

# MWA Tree Survey Schedule



Tree No.	Common Name	Height	Stem Diameter(s) (mm)	CS N (m)	CS E (m)	CS S (m)	CS W (m)	Crown Clearance (m)	Life Stage	General Observations	Recommendations	Rem. Contrib.	RPA Radius	Retention Category
T001	Sycamore	16.0	460	0.0	5.0	7.0	5.0	3.0	Early Mature	Fair overall physiological condition Altered exposure Root plate lifted and raised on North aspect with increased lean	Remove - Irrespective of development	<10 years	5.5	U
T002	Lawson cypress	12.0	250	1.0	2.0	2.0	2.0	2.0	Young	No notable stem or crown features Fair overall physiological condition	None	40+ Years	3.0	C1
T003	Lawson cypress	10.0	210	1.0	2.0	2.0	2.0	1.0	Young	No notable stem or crown features Fair overall physiological condition	None	40+ Years	2.3	C1
T004	Leyland cypress	8.0	510	3.0	3.0	3.0	3.0	0.0	Semi Mature	Topped @ 6m Fair overall physiological condition Neglected hedge	None	40+ Years	6.1	C1
T005	Leyland cypress	8.0	340	2.0	2.0	2.0	2.0	1.0	Semi Mature	Topped @ 6m Fair overall physiological condition Neglected hedge	None	40+ Years	4.1	C1
T006	Leyland cypress	8.0	370	2.0	3.0	3.0	3.0	0.0	Semi Mature	Topped @6m Neglected hedge Fair overall physiological condition	None	40+ Years	4.4	C1
T007	Ash	12.0	430, 380	6.0	6.0	6.0	6.0	2.0	Mature	Multiple Stems from ground level Ivy obscuring stem No ADB - Class 1	None	40+ Years	6.9	B1
T008	Pine	8.0	190	2.0	2.0	2.0	2.0	1.0	Young	No notable stem or crown features Fair overall physiological condition Ivy obscuring stem	None	40+ Years	2.3	C1
T009	Cedar	7.0	190	2.0	2.0	2.0	2.0	1.0	Young	No notable stem or crown features Fair overall physiological condition Ivy obscuring stem	None	40+ Years	2.3	C1

Property: Lindridge Lane, Desford, LE9 9GN

Our Ref: DEV251031 -1356

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T010	Pine	7.0	140	2.0	2.0	2.0	2.0	1.0	Young	Topped at 6m Fair overall physiological condition	None	40+ Years	1.7	C1
T011	Spruce	16.0	440	5.0	5.0	5.0	5.0	4.0	Early Mature	No notable stem or crown features Fair overall physiological condition	None	40+ Years	5.3	B1
T012	Sycamore	16.0	410, 410	6.0	6.0	6.0	6.0	4.0	Mature	Twin stem Fair overall physiological condition	None	40+ Years	7.0	B2
T013	Sycamore	15.0	280, 240, 310	6.0	4.0	6.0	4.0	4.0	Mature	Multiple stems Ivy obscuring stem	None	40+ Years	5.8	B2
T014	Goat willow	14.0	470	8.0	8.0	8.0	3.0	0.0	Mature	No notable stem or crown features Ivy obscuring stem	None	40+ Years	5.6	C2
T015	Sycamore	15.0	310, 280	5.0	5.0	5.0	5.0	3.0	Mature	No notable stem or crown features Fair overall physiological condition	None	40+ Years	5.0	C2
T016	Sycamore	15.0	300, 300	6.0	6.0	6.0	6.0	4.0	Mature	No notable stem or crown features Fair overall physiological condition Ivy obscuring stem	None	40+ Years	5.1	B2
T017	Sycamore	15.0	280	5.0	5.0	5.0	5.0	4.0	Early Mature	No notable stem or crown features Fair overall physiological condition	None	40+ Years	3.4	B2
T018	Sycamore	14.0	450	4.0	4.0	4.0	4.0	5.0	Dead	Poor condition	Remove - Irrespective of development	Dead	0.0	U
T019	Sycamore	12.0	340	3.0	4.0	4.0	4.0	3.0	Early Mature	No notable stem or crown features Fair overall physiological condition	None	40+ Years	4.1	C2

