

TREE SURVEY SCHEDULE (BS5837: 2012)

Tree Solutions

Arboricultural Consultants

SITE:	ROBINWOOD ACTIVITY CENTRE, CROSS LANE, WREXHAM
CLIENT:	ROBINWOOD ACTIVITY CENTRE LTD
BRIEF:	ARBORICULTURAL IMPACT ASSESSMENT

SURVEYOR:	A. HENDERSON
ASSESSMENT DATE:	21 NOV 2022
VIEWING CONDITIONS:	GOOD
JOB REFERENCE:	22/AIA/WXM/309

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TREE NO. T - Tree G - Group H - Hedge	SPECIES (COMMON NAME)	AGE	HEIGHT (m) + CROWN CLEARANCE/ DIRECTION OF GROWTH (N.S.E.W)	RADIAL CROWN SPREAD (m)				STEM/ MULTI-STEM* DIA. (mm)	VITALITY	COMMENTS	MANAGEMENT	CATEGORY & SUB-CATEGORY GRADING BS 5837	BS 5837 RADIUS (m) RPA (m²)
				N	S	E	W						
T1	Oak	M	18 5E	7	9.5	8.5	7.5	1030	M/G	- Large prominent tree - Reduced vigour with tip dieback throughout crown - Garage and tarmac hard standing over primary rooting area - E.R.C. 20+	Reduce crown by 2m back to suitable inner sub-lateral growth	B2	12.3 480m²
T2	Whitebeam	SM	9	2	3	2.5	3.5	200	M	- Small insignificant tree - No loss in amenity if removed - E.R.C.10	Remove for development	C2	2.4 18m²
T3	Yew	M	15	2.5	2	3.5	3.5	500	M	- No obvious defects - E.R.C.20	No works	B2	6 113m²
T4	Lime	M	600	6	7	5	6	790	G	- Large prominent tree - No obvious defects - E.R.C.40	No works	A2	9.5 282m²
T5	Oak	FM	13	9	9	4	5	1250+	G	- Important tree to site - Recent pruning works - E.R.C.40+	No works	A2	15 707m²
T6	Sycamore	EM	15	5	5	5	5	500	G	- Ivy clad self-set edge tree - E.R.C.20	No works	B2	6 113m²
G1	Oak/Holly	SM	≤9	2	3.5	1.5	4	≤200	G	- Small insignificant trees - E.R.C.10+	No works	C3	2.4 18m²

HEADINGS & ABBREVIATIONS

TREE NO.
SPECIES:
AGE RANGE/LIFE STAGE:
HEIGHT:
CROWN SPREAD:
CROWN CLEARANCE & DIRECTION OF GROWTH:
STEM DIA/MULTI-STEM DIA:
VITALITY:
E.R.C. = ESTIMATED REMAINING CONTRIBUTION:
BS 5837 CATEGORY & SUB-CATEGORY GRADING:
BS 5837 RADIUS & BS 5837 RPA:

REFERENCE NUMBER. REFER TO PLAN OR NUMBERED TAGS WHERE APPLICABLE (T = TREE, G = GROUP, H = HEDGE)
COMMON NAME (LATIN NAMES AVAILABLE ON REQUEST)
Y = YOUNG, SM = SEMI MATURE, EM = EARLY MATURE, M = MATURE, PM = POST MATURE
ESTIMATED AND RECORDED IN METRES. APPROXIMATELY 1 IN 10 TREES ARE MEASURED USING A CLINOMETER AND THE REMAINDER ESTIMATED AGAINST THE MEASURED TREES
MAXIMUM CROWN RADIUS MEASURED TO THE FOUR CARDINAL COMPASS POINTS FOR SINGLE SPECIMENS ONLY (MEASUREMENT FOR TREE GROUPS - MAXIMUM RADIUS OF THE GROUP)
HEIGHT IN METERS OF CROWN CLEARANCE ABOVE ADJACENT GROUND LEVEL (TO INFORM ON GROUND CLEARANCE, CROWN/STEM RATIO AND SHADING)
STEM DIAMETER - MEASURED AT APPROXIMATELY 1.5 METRES ABOVE GROUND LEVEL OR A COMBINATION OF STEMS FOR MULTI-STEMMED TREES
A MEASURE OF PHYSIOLOGICAL CONDITION. D = DEAD, MD = MORIBUND, P = POOR, M = MODERATE, G = GOOD
RELATIVE USEFUL LIFE EXPECTANCY (YEARS)
A = HIGH QUALITY AND VALUE, B = MODERATE QUALITY AND VALUE, C = LOW QUALITY AND VALUE, U = UNSUITABLE FOR RETENTION (SUB-CATEGORY REFERS TO ARBORICULTURAL, LANDSCAPE AND CULTURAL/CONSERVATION VALUES)
PROTECTIVE DISTANCE - RADIUS FROM THE CENTRE OF THE STEM TO THE LINE OF TREE PROTECTION (CONSTRUCTION EXCLUSION ZONE - CEZ) AND PROTECTIVE BARRIER ROOT PROTECTION AREA - BS 5837 (2012) ANNEX D (THE RECOMMENDATIONS STATE THAT THE RPA SHOULD BE CAPPED AT 707 M²) NOTE - ALL CALCULATIONS ROUNDED TO NEAREST DECIMAL

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				N	S	E	W						
G2	Sycamore x 2	EM	≤10	2.5	2	1.5	2	≤200	G	- Self-set trees of no existing or future value/viability - E.R.C.10	No works	C2	2.4 18m²