10. Structure**

Structural condition of the tree, based on root (visible portions only), basal, trunk, stem and branch morphology.

**Good:** No morphological defects and no fungal or bacterial colonisation;

**Fair:** only minor morphological defects and a very low likelihood of failure; no pathological colonisation;

**Poor:** irremediable and significant morphological defects, leading to an increased likelihood of failure.

### **11. Comments**

Comments have been made where appropriate.

### **12. BS5837:2012 Category**

Category assigned to the tree, based on its arboricultural quality, arboricultural landscape value and potential, in accordance with Table 1 of British Standard BS 5837:2012 "*Trees in relation to design, demolition and construction - Recommendations*".

### **13. RPA radius**

Radius of the root protection area, based on the trunk diameter of the tree, in accordance with Section 4.6 of British Standard BS 5837:2012 "*Trees in relation to design, demolition and construction - Recommendations*".

**Table 1: Cascade chart for tree quality assessment**

Category and definition	Criteria			Identification on plan
<b>Trees unsuitable for retention</b>				
<b>Category U</b>  Those 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	Trees that have serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning)  Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline  Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality			
<b>Trees to be considered for retention</b>				
	<b>1. Mainly arboricultural qualities</b>	<b>2. Mainly landscape qualities</b>	<b>3. Mainly cultural values, including conservation</b>	
<b>Category A</b>  <b>Trees of high quality</b> with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	<b>Green</b>
<b>Category B</b>  <b>Trees of moderate quality</b> with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	Trees with material conservation or other cultural value	<b>Blue</b>
<b>Category C</b>  <b>Trees of low quality</b> with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value	<b>Grey</b>

### Tree Survey Schedule

No.	Common name	Height [m]	Trunk diameter [mm]	Radial Crown Spread [m]	Height to 1st Branch [m]	Crown Clearance [m]	Age class	Physiology	Structure	Comments	Category	RPA Radius [m]
T1	Monterey cypress	20	1100 (est.)	N8.75m E8.75m S8.75m W8.75m	4	5	Mature	Good	Fair	Off-site tree. Multi-stemmed from 2.5m. Well-balanced, symmetrical canopy. Of moderate quality and landscape value.	B (1)	13.2
T2	Common ash	11	200 200 180 170 160 (all est.)	N3.25m E3.25m S3.25m W2.5m	2.5	2	Semi-mature	Fair	Fair	Off-site tree. Multi-stemmed from base. No evidence of Ash Dieback Disease. Of moderate quality but of low landscape value.	C (1)	4.9
<b>Groups of trees</b>												
G3	Common holly, Cherry laurel	5-6 (est.)	150 (est. avg.)	See plan	1	1	Semi-mature	Fair	Fair	Group of trees previously planted to form a screen. Average radial crown spread of 5m. No suggestion of past management.	C (1)	See plan
G4	Various	5 (est.)	75 (est.)	See plan	0.5	0.5	Young	Fair	Fair	Species predominantly include yew, cypress and holly. Linear belt of small planted trees largely below the size threshold for inclusion in BS5837:2012 survey. Of some screening benefit.	C (1)	See plan