

TREE SURVEY SCHEDULE (BS5837: 2012)												Tree Solutions										
												Arboricultural Consultants										
Site										LAND AT HOLLY OAK GARDENS, HEYWOOD										Surveyor	RUSSELL REARCE	Page 1 of 2
Client										ARMSTRONG PROJECTS LIMITED										Assessment Dates	23.06.2025	
Brief										ARBORICULTURAL IMPACT ASSESSMENT										Viewing Conditions	CLEAR	
																				Job Reference	25/AIA/ROCH/07	
Tree Number	Name	Age	Height (m)	Crown clear	North	East	South	West	Diameter (mm)	Vitality	Comments	E.R.C	Management	Category	RPA (m)	RPA (m²)						
T1	Lime	M	16	1	6.5	6	5.5	4	570	Good	Prominent tree of high aesthetic value. Dense crown. Part of linear group. Lower crown obstructing footpath.	40	No action required	A2	6.8	147						
T2	Lime	M	17	4	5	3	4.5	3	560	Good	Prominent tree of high aesthetic value. Dense crown. Part of linear group. Crown asymmetry due to proximity of adjacent trees. Lower crown obstructing footpath.	40	No action required	A2	6.7	141						
T3	Lime	M	17	1	3.5	5	6.5	4.5	610	Good	Prominent tree of high aesthetic value. Dense crown. Part of linear group. Low branches obstructing footpath. Multiple occluded pruning wounds. Lower crown obstructing footpath.	40	No action required	A2	7.3	168						
T4	Lime	M	17	1	5.5	6.5	3.5	3.5	620	Good	Asymmetric crown due to proximity of adjacent trees. Minor deadwood throughout. Acute primary union at 5m.	40	No action required	A2	7.4	173						
T5	Lime	M	17	1	6	6.5	8	5	660	Good	balanced crown. Multiple occluded pruning wounds. Minor deadwood throughout.	40	No action required	A2	7.9	197						
T6	Lime	M	16	1	3	4	7	4	610	Good	Prominent tree of high aesthetic value. Dense crown. Part of linear group. Asymmetric crown due to proximity of adjacent trees. Ivy covered stem. Moderate deadwood within crown. Lower crown obstructing footpath.	40	No action required	A2	7.3	168						
T7	Lime	M	16	1	2.5	3.5	5	4	540	Good	Asymmetric crown due to proximity of adjacent trees. Minor deadwood throughout. Multiple occluded pruning wounds from previous crown lifts. Lower crown obstructing footpath.	40	No action required	A2	6.5	132						
T8	Lime	M	6	1	4	3	6	6	490	Good	Minor crown asymmetry due to proximity of adjacent trees. Multiple occluded pruning wounds from previous crown lifts. Low crown obstructing footpath.	40	No action required	A2	5.9	109						
T9	Lime	M	19	1	3.5	4	6	4	680	Good	Crown asymmetry possibly due to recent removal of adjacent tree. Codominant bifurcation at 6m.	40	No action required	A2	8.2	209						
T10	Lime	M	18	2	2	4.5	5.5	3	700	Good	Prominent tree of high aesthetic value. Minor stem lean to South. Codominant bifurcation at 8m. Limited access to stem - dense brambles and thistles. Slender stems distal to bifurcation.	40	No action required	A2	8.4	221						
T11	Lime	M	19	2	6	6	7	3	630	Good	Prominent tree of high aesthetic value. No access to stem. Dense vegetation. DBH estimated. Asymmetric crown due to proximity of large adjacent sycamore. Centre of gravity to East.	40	No action required	A2	7.5	179						
HEADINGS & ABBREVIATIONS																						
TREE NO.				REFERENCE NUMBER. REFER TO PLAN OR NUMBERED TAGS WHERE APPLICABLE (T = TREE, G = GROUP, H = HEDGE)																		
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																		
E.R.C. - 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, LANDSCAPE AND CULTURAL/CONSERVATION VALUES)																		
BS 5837 RADIUS & BS 5837 RPA:				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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											Job Reference	22/AIA/ROCH/07					
Tree Number	Name	Age	Height (m)	Crown clear	North	East	South	West	Diameter (mm)	Vitality	Comments	E.R.C	Management	Category	RPA (m)	RPA (m²)	
T12	Sycamore	EM	16	7	7.5	5	2	6	570	Good	No access to stem - dense vegetation. Dense ivy covering stem, including primary unions at 7m. Asymmetric crown due to proximity of adjacent trees.	20	No action required	B2	6.8	147	
T13	Sycamore	M	18	6	7	8	8	10	770	Good	Open balanced spreading crown. Multiple partially occluded pruning wounds from previous crown lifts. Limited access to stem due to dense vegetation. Dominant trees. High aesthetic value. Good specimen.	40	No action required	A2	9.2	268	
T14	Cherry Laurel	SM	6	0	3	2	3	3	270	Good	3rd party tree. Multi-stemmed at base. DBH estimated. No defects noted.	10+	No action required	C1	3.2	33	
T15	Lime	EM	16	2	6	4	4	4	580	Good	3rd party tree. DBH estimated. Tree stem with minor lean to North. Dense foliage, particularly in lower crown.	40	No action required	B2	6.9	152	
T16	Sycamore	M	14	1	8	8	7	4.5	560	Good	Dense vegetation and brambles prevented access to stem. DBH estimated. Codominant bifurcation at 3m. Open balanced spreading crown. Minor reduction in crown density. Multiple occluded and partially occluded pruning wounds.	40	No action required	B2	6.7	142	
T17	Japanese Acer Palmatum	EM	4	1	4	4	3	4	190 220 210	Good	3rd party tree. Good aesthetic value. Multi-stemmed at base. Partially occluded stem wound at 1m.	40	No action required	B2	4.3	58	
T18	Sycamore	EM	15	5	8	4	4.5	6	550	Moderate	Reduced crown density. Asymmetric crown with centre of gravity to NW. Slender phototropic form. Tree recently removed from E. Some localised lions tailing. Minor basal sweep to north. Multiple partially occluded and occluded pruning wounds.	20	No action required	B2	6.6	136	
T19	Sycamore	EM	17	3	11	7	3	4.5	630	Moderate	Reduced crown density. Moderate deadwood within crown. Localised lions tailing. Ivy covering stem base. Multiple occluded and partially occluded pruning wounds.	20	No action required	B2	7.5	180	
G1	Leyland Cypress	SM	7	1	2.5	2.5	2.5	2.5	270	Good	3rd party trees. Dimensions estimated. No defects noted. Lapsed linear hedgerow group.	10+	No action required	C2	3.2	33	
H1	Common Privet	SM								Good	Lapsed management	10+	No action required		N/A	N/A	

Table 1 Cascade chart for tree quality assessment

Category and definition	Criteria (including subcategories where appropriate)			Identification on plan
Trees unsuitable for retention (see Note)				
Category U 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 a 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 <i>NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7.</i>			See Table 2
	1 Mainly arboricultural qualities	2 Mainly landscape qualities	3 Mainly cultural values, including conservation	
Trees to be considered for retention				
Category A Trees of high quality 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)	See Table 2
Category B Trees of moderate quality 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	See Table 2
Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm	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 this 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	See Table 2