

TREE SURVEY IN ACCORDANCE WITH BRITISH STANDARD 5837:2012 'TREES IN RELATION TO DESIGN, DEMOLITION & CONSTRUCTION - RECOMMENDATIONS'

CLIENT: Camden Council

PROJECT REF: 21745.24

SITE: West Kentish Town Estate, London NW5 4LS

CONTACT: /

SURVEY DATE: 17 January 2024

ARB CONSULTANT: Andrew Turnbull FDS Sc MA ArborA

TREE REF. #	SPECIES	AGE	HEIGHT (in m)	CANOPY (in m) N - S - E - W	STEM (in mm)	RPA (in m)	CLEARANCE (in m)	1st BRANCH (in m)	VITALITY	LIFE EXPEC.	NOTES	BS CAT.	MANAGEMENT
EX1	Snowy Mespilus: Amelanchier Lamarckii	Y	3.5	≤ 0.75m all around	< 75	0.9	1.5	1.5m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag.	C 1	
EX2	Snowy Mespilus: 'Robin Hill'	Y	4.5	≤ 0.5m all around	< 75	0.9	1.5	1.5m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag.	C 1	
EX3	Snowy Mespilus: 'Robin Hill'	Y	4.5	≤ 0.75m all around	< 75	0.9	1.5	1.5m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag.	C 1	
EX4	Snowy Mespilus: Amelanchier Lamarckii	Y	3.5	≤ 0.75m all around	< 75	0.9	1.5	1.5m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag.	C 1	
EX5	Snowy Mespilus: Amelanchier Lamarckii	Y	4.5	≤ 0.5m all around	< 75	0.9	1.5	1.5m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag.	C 1	
EX6	Persian Ironwood: Parrotia Persica	Y	3	≤ 0.75m all around	< 75	0.9	0	/	Fair	40 +	Newly planted street tree, double stake and tie, mulch and water bag, dominant leader tip pruned with apically dominant lateral growth leader to roadside.	C 1	
EX7	Lagerstroemia indica 'Rosea'	Y	3.5	≤ 0.5m all around	< 75	0.9	1.5	2m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag, multiple stems at 2m.	C 1	
EX8	Persian Ironwood: Parrotia Persica	Y	2.5	≤ 0.75m all around	< 75	0.9	0	/	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag, no dominant leader.	C 1	
EX9	Sweet Gum; Liquidambar styraciflua 'Warplesdon'	Y	4.5	≤ 0.75m all around	< 75	0.9	1	1.5m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag.	C 1	
EX10	Zelkova serrata 'Green Vase'	Y	4.5	≤ 1m all around	< 75	0.9	1.5	1.5m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag.	C 1	
EX11	Sweet Gum; Liquidambar styraciflua 'Warplesdon'	Y	4.5	≤ 0.75m all around	< 75	0.9	1	1.5m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag.	C 1	
EX12	Zelkova serrata 'Green Vase'	Y	4.5	≤ 0.75m all around	< 75	0.9	1.5	1.5m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag.	C 1	
EX13	Zelkova serrata 'Green Vase'	Y	5	≤ 0.75m all around	< 75	0.9	1.5	1.5m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag.	C 1	
EX14	Sweet Gum; Liquidambar styraciflua 'Warplesdon'	Y	4.5	≤ 0.75m all around	< 75	0.9	1	1m - all round	Normal	40 +	Newly planted street tree, double stake and tie, mulch and water bag.	C 1	

TREE SURVEY 'KEY' - BRITISH STANDARD 5837:2012 'TREES IN RELATION TO DESIGN, DEMOLITION & CONSTRUCTION - RECOMMENDATIONS'

TPO/CA	- On client request: presence of Tree Preservation Orders (TPO) / site location within a Conservation Area (CA) & date checked;
TREE REF. #	- Tree reference number: tag or plan number (T - individual tree, G - group of trees/shrubs, H - hedge);
SPECIES	- Genus, species and/or common name;
AGE	- Age classification (NP - new planting, Y - young, EM - Early-Mature, SM - semi mature, M - mature, LM - late mature, OM - over mature);
HEIGHT (in m)	- Approximate height of tree in metres;
CANOPY (in m) N - S - E - W	- Approximate branch spread in metres of the four principal compass points;
STEM (in mm)	- Stem diameter in millimetres: measured in accordance with s.4.6 of BS5837;
RPA (in m)	- Circle radius of the Root Protection Area: calculated using the stem diameter (single/multiple stem variant, as outlined within BS5837);
CLEARANCE (in m)	- Crown clearance in metres above the adjacent ground level;
1ST BRANCH (in m)	- Clearance in metres to first significant branch and direction of growth (where relevant);
VITALITY	- Physiological condition typically gauged from canopy cover and annual extension growth (good, fair, poor, dead);
ESTIMATED REMAINING CONTRIBUTION	- Approximate number of years a tree will continue to contribute without the need for oppressive arboricultural intervention, categorised in years as <10, 10-20, 20-40 and >40;
NOTES	- Structural and physiological condition observations;
BS CAT.	- BS5837 tree quality assessment category: resulting from structural/physiological condition and remaining contribution (approximate useful life expectancy); - Standard retention category U: in such a condition that any existing value would be lost within 10 years; - Standard retention category A: high quality and value, in such a condition as to be able to make substantial contribution of 40+ years; - Standard retention category B: moderate quality and value, in such a condition as to make a significant contribution of 20+ years; - Standard retention category C: low quality and value, currently in adequate condition to remain until new planting could be established 10+ years; - Standard retention sub-category, mainly due to: 1- Arboricultural values, 2- Landscape values, 3- Cultural values, including conservation;
MANAGEMENT	- Preliminary management recommendations (as appropriate);
***	- Within the survey schedule denotes an estimate