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T020	Field maple	12.0	360	4.0	4.0	4.0	4.0	1.5	Over Mature	Stem/limb decay Extensive decay at base	Remove - Irrespective of development	<10 years	4.3	U
T021	Ash	14.0	850	8.0	8.0	8.0	8.0	6.0	Mature	Poor overall physiological condition Swelling/bottle butt Dense epicormic growth at base Stem hollow at base	Remove - Irrespective of development	<10 years	10.2	U
T022	Crab apple	12.0	460	5.0	5.0	5.0	5.0	4.0	Over Mature	Fair overall physiological condition Historic reduction Ivy obscuring stem	Remove – To enable development	20+ Years	5.5	C1
T023	Maple	12.0	840	5.0	5.0	5.0	5.0	3.0		Crown reduced 12m in un-sympathetic manner Fair overall physiological condition	None	20+ Years	10.1	B1
G001	Mixed species	14.0	100-300	4.0	4.0	4.0	4.0	2.0	Early Mature	No notable stem or crown features Fair overall physiological condition	None	40+ Years	0.0	B2
H001	Leyland cypress x10	5.0	150	2.0	2.0	2.0	2.0	0.0	Semi Mature	No notable stem or crown features Good overall physiological condition	None	40+ Years	0.0	C2

### Tree Survey Schedule Key:

All comments to British Standard 5837: 2012

**Tree No.** – tree reference / number on Constraints Plan and /or tree tags, where used. **Common Name** – tree giving English common name. **Measurements: Height** – tree height recorded in metres. **Stem Diameter(s)** – the individual or cumulative (if multi-stem) trunk diameter, when measured at 1.5m above ground. **CS** - crown spread in each of the four cardinal compass points. **Crown Clearance** – Height of crown above ground level in metres. **Life Stage** - recorded as Y (young) recently planted; SM (semi-mature) within first 1/3 life; EM (early-mature) within middle 2/3 of life; M (mature) fully developed and grown 3/3 of life; OM (over-mature) is exceptional age for species. **General Observations** – is reference to structural and physiological observations. **Recommendations** - suggestion or proposal about action to undertake. **Rem. Contrib** – estimated period of time, in years, which the tree(s) should remain a valuable feature in the landscape, as well as in good health and condition. **RPA Radius** – tree root protection area, expressed as a radial distance in metres from the tree stem, is the minimum area around each tree deemed to contain sufficient roots and rooting environment to maintain tree vitality and the area in square metres. **Retention Category** – a tree quality assessment described as A tree of high quality; B tree of moderate quality; C tree of low quality with numerical suffix 1 arboricultural qualities; 2 landscape qualities; 3 cultural values

### Cascade chart for tree quality assessment (BS 5937:2012)

Category and definition	Criteria (including subcategories where appropriate)		
Trees unsuitable for retention (see Note)			
<b>Category U</b> Those in such a condition that they cannot realistically be retained as living trees in the contact of the current land use for longer than 10 years	<ul style="list-style-type: none"><li>• 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)</li><li>• Trees that are dead or are showing signs of significant, immediate and irreversible overall decline</li><li>• 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</li></ul> <p><i>NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve</i></p>		
<b>Trees to be considered for retention</b>	<b>1 Mainly arboricultural qualities</b>	<b>2 Mainly landscape qualities</b>	<b>3 Mainly cultural values, including conservation</b>
<b>Category A   Trees of high quality</b> with an estimated 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 of 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)
<b>Category B   Trees of moderate quality</b> 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
<b>Category C   Trees of low quality</b> with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	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