



Tree Survey

At

**Sandy Lane
Ystradowen**

Inspected by:-

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21st March, 2022

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Brief

I have been instructed by Mr. Joan Isus of Amity Planning to carry out a survey on trees at Sandy Lane, Ystradowen.

Scope of Report

This Tree Survey has been undertaken within the recommendations of British Standards 5837:2012 and current good arboricultural practice.

The survey entailed a visual inspection from ground level of all trees.

Each tree has been numbered and, where instructed, have been tagged using small durable metal or plastic tags.

Due to variations of existing ground levels through the site, height dimensions are estimated and are given in metres.

Trunk/stem diameters are measured at 1.5 metres above ground level, or immediately above the root flare for multi-stemmed trees.

Estimated branch spread is taken in metres from the centre of the trunk, at the four cardinal points of a compass, to achieve an accurate representation of crown shape.

An assessment of a tree's age classification is made in terms of its maturity within the site's landscape.

An assessment of a tree's physiological condition is made as good, fair, poor, dead.

Data on the structural condition of the tree has been entered, e.g., collapsing, leaning and the presence of any decay or physical defect has been noted.

Preliminary management recommendations include further investigation of suspected defects that require more detailed assessment or potential for wildlife habitat.

An assessment of a tree's future life expectancy is made as <10, 10-20, 20-40 or >40 etc.

Table 1 – Cascade chart for tree quality assessment

Category and definition	Criteria (including subcategories where appropriate)		
<p><u>Category U</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</p>	<ul style="list-style-type: none"> • 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 U category trees (i.e. 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 <p>NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7</p>		
	1 Mainly Arboricultural values	2 Mainly landscape values	3 Mainly cultural values, including conservation
<p><u>Category A</u> Those of high quality with an estimated remaining life expectancy of at least 40 years</p>	Trees that are particularly good examples of their species, especially if rare or unusual, or essential components of groups, or of 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)
<p><u>Category B</u> Those of moderate quality with an estimated remaining life expectancy of at least 20 years</p>	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 benefits
<p><u>Category C</u> Those of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm</p>	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

BRITISH STANDARD BS 5837:2012

Tree No.	Species	Height(m)	Single/Multi Stemmed	Stem Diameter(m)	Branch Spread(m)				Height of Crown(m)	Age	Physiological Condition	Structural Condition	Prel. Man. Recommendations	Est. Remaining Contribution	Category
					N	E	S	W							
G1	Group of Hawthorn (Crataegus monogyna), Blackthorn (Prunus spinosa), Field Maple (Acer campestre) and Hazel (Corylus avellana)	2	Multi	0.1	0.5	0.5	0.5	0.5	0	Middle aged	Fair	Field boundary hedgerow that has been tightly flailed	No action required at this time	20-40	C
T2	Field Maple (Acer campestre)	15	Single	0.3	5	5	6	6	1	Middle aged	Fair	Tree of reasonable form whose lower branches extending to south-east may potentially obstruct access into site	No action required at this time	>40	B
T3	Field Maple (Acer campestre)	16	Single	0.32	5	5	3	5	1	Middle aged	Good	Tree of good form and well-balanced crown	Crown raise to 2.5m	>40	B
T4	Birch (Betula pendula)	15	Single	0.15	6	2	1	3	4	Middle aged	Fair to poor	Tree of variable form leaning to the north. Crown developed on northern side only due to suppression by trees to the south.	Monitor for safety	10-20	C

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					N	E	S	W							
G5	Group of Hazel (Corylus avellana) and Hawthorn (Crataegus monogyna)	10	Multi	0.3	3	3	3	3	0	Mature	Fair	Robust boundary hedgerow	No action required at this time	>40	B
T6	Sycamore (Acer pseudo-platanus)	7	Multi	0.55	3	5	2	1	3	Middle aged	Fair to poor	Hedgerow tree that has been severely and poorly reduced in the recent past. Some branches are now hung-up.	Remove hung-up branches	10-20	C
G7	Group of Hazel (Corylus avellana) and Blackthorn (Crataegus monogyna)	9	Multi	0.4	3	4	3	3	0	Mature	Fair	Robust field boundary hedgerow	No action required at this time	>40	B
G8	Group of Hazel (Corylus avellana), Hawthorn (Crataegus monogyna), Blackthorn (Prunus spinosa) and Holly (Ilex aquifolium)	10	Multi	0.4	3	4	2	3	0	Mature	Fair	Robust field boundary hedgerow	No action required at this time	>40	B

