



Tree Survey

At

Springfield Rise
Treharris

Inspected by:-
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14th June, 2021

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Brief

I have been instructed by Mr. Sam Courtney of LRM Planning to carry out a survey on trees at Springfield Rise, Treharris.

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

BRITISH STANDARD BS 5837:2012

Category and definition	Criteria (including subcategories where appropriate)		
<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	- 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 NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7		
	1 Mainly Arboricultural values	2 Mainly landscape values	3 Mainly cultural values, including conservation
<u>Category A</u> Those 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 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)
<u>Category B</u> Those 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 benefits
<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	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

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 Plum (Prunus spp)	3	Multi	0.1	1	1	1	1	0	Young	Fair to poor	Off-site scrubby specimens of variable form with some dieback within crowns	Monitor for health	10-20	C
G2	Group of Privet (Ligustrum)	4	Multi	0.15	2	1	2	1	0	Middle aged	Fair to poor	Scrubby boundary specimens of variable form	No action required at this time	10-20	C
G3	Group of Birch (Betula pendula) and Goat Willow (Salix caprea)	5	Single and multi	0.1	1	1	1	1	0	Young	Fair	Scrubby self-sown specimens of variable form	No action required at this time	10-20	C
T4	Elder (Sambucus nigra)	3	Multi	0.2	2	2	2	2	1	Middle aged	Fair	Scrubby specimen sited adjacent to stone wall	No action required at this time	10-20	C
T5	Rowan (Sorbus aucuparia)	8	Multi	0.25	5	2	1	1	1	Mature	Fair to poor	Specimen of variable form exhibiting significant thinning and dieback of foliage throughout crown. Some deadwood within crown.	Monitor for safety	10-20	C
T6	Hawthorn (Crataegus monogyna)	4	Multi	0.15	1	1	2	1	0	Middle aged	Fair	Scrubby specimen of variable form	No action required at this time	10-20	C

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					N	E	S	W							
T7	Goat Willow (Salix caprea)	5	Multi	0.3	3	3	2	3	1	Middle aged	Fair to poor	Scrubby self-sown specimen of variable form. This species is liable to structural failure as it matures.	Monitor for safety	10-20	C
G8	Group of Elder (Sambucus nigra) and Hawthorn (Crataegus monogyna)	5	Single and multi	0.2	2	3	1	1	0	Middle aged	Fair	Scrubby specimens forming gappy hedgerow with crowns more heavily developed on eastern side	No action required at this time	20-40	C
G9	Group of Hawthorn (Crataegus monogyna), Hazel (Corylus avellana), Elder (Sambucus nigra) and Holly (Ilex aquifolium)	7	Multi	0.25	2	3	2	1	1	Middle aged	Fair	Scrubby specimens forming gappy hedgerow	No action required at this time	20-40	C
T10	Goat Willow (Salix caprea)	9	Multi	0.2	2	3	2	2	2	Middle aged	Fair	Multi stemmed specimen of reasonable form. This species is liable to structural failure as it matures.	Monitor for stability	10-20	C

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							
G11	Group of Hawthorn (Crataegus monogyna) and Hazel (Corylus avellana)	3	Multi	0.1	1	1	1	1	0	Young	Fair	Scrubby specimens forming gappy hedgerow	No action required at this time	20-40	C
T12	Hawthorn (Crataegus monogyna)	6	Multi	0.18	1	2	2	1	0	Middle aged	Fair to poor	Tree of variable form and average vigour exhibiting some dieback within crown	Monitor for health	10-20	C
G13	Group of Hawthorn (Crataegus monogyna) and Hazel (Corylus avellana)	7	Multi	0.25	2	2	2	1	0	Middle aged	Fair to poor	Scrubby specimens forming gappy hedgerow. Some thinning and foliage of dieback within crowns of Hawthorn.	Monitor for health	10-20	C
G14	Group of Hazel (Corylus avellana) and Hawthorn (Crataegus monogyna)	3	Multi	0.1	1	1	1	1	0	Young	Fair	Short section of gappy hedgerow dominated by young Hazel	No action required at this time	20-40	C
T15	Hawthorn (Crataegus monogyna)	6	Multi	0.3	2	3	3	2	0	Middle aged	Fair	Multi stemmed specimen of reasonable form	No action required at this time	10-20	C