Tree Solutions

Arboricultural Consultants

TREE SURVEY SCHEDULE (BS5837: 2012)

SITE:	LAND AT DOBFIELD HOUSE, ROCHDALE, OL16 3AW
CLIENT:	MR J BULLOCK
BRIEF:	TREE SURVEY & ARBORICULTURAL IMPACT ASSESSMENT

SURVEYOR:	A. HENDERSON
ASSESSMENT DATE:	12/09/2019
VIEWING CONDITIONS:	GOOD
JOB REFERENCE:	19/AIA/ROCHDALE/06

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) N	S	E	W	STEM/ MULTI-STEM* DIA. (mm)	VITALITY	COMMENTS	MANAGEMENT	CATEGORY & SUB-CATEGORY GRADING BS 5837	BS 5837 RADIUS (m) RPA (m^2)
T1	Sycamore	EM	6 2N	4.5	4	4	4.5	390	G	• Part of linear group along southern field boundary • Earth bund from construction of adjacent ménage pushed up against stem by to approx. 2m • Tree is of no significant landscape value to locale • E.R.C. 20	• N/A	B2	4.7 69m²
T2	Sycamore	M	14 1S	5	6	3	5	600	G	• As T1 buried in earth bund • Tree appears in good health & vigour • E.R.C.20	• N/A	B2	7.2 163m²
T3	Sycamore	M	13 3N	5	5	5	2	520	G	• As T2 • E.R.C.20	• N/A	B2	6.2 122m²
T4	Ash	EM	10 2N	5.5	4.5	5	5	420	G	• Ivy clad impeding inspection • Dieback in crown • Stem buried by earth bund • E.R.C.20	• N/A	B2	5 80m²
T5	Ash	M	13 3N	4	7	4	5	610	G	• Past large diameter limb loss • Dead wood in crown • E.R.C.20	• N/A	B2	7.3 168m²

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 5837CATEGORY & 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 M^2) NOTE – ALL CALCULATIONS ROUNDED TO NEAREST DECIMAL

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T6	Sycamore	M	11 4N	5	5	5	2	620	G	• Co-dominant stems from 2m • Stem buried by earth bund • E.R.C. 20	• N/A	B2	7.4 174m²
T7	Sycamore	EM	9 1.5N	5	4	1.5	4	490	G	• Asymmetric crown form • E.R.C.20	• N/A	B2	5.8 109m²
T8	Sycamore	EM	4 1N	2.5	2	1.5	2	350	M/G	• Small insignificant tree • Topped in past • Hidden amongst Hawthorn scrub • E.R.C.10	• Remove if required	C2	4.2 55m²
T9	Sycamore	M	8 1.5E	4	2.5	3.5	2.5	480	G	• Small stunted form • Tree house within • Tree of no particular merit • E.R.C.10	• Remove if required	C2	5.7 104m²
T10	Sycamore									• In advanced decline with evidence of extensive dieback & dead wood in crown	• Remove	U	N/A
T11	Sycamore	M	13 2N	5	3	3	3	460	G	• No visual defects • E.R.C.20	• N/A	B2	5.5 96m²
T12	Sycamore	M	13 3N	6	4.5	7	5	620	G	• No visual defects • Levels raised around base of stem • E.R.C.20	• N/A	B2	7.4 174m²
T13	Sycamore	EM	13 7S	2.5	2	3	2	360	G	• Small self-set tree of no value • E.R.C.10	• Remove if required	C2	4.3 59m²
T14	Sycamore	FM	18	8	5	7	4	≤900	G	• Located off-site with no access to survey • Mature tree • E.R.C.20+	• Recommend risk assessment is undertaken if access approved	B2	10.8 366m²

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T15	Lombardy Poplar	M	19	1	1	1	1	≤500	G	• As T14 – located off-site with no access to survey • Suspect basal decay due to species & age • E.R.C. 10	• Recommend risk assessment is undertaken if access approved	B2	6 113m²
G1	Hawthorn Elder	EM	≤4	2	1.5	2	2	≤150	G	• Hedgerow remnant/scrub • E.R.C.10	• N/A	C2	1.8 10m²

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 *NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see **4.5.7**.*			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

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