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					N	E	S	W							
T9	Oak (Quercus robur)	17	Single	0.75	7	8	10	9	3	Mature	Fair	Notable boundary tree of reasonable form. Evidence of some thinning and dieback in upper crown which could be regarded as normal in a tree of this age. Some deadwood extending over site.	Prune to remove unstable deadwood of diameter >50mm if this extends over any amenity space within proposed development site	>40	B
G10	Group of Hazel (Corylus avellana), Blackthorn (Crataegus monogyna) and Hawthorn (Prunus spinosa)	4	Multi	0.15	1	1	1	1	0	Middle aged	Fair	Scrubby specimens forming gappy hedgerow slightly suppressed by adjacent Oak	No action required at this time	20-40	C
G11	Group of Hazel (Corylus avellana), Blackthorn (Prunus spinosa), Hawthorn (Crataegus monogyna) and Holly (Ilex aquifolium)	10	Multi	0.4	3	4	4	3	0	Mature	Fair	Robust field boundary hedgerow	No action required at this time	>40	B

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					N	E	S	W							
T12	Oak (Quercus robur)	13	Single	0.72	3	8	7	4	1	Mature	Fair	Off-site tree of variable form. Evidence of thinning and dieback in upper crown.	Monitor for health	20-40	B
G13	Group of Oak (Quercus robur) and Hazel (Corylus avellana)	Up to 15	Single and multi	0.5 (avg)	7	7	7	7	3	Mature	Fair	Linear feature dominated by Oak trees of generally reasonable form and condition. Some specimens exhibit significant dieback in crowns.	Monitor for safety	>40	B
G14	Group of Hawthorn (Crataegus monogyna), Field Maple (Acer campestre), Blackthorn (Prunus spinosa) and Hazel (Corylus avellana)	9	Multi	0.2	1	2	1	1	0	Middle aged	Fair	Scrubby specimens forming gappy boundary hedgerow	No action required at this time	20-40	C
G15	Group of Hawthorn (Crataegus monogyna), Blackthorn (Prunus spinosa) and Hazel (Corylus avellana)	2	Multi	0.15	0.5	0.5	0.5	0.5	0	Middle aged	Fair	Tightly flailed field boundary hedgerow	No action required at this time	20-40	C

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					N	E	S	W							
G16	Group of Hawthorn (Crataegus monogyna), Blackthorn (Prunus spinosa), Holly (Ilex aquifolium) and Hazel (Corylus avellana)	1	Multi	0.15	1	1	1	1	0	Middle aged	Fair	Tightly flailed robust field boundary hedgerow approximately 2.5m in width	No action required at this time	20-40	C
G17	Group of Hazel (Corylus avellana), Hawthorn (Crataegus monogyna), Holly (Ilex aquifolium), Goat Willow (Salix caprea) and Sycamore (Acer pseudo-platanus)	5	Multi	0.15	1	2	2	1	0	Middle aged	Fair	Scrubby specimens forming roadside boundary hedgerow	No action required at this time	20-40	C
T18	Hazel (Corylus avellana)	7	Multi	0.35	2	6	3	0	0	Mature	Poor	Hedgerow specimen that has collapsed to the north-east	Coppice	<10	U
T19	Field Maple (Acer campestre)	10	Multi	0.35	4	4	5	4	0	Middle aged	Fair	Scrubby hedgerow specimen of variable form	No action required at this time	20-40	C

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					N	E	S	W							
T20	Hazel (Corylus avellana)	7	Multi	0.3	4	4	3	1	0	Middle aged	Fair	Scrubby hedgerow specimen of variable form	Monitor for stability	20-40	C