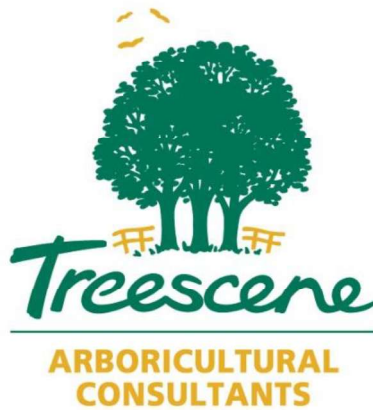




Tree Survey

At

**Hillcrest/Hadyn Terrace,
Merthyr Tydfil**

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Brief

I have been instructed by Mr. Sam Courtney of LRM Planning to carry out a survey on trees at Hillcrest/Hadyn Terrace, Merthyr Tydfil.

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)		
<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

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	Plum (<i>Prunus</i> spp.)	6	Multi	0.2 (est.)	2	2	2	2	0	Middle aged	Fair	Tree surrounded by dense vegetation thus preventing full inspection and accurate measurement. Scrubby specimens of variable form.	No action required at this time.	10-20	C
T2	Hawthorn (<i>Crataegus monogyna</i>)	3	Multi	0.15	1	1	2	1	0	Middle aged	Fair to poor	Scrubby specimen of variable form exhibiting some thinning of foliage in outer crown.	Monitor for health.	10-20	C
G3	Group of: Goat Willow (<i>Salix caprea</i>)	6	Multi	0.2	2	2	2	2	0	Middle aged	Fair	Naturally regenerated scrubby specimens of variable form exhibiting potentially weak basal forks that are vulnerable to structural failure as they mature.	Monitor for stability.	10-20	C
T4	Hawthorn (<i>Crataegus monogyna</i>)	5	Multi	0.25	3	3	3	3	1	Middle aged	Fair	Multi-stemmed specimen of reasonable form and vigour.	No action required at this time.	20-40	B
G5	Group of: Hawthorn (<i>Crataegus monogyna</i>), Ash (<i>Fraxinus excelsior</i>)	3	Multi	0.1 (avg.)	1	1	1	1	0	Young	Fair to poor	Scrubby specimens of variable form. Ash exhibits early-stage symptoms of Ash Dieback Disease.	Remove infected Ash tree.	10-20	C
T6	Goat Willow (<i>Salix caprea</i>)	5	Multi	0.25	2	2	2	3	0	Middle aged	Fair	Scrubby naturally regenerated specimen exhibiting potentially weak basal forks.	Monitor for stability.	10-20	C
T7	Oak (<i>Quercus robur</i>)	9	Multi	0.45	3	3	3	4	1	Middle aged	Fair	Prominent specimen of reasonable form and vigour.	No action required at this time.	>40	B
T8	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	11	Multi	0.55	3	2	3	2	2	Middle aged	Fair to poor	Garden boundary specimen that has been severely pruned in the past leading to accumulation of dead stubs in lower crown.	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. Rem. Remaining Contribution	Category
					N	E	S	W							
T9	Goat Willow (<i>Salix caprea</i>)	3	Multi	0.15	1	1	1	1	0	Young	Fair to poor	Scrubby naturally regenerated specimen exhibiting some thinning of foliage in outer crown.	Monitor for health and stability.	10-20	C
G10	Group of: Scots Pine (<i>Pinus sylvestris</i>), Pear (<i>Pyrus</i> spp.), Oak (<i>Quercus robur</i>)	3	Single and Multi	0.1	1	1	1	1	0	Young	Fair	Scrubby specimens of variable form and vigour.	No action required at this time.	10-20	C
G11	Group of: Privet (<i>Ligustrum</i> spp.), Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	3	Multi	0.1	1	1	1	1	0	Middle aged	Fair	Evergreen boundary hedgerow.	No action required at this time.	10-20	C
T12	Hawthorn (<i>Crataegus monogyna</i>)	3	Single	0.14	2	1	2	1	1	Middle aged	Fair	Scrubby specimen of variable form and vigour.	No action required at this time.	10-20	C
T13	Pear (<i>Pyrus</i> spp.)	7	Single	0.19	2	2	2	2	1	Middle aged	Good	Tree of good form and vigour.	No action required at this time.	>40	B
T14	Beech (<i>Fagus sylvatica</i>)	5	Multi	0.25	3	2	2	3	0	Young	Fair to poor	Scrubby specimen of variable form and vigour that has suffered some mechanical damage in lower crown.	No action required at this time.	10-20	C
G15	Group of: Oak (<i>Quercus robur</i>), Beech (<i>Fagus sylvatica</i>), Pear (<i>Pyrus</i> spp.), Rowan (<i>Sorbus aucuparia</i>)	4	Single and Multi	0.15	1	1	1	1	1	Young	Fair	Small copse area containing trees of generally reasonable form and vigour.	No action required at this time.	>40	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							
G16	Group of 2: Scots Pine (<i>Pinus sylvestris</i>)	4	Single and Multi	0.15	2	2	2	2	0	Young	Fair	Scrubby specimens of variable form and vigour.	No action required at this time.	20-40	C
G17	Group of: Birch (<i>Betula pendula</i>), Hazel (<i>Corylus avellana</i>)	4	Multi	0.1	1	1	1	1	0	Young	Fair	Scrubby naturally regenerated specimens of variable form and vigour.	No action required at this time.	10-20	C
T18	Goat Willow (<i>Salix caprea</i>)	7	Multi	0.3	2	2	2	2	0	Middle aged	Fair to poor	Scrubby naturally regenerated specimen exhibiting some thinning of foliage throughout crown. Basal forks are heavily included.	Monitor for health and stability.	10-20	C
T19	Goat Willow (<i>Salix caprea</i>)	9	Multi	0.5	4	4	4	4	0	Middle aged	Fair	Scrubby multi-stemmed specimen exhibiting potentially weak basal forks that are vulnerable to structural failure as this tree matures.	Monitor for stability.	10-20	C
T20	Rowan (<i>Sorbus aucuparia</i>)	4	Multi	0.15	1	1	1	1	0	Young	Fair to poor	Multi-stemmed specimen exhibiting some thinning and dieback of foliage within crown.	Monitor for health.	10-20	C
G21	Group of: Rowan (<i>Sorbus aucuparia</i>)	4	Multi	0.1	1	1	1	1	0	Young	Fair to poor	Scrubby specimens exhibiting significant thinning of foliage throughout crowns.	Monitor for health.	10-20	C
T22	Goat Willow (<i>Salix caprea</i>)	8	Multi	0.5	4	4	5	4	0	Middle aged	Poor	Prominent specimen that has suffered significant historical fire damage leading to development of serious basal decay.	Remove.	<10	U
T23	Ash (<i>Fraxinus excelsior</i>)	5	Single	0.22	3	3	3	4	2	Middle aged	Poor	Prominent specimen exhibiting advanced symptoms of Ash Dieback Disease.	Remove.	<10	U

