



Tree Survey

At

Carmarthen West

Inspected by:-
Julian Wilkes BSc.For, MSc.Land Man, MIC.For, TechArborA
Treescene Ltd
The Walled Garden
Old Coedarhydyglyn
St Nicholas
Cardiff
CF5 6SG
Tel No. 029 20599300

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Registered Office: Treescene Limited
The Walled Garden, Old Coedarhydyglyn, St. Nicholas, Cardiff CF5 6SG
Tel. 029 205 99300 Email. trees@treescene.co.uk

Brief

I have been instructed by Ms. Sarah Smith of Lovell to carry out a survey on trees at Carmarthen West.

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							
T1	Sycamore (<i>Acer pseudoplatanus</i>)	12	Multi	0.6	5	5	5	5	3	Middle aged	Fair	Prominent and isolated hedgerow tree of reasonable form and vigour. Main stem and mid crown colonised by ivy thus preventing full inspection.	No action required at this time.	20-40	B
G2	Group of: Hawthorn (<i>Crataegus monogyna</i>), Blackthorn (<i>Prunus spinosa</i>), Field Maple (<i>Acer campestre</i>), Goat Willow (<i>Salix caprea</i>), Hazel (<i>Corylus avellana</i>), Elder (<i>Sambucus nigra</i>), Sycamore (<i>Acer pseudoplatanus</i>)	2	Multi	0.15	0.5	0.5	0.5	0.5	0	Middle aged	Fair	Scrubby specimens forming relatively dense field boundary hedgerow.	No action required at this time.	20-40	C
T3	Ash (<i>Fraxinus excelsior</i>)	12	Multi	0.45	4	4	5	5	2	Middle aged	Poor	Boundary tree exhibiting symptoms of Ash Dieback Disease.	Remove.	<10	U
T4	Oak (<i>Quercus robur</i>)	12	Multi	0.55	6	4	6	5	2	Middle aged	Good	Hedgerow tree of reasonable form and vigour.	No action required at this time.	>40	B
T5	Ash (<i>Fraxinus excelsior</i>)	11	Multi	0.55	5	5	5	4	3	Middle aged	Poor	Hedgerow tree exhibiting advanced symptoms of Ash Dieback Disease.	Remove.	<10	U

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					N	E	S	W							
G6	Group of: Hawthorn (<i>Crataegus monogyna</i>), Hazel (<i>Corylus avellana</i>), Oak (<i>Quercus robur</i>), Sycamore (<i>Acer pseudoplatanus</i>), Blackthorn (<i>Prunus spinosa</i>), Holly (<i>Ilex aquifolium</i>)	7	Single and Multi	0.15 (avg.)	2	2	1	1	0	Middle aged	Fair	Overgrown boundary hedgerow dominated by specimens of Hazel.	No action required at this time.	20-40	C
T7	Elm (<i>Ulmus</i> spp.)	18	Multi	0.45	6	4	5	5	4	Middle aged	Fair to poor	Hedgerow tree of variable form exhibiting included basal fork. This specimen is vulnerable to developing Dutch Elm Disease.	Monitor for health and safety.	10-20	C
T8	Oak (<i>Quercus robur</i>)	16	Multi	0.6	7	8	7	7	1	Middle aged	Fair	Prominent hedgerow tree of reasonable form and vigour.	No action required at this time.	>40	B
T9	Oak (<i>Quercus robur</i>)	14	Single	0.4	7	6	7	6	3	Middle aged	Fair	Prominent hedgerow tree of reasonable form and vigour exhibiting some squirrel damage within crown.	Monitor for safety.	20-40	B
T10	Ash (<i>Fraxinus excelsior</i>)	18	Multi	0.65	4	5	6	5	3	Middle aged	Poor	Hedgerow tree exhibiting advanced symptoms of Ash Dieback Disease. This specimen is in a moribund and hazardous condition.	Remove.	<10	U
T11	Ash (<i>Fraxinus excelsior</i>)	18	Multi	0.7	7	9	6	3	2	Middle aged	Poor	Prominent hedgerow tree exhibiting symptoms of Ash Dieback Disease.	Remove.	<10	U

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G12	Group of: Hazel (<i>Corylus avellana</i>), Hawthorn (<i>Crataegus monogyna</i>), Holly (<i>Ilex aquifolium</i>)	7	Multi	0.25	4	2	2	2	0	Middle aged	Fair	Scrubby specimens forming gappy hedgerow.	No action required at this time.	20-40	C
T13	Oak (<i>Quercus robur</i>)	17	Multi	0.55	7	7	7	5	2	Middle aged	Fair	Hedgerow tree of variable form.	No action required at this time.	20-40	B
T14	Ash (<i>Fraxinus excelsior</i>)	18	Multi	0.8	9	8	9	8	2	Mature	Poor	Prominent hedgerow tree exhibiting symptoms of Ash Dieback Disease.	Remove.	<10	U
G15	Group of: Hazel (<i>Corylus avellana</i>), Goat Willow (<i>Salix caprea</i>), Hawthorn (<i>Crataegus monogyna</i>), Oak (<i>Quercus robur</i>)	4	Multi	0.15	2	1	1	1	0	Young	Fair to poor	Scrubby specimens of low vigour forming gappy hedgerow.	No action required at this time.	10-20	C
T16	Oak (<i>Quercus robur</i>)	11	Multi	0.4	5	4	5	5	3	Middle aged	Fair	Hedgerow tree of reasonable form and vigour.	No action required at this time.	>40	B

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					N	E	S	W							
G17	Group of: Blackthorn (<i>Prunus spinosa</i>), Hazel (<i>Corylus avellana</i>), Elder (<i>Sambucus nigra</i>), Goat Willow (<i>Salix caprea</i>), Hawthorn (<i>Crataegus monogyna</i>)	4	Multi	0.1	1	1	1	1	0	Young	Fair	Scrubby specimens forming short section of hedgerow.	No action required at this time.	20-40	C
G18	Group of: Hawthorn (<i>Crataegus monogyna</i>), Lime (<i>Tilia × europaea</i>), Guelder Rose (<i>Viburnum opulus</i>), Oak (<i>Quercus robur</i>), Holly (<i>Ilex aquifolium</i>), Hornbeam (<i>Carpinus betula</i>)	2	Single	0.05	1	1	1	1	0	Young	Fair	Newly planted section of gappy boundary hedgerow containing some specimens of trees.	No action required at this time.	>40	C
G19	Group of: Goat Willow (<i>Salix caprea</i>), Hornbeam (<i>Carpinus betula</i>), Lime (<i>Tilia × europaea</i>)	Up to 5	Single and Multi	0.15 (avg.)	1	1	1	1	0	Young	Fair	Newly planted specimens forming short section of gappy hedgerow that also contains some naturally regenerated specimens of Goat Willow.	No action required at this time.	10-20	C

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					N	E	S	W							
G20	Group of: Blackthorn (<i>Prunus spinosa</i>)	2	Multi	0.1	1	1	1	1	0	Young	Fair	Scrubby specimens forming short section of boundary hedgerow.	No action required at this time.	10-20	C