

HEADINGS & ABBREVIATIONS

TREE NO.	REFERENCE NUMBER. REFER TO PLAN OR NUMBERED TAGS WHERE APPLICABLE
SPECIES:	COMMON NAME (LATIN NAMES AVAILABLE ON REQUEST)
AGE RANGE/LIFE STAGE:	Y = YOUNG, SM = SEMI MATURE, EM = EARLY MATURE, M = MATURE, PM = POST MATURE
HEIGHT:	ESTIMATED AND RECORDED IN METRES. APPROXIMATELY 1 IN 10 TREES ARE MEASURED USING A CLINOMETER AND THE REMAINDER ESTIMATED AGAINST THE MEASURED TREES
CROWN SPREAD:	MAXIMUM CROWN RADIUS MEASURED TO THE FOUR CARDINAL COMPASS POINTS FOR SINGLE SPECIMENS ONLY (MEASUREMENT FOR TREE GROUPS - MAXIMUM RADIUS OF THE GROUP)
CROWN CLEARANCE & DIRECTION OF GROWTH:	HEIGHT IN METERS OF CROWN CLEARANCE ABOVE ADJACENT GROUND LEVEL (TO INFORM ON GROUND CLEARANCE, CROWN/STEM RATIO AND SHADING)
STEM DIA/MULTI-STEM DIA:	STEM DIAMETER - MEASURED AT APPROXIMATELY 1.5 METRES ABOVE GROUND LEVEL OR A COMBINATION OF STEMS FOR MULTI-STEMMED TREES
VITALITY:	A MEASURE OF PHYSIOLOGICAL CONDITION. D = DEAD, MD = MORIBUND, P = POOR, M = MODERATE, G = GOOD
ESTIMATED REMAINING CONTRIBUTION:	RELATIVE USEFUL LIFE EXPECTANCY (YEARS)
BS 5837 CATEGORY & SUB-CATEGORY GRADING:	A = HIGH QUALITY AND VALUE, B = MODERATE QUALITY AND VALUE, C = LOW QUALITY AND VALUE, U = UNSUITABLE FOR RETENTION: SUB-CATEGORY REFERS TO ARBORICULTURAL (1), LANDSCAPE (2) & CULTURAL/CONSERVATION VALUES (3).
BS 5837 RPA:	ROOT PROTECTION AREA - BS 5837 (2012) ANNEX D (THE RECOMMENDATIONS STATE THAT THE RPA SHOULD BE CAPPED AT 707 M ²)
BS 5837 RADIUS:	PROTECTIVE DISTANCE - RADIUS FROM THE CENTRE OF THE STEM TO THE LINE OF TREE PROTECTION (CONSTRUCTION EXCLUSION ZONE - CEZ) AND PROTECTIVE BARRIER

SITE:	11 Briardale Gardens, NW3 7PN
CLIENT:	Mr & Mrs Burns
BRIEF:	CARRY OUT A PHASE I ARBORICULTURAL IMPACT (<i>TREE CONSTRAINT</i>) ASSESSMENT ON THE PROPOSED DEVELOPMENT AT THE ABOVE SITE.

SURVEYOR:	R. Ball & A. Nadkarni (Fabricspace): key spot tree locations were tape & laser measured
ASSESSMENT DATE:	20/03/2019
VIEWING CONDITIONS:	CLOUDY
JOB REFERENCE:	101 351