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							
G24	Group of: Oak (<i>Quercus robur</i>)	4	Single and Multi	0.1	1	1	1	1	0	Young	Fair	Scrubby specimens of reasonable form and vigour.	No action required at this time.	>40	C
G25	Group of: Oak (<i>Quercus robur</i>)	5	Single and Multi	0.12	2	2	2	2	1	Young	Fair	Scrubby specimens of variable form. Some trees exhibit mechanical damage to main stem and lower crowns.	No action required at this time.	>40	C
G26	Group of: Ash (<i>Fraxinus excelsior</i>)	5	Single and Multi	0.15	1	1	1	1	1	Young	Poor	Small copse area containing trees exhibiting early and advanced symptoms of Ash Dieback Disease.	Remove.	<10	U
T27	Sycamore (<i>Acer pseudoplatanus</i>)	5	Single	0.12	1	1	1	1	1	Young	Fair	Tree of variable form and vigour exhibiting minor squirrel damage.	Monitor for safety.	10-20	C
G28	Group of: Elder (<i>Sambucus nigra</i>)	6	Multi	0.35	3	4	2	2	0	Mature	Fair to poor	Offsite trees located within adjacent residential garden thus preventing full inspection. Trees of declining vigour.	Monitor for health.	10-20	C
T29	Ash (<i>Fraxinus excelsior</i>)	6	Single	0.19	3	1	1	2	0	Young	Poor	Prominent and isolated specimen exhibiting symptoms of Ash Dieback Disease.	Remove.	<10	U
G30	Group of: Ash (<i>Fraxinus excelsior</i>)	3	Single and Multi	0.1	1	1	1	1	0	Young	Poor	Scrubby specimens exhibiting symptoms of Ash Dieback Disease.	Remove.	<10	U
T31	Scots Pine (<i>Pinus sylvestris</i>)	4	Multi	0.2	2	1	1	2	0	Young	Fair	Scrubby specimen of variable form.	No action required at this time.	10-20	C