



Tree Survey

At

**Land off Junction 37,
M4,
Pyle**

*Inspected by:-
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Brief

I have been instructed by Mr. Powys Jones to carry out a survey on trees at Land off Junction 37, M4, Pyle.

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	Beech (<i>Fagus sylvatica</i>)	16	Single	0.4	6	9	3	3	2	Middle aged	Fair	Tree of upright habit suppressed on southern side by adjacent trees.	No action required at this time.	>40	B
T2	Sycamore (<i>Acer pseudoplatanus</i>)	18	Single	0.54	5	7	5	8	2	Middle aged	Fair	Tree of reasonable form exhibiting some slight thinning of foliage in upper crown.	Monitor for health.	20-40	B
T3	Beech (<i>Fagus sylvatica</i>)	18	Single	0.33	2	8	3	2	3	Middle aged	Fair	Tree of reasonable form established on edge of copse.	No action required at this time.	>40	B
T4	Sycamore (<i>Acer pseudoplatanus</i>)	17	Multi	0.45	3	2	2	9	2	Middle aged	Fair	Tree established in centre of copse with crown more heavily developed on western side.	Monitor for stability.	20-40	B
T5	Ash (<i>Fraxinus excelsior</i>)	20	Multi	0.6	4	7	5	9	4	Middle aged	Fair to poor	Prominent twin-stemmed specimen exhibiting early stage symptoms of Ash Dieback Disease.	Monitor annually for health.	10-20	C
T6	Sycamore (<i>Acer pseudoplatanus</i>)	18	Multi	0.65	3	8	7	3	1	Middle aged	Fair to poor	Prominent multi-stemmed tree sited on southern edge of copse. Evidence of some bleeding lesions at southern base of this specimen. Evidence of some slight thinning of foliage in upper crown.	Undertake 2-3m overall crown reduction. Monitor for stability.	10-20	C
G7	Group of: Sycamore (<i>Acer pseudoplatanus</i>), Beech (<i>Fagus sylvatica</i>), Horse Chestnut (<i>Aesculus hippocastanum</i>)	Up to 14	Single and Multi	0.2 (avg.)	3	2	3	3	1	Middle aged	Fair to poor	Scrubby specimens of below average vigour.	Monitor for health.	10-20	C
T8	Sycamore (<i>Acer pseudoplatanus</i>)	20	Multi	0.55	5	5	6	3	1	Middle aged	Good	Prominent woodland tree of upright habit.	No action required at this time.	>40	B

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							
T9	Cherry (<i>Prunus</i> spp.)	18	Multi	0.45	8	8	7	4	1	Middle aged	Fair	Woodland edge tree of generally variable form.	Monitor for stability.	10-20	C
T10	Sycamore (<i>Acer pseudoplatanus</i>)	20	Multi	0.7	8	8	9	8	1	Middle aged	Fair	Prominent multi-stemmed tree of reasonable form. Some squirrel damage in lower crown.	Prune to remove severely squirrel damaged branches.	20-40	B
G11	Group of: Ash (<i>Fraxinus excelsior</i>), Hazel (<i>Corylus avellana</i>), Hawthorn (<i>Crataegus monogyna</i>), Cherry (<i>Prunus</i> spp.)	Up to 10	Single and Multi	0.2 (avg.)	3	3	3	3	1	Middle aged	Fair	Scrubby woodland established on steep embankment. Specimens of Ash are infected with Ash Dieback Disease.	Remove infected Ash trees.	20-40	C
T12	Elm (<i>Ulmus</i> spp.)	13	Single	0.26	2	5	4	0	3	Middle aged	Poor	Tree of variable form exhibiting early stage symptoms of Dutch Elm Disease.	Remove.	<10	U
G13	Group of: Elder (<i>Sambucus nigra</i>), Blackthorn (<i>Prunus spinosa</i>)	7	Multi	0.25	2	2	2	2	0	Middle aged	Fair	Scrubby specimens of variable form.	No action required at this time.	10-20	C
T14	Ash (<i>Fraxinus excelsior</i>)	11	Multi	0.35	5	6	4	6	1	Middle aged	Poor	Multi-stemmed specimen exhibiting significant symptoms of Ash Dieback Disease.	Remove.	<10	U
G15	Group of: Elder (<i>Sambucus nigra</i>), Blackthorn (<i>Prunus spinosa</i>)	7	Multi	0.25	2	2	2	2	0	Middle aged	Fair	Scrubby specimens of variable form.	No action required at this time.	10-20	C

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					N	E	S	W							
G16	Group of: Elder (<i>Sambucus nigra</i>), Blackthorn (<i>Prunus spinosa</i>), Ash (<i>Fraxinus excelsior</i>)	7	Multi	0.25	2	2	2	2	0	Middle aged	Fair	Scrubby specimens of variable form.	No action required at this time.	10-20	C
T17	Elder (<i>Sambucus nigra</i>)	5	Multi	0.35	0	3	2	2	0	Mature	Poor	Boundary tree exhibiting significant animal damage at base that has led to severe internal decay.	Remove.	<10	U
G18	Group of: Blackthorn (<i>Prunus spinosa</i>)	3	Multi	0.1	1	1	1	1	0	Young	Fair	Scrubby naturally regenerated specimens.	No action required at this time.	20-40	C
G19	Group of: Blackthorn (<i>Prunus spinosa</i>), Elder (<i>Sambucus nigra</i>)	3	Multi	0.15	1	1	1	1	0	Middle aged	Fair to poor	Naturally regenerated specimens of variable form. Elder are partially collapsed.	No action required at this time.	10-20	C
G20	Group of: Blackthorn (<i>Prunus spinosa</i>), Elder (<i>Sambucus nigra</i>), Hawthorn (<i>Crataegus monogyna</i>)	4	Multi	0.1	1	1	1	1	0	Middle aged	Fair	Dense field boundary thicket.	No action required at this time.	20-40	C
G21	Group of: Italian Alder (<i>Alnus cordata</i>)	17	Single	0.35 (avg.)	4	8	4	6	3	Middle aged	Fair	Prominent linear feature containing trees of generally reasonable form and vigour.	No action required at this time.	20-40	B

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					N	E	S	W							
T22	Beech (<i>Fagus sylvatica</i>)	14	Single	0.21	1	6	1	0	2	Middle aged	Fair	Tree of variable form with crown more heavily developed on eastern side due to suppression by more dominant trees to the west.	Monitor for stability.	10-20	C
G23	Group of: Beech (<i>Fagus sylvatica</i>)	4	Single	0.1	1	1	0	0	1	Young	Poor	Heavily suppressed specimens of poor form and vigour.	Remove.	<10	U
G24	Group of: Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	9	Single and Multi	0.2	0	4	1	0	1	Middle aged	Poor	Trees of poor form and vigour that have suffered significant animal damage leading to extensive internal decay and death of some specimens.	Remove.	<10	U
T25	Beech (<i>Fagus sylvatica</i>)	7	Single	0.21	1	6	2	0	3	Middle aged	Fair	Boundary tree with crown more heavily developed on eastern side.	Monitor for stability.	10-20	C
T26	Beech (<i>Fagus sylvatica</i>)	6	Multi	0.15	1	3	0	0	0	Young	Poor	Heavily suppressed specimen of poor form and vigour.	Remove.	<10	U
T27	Beech (<i>Fagus sylvatica</i>)	7	Single	0.14	0	6	3	1	2	Middle aged	Fair to poor	Heavily suppressed specimen leaning to the southeast with crown developed on southeastern side only.	Monitor for stability.	10-20	C
G28	Group of 1: Oak (<i>Quercus robur</i>), And 1: Sycamore (<i>Acer pseudoplatanus</i>)	9	Single	0.25	2	4	3	2	2	Young	Fair	Trees of generally scrubby habit.	No action required at this time.	20-40	C