To be read in conjunction with the appended photo at the end of the survey

TREE HEDGE GROUP NO.	SPECIES (COMMON NAME)	AGE RANGE/ LIFE STAGE	HEIGHT (m)	RADIAL CROWN SPREAD (m)				CROWN CLEARANCE & DIRECTION OF GROWTH (m)	STEM/ MULTI-STEM* DIA. (mm)	VITALITY	COMMENTS/STRUCTURAL MORPHOLOGY	PRELIMINARY MANAGEMENT	CATEGORY & SUB-CATEGORY GRADING BS 5837	BS 5837 RPA RADIUS (m)	BS 5837 RPA (m ²)
				N	E	S	W								
T1	Ash <i>Laser measured</i>	EM	9.0	1.8	1.5	4.0	2.2	2.5	128	N	<ul style="list-style-type: none"> At approx.1.3m high the trunk is heavily kinked (almost 90°) likely due to heavy shading from the adjacent elderberry T2. Low and mid-crowns shaded out by underlying large 3m high sprawling <i>Elaeagnus</i> shrub 	None at time of survey (NATS)	C2	1.5	7.4
T2	Elderberry	M	7.5	1.8	2.0	4.0	4.0	1.4	* 180; 170	N	<ul style="list-style-type: none"> Highly suppressed by the adjacent cypresses T7 & T8. As a result the crown is unbalanced and weighted to the south. 	NATS	C2	2.9	27.7
T3	Ash <i>Taped measured from house</i>	SM	9.5	1.8	1.5	2.0	2.0	3.5	130	N	<ul style="list-style-type: none"> Average etiolated crown form 	NATS	C2	1.5	7.6
T4	Silver Birch <i>Laser measured</i>	EM	9.0	2.5	3	3	3	3.8	158	N	<ul style="list-style-type: none"> Low and mid-crown suppressed by underlying sprawling 2.5m high <i>Berberis</i>. Otherwise an average tree. 	NATS	C2	1.9	11.3
T5	Lime <i>Third-party tree with no access to fully survey</i>	M	14.0	7	5	6	5	? <i>Distal tree</i>	Est. 700	N	<ul style="list-style-type: none"> Heavily topped in past 	? See access	C2(?) See access	8.4	221.6
T6	Cherry Laurel <i>Third-party large shrub with no access to fully survey</i>	EM	8.0	2.5	2.5	2.5	2.5	3.0	Est. 320; 150	N	<ul style="list-style-type: none"> Average large shrub 	? See access	C2(?) See access	4.2	56.5

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				N	E	S	W								
T7	Lawson Cypress <i>Third-party tree with no access to fully survey</i>	EM	18.0	3.0	3.0	3.0	3.0	4.0	Est. 480	N	<ul style="list-style-type: none"> Poor co-dominate trunk form (progressive structural defect). Competing crown with T8. <i>Laser measured from fence-line</i> 	? See access	C2(?) See access	5.7	104.2
T8	Lawson Cypress <i>Third-party tree with no access to fully survey</i>	EM	14.0	3.0	3.0	3.0	3.0	1.8	Est. 420	N	<ul style="list-style-type: none"> Trunk constricted with 'support rope'. Competing crown with T7. <i>Laser measured from fence-line</i> 	Advise owner within 2-3 months to review constricting rope	C2(?) See access	5.1	79.8
T9	Privet <i>Third-party large shrub with no access to fully survey</i>	M	8.0	5	4	5	2.5	2.0	Est. * 150; 150; 120 x 3; 3 x 90	N	<ul style="list-style-type: none"> Crown suppressed on west side by T8 	? See access	C2(?) See access	4.2	55.4
T10	English Oak <i>Third-party tree with no access to fully survey</i>	M	18.0	6	6	7	4	? See access	Est. 800	N	<ul style="list-style-type: none"> Leaning trunk form. Suppressed crown form but still a significant tree in the immediate locale 	? See access	B2(?) See access	10.8	366.4
T11	Lawson Cypress <i>Third-party tree with no access to fully survey</i>	SM	5.0	1.5	1.5	1.8	1.8	1.8	Est. 180	N	<ul style="list-style-type: none"> Trunk constricted with 'support rope'. Heavily suppressed crown form 	Advise owner within 2-3 months to review constricting rope	C2(?) See access	2.1	14.6
T12	Sycamore <i>Third-party tree with no access to fully survey</i>	EM	19.0	5	4	5	4	? See access	Est. 500	N	<ul style="list-style-type: none"> Suppressed by flanking trees 	? See access	C2(?) See access	6.0	113.1

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T13	Horse Chestnut (?) <i>Third-party distal tree with no access to fully survey</i>	M	24.0	9	9	9	4	? See access	Est. 1000	N	• Dominate tree in the immediate locale	? See access	B2(?) See access	12.0	452.3
T14	Lawson Cypress <i>Third-party tree with no access to fully survey</i>	EM	17.0	3	4	4	4	? See access	Est. 350	N	• Suppressed by T15	? See access	C2(?) See access	4.2	55.4
T15	False Acacia <i>Third-party tree with no access to fully survey</i>	EM	19.0	5	5	5	5	? See access	Est. 600	N	• As viewed from within the site, the low and mid-crowns appear to be shaded out by T14	? See access	C2(?) See access	7.2	162.8

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Photo to show rear garden of subject site as viewed from the upper rear window
Strawberry Tree in foreground (right-hand side) with *Elaeagnus* shrub on left-hand side
In photo mid-ground ash T1 on left-hand, with silver birch T4 on right-hand side and ash T3 in the middle
Cypresses T7 & T8 (unified crown) in background