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					N	E	S	W							
G29	Group of: Blackthorn (<i>Prunus spinosa</i>), Hawthorn (<i>Crataegus monogyna</i>), Hazel (<i>Corylus avellana</i>)	2	Single and Multi	0.1	0.5	0.5	0.5	0.5	0	Middle aged	Fair	Tightly flailed boundary hedgerow.	No action required at this time.	20-40	C
T30	Sycamore (<i>Acer pseudoplatanus</i>)	17	Multi	0.8	9	7	7	8	2	Middle aged	Fair	Prominent field boundary specimen of reasonable upright habit. Some ivy colonisation on main stems and mid crown prevent full inspection.	No action required at this time.	20-40	B
G31	Group of: Hazel (<i>Corylus avellana</i>), Hawthorn (<i>Crataegus monogyna</i>), Blackthorn (<i>Prunus spinosa</i>)	8	Single and Multi	0.2 (avg.)	2	2	3	2	0	Middle aged	Fair	Scrubby specimens forming gappy field boundary hedgerow.	No action required at this time.	20-40	C
G32	Group of: Hazel (<i>Corylus avellana</i>), Elder (<i>Sambucus nigra</i>), Blackthorn (<i>Prunus spinosa</i>), Hawthorn (<i>Crataegus monogyna</i>)	7	Multi	0.25	3	3	3	3	0	Middle aged	Fair	Scrubby specimens forming gappy hedgerow sited on low earth bank.	No action required at this time.	20-40	C
T33	Hawthorn (<i>Crataegus monogyna</i>)	4	Multi	0.2	1	1	1	1	0	Middle aged	Fair	Isolated remnant of field boundary hedgerow.	No action required at this time.	10-20	C

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					N	E	S	W							
G34	Group of: Hazel (<i>Corylus avellana</i>), Hawthorn (<i>Crataegus monogyna</i>), Elder (<i>Sambucus nigra</i>)	7	Single and Multi	0.25 (avg.)	3	3	3	2	0	Middle aged	Fair	Scrubby specimens forming gappy field boundary hedgerow. Most specimens heavily colonised by ivy thus suppressing vigour.	No action required at this time.	10-20	C
G35	Group of: Hazel (<i>Corylus avellana</i>), Hawthorn (<i>Crataegus monogyna</i>)	6	Multi	0.25	2	2	2	2	0	Middle aged	Fair	Scrubby specimens forming gappy hedgerow. Most specimens heavily colonised by ivy thus suppressing vigour.	Monitor for health.	10-20	C
G36	Group of: Hawthorn (<i>Crataegus monogyna</i>), Elder (<i>Sambucus nigra</i>)	5	Single and Multi	0.15	2	2	1	1	0	Middle aged	Fair	Scrubby specimens forming short section of hedgerow.	No action required at this time.	20-40	C
G37	Group of: Hawthorn (<i>Crataegus monogyna</i>), Blackthorn (<i>Prunus spinosa</i>), Sycamore (<i>Acer pseudoplatanus</i>)	3	Single and Multi	0.15	1	1	1	1	0	Middle aged	Fair	Scrubby specimens forming dense thicket on steep embankment.	No action required at this time.	20-40	C
G38	Group of: Blackthorn (<i>Prunus spinosa</i>), Plum (<i>Prunus spp.</i>), Field Maple (<i>Acer campestre</i>)	4	Single and Multi	0.15 (avg.)	2	2	1	2	0	Middle aged	Fair	Scrubby specimens forming linear feature on southern side of drainage ditch. Southern side of crowns have been heavily flailed.	No action required at this time.	10-20	C

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					N	E	S	W							
T39	Ash (<i>Fraxinus excelsior</i>)	5	Single	0.18	3	3	2	3	1	Young	Poor	Roadside tree severely infected with Ash Dieback Disease.	Remove.	<10	U
G40	Group of: Blackthorn (<i>Prunus spinosa</i>), Hawthorn (<i>Crataegus monogyna</i>), Field Maple (<i>Acer campestre</i>)	4	Single and Multi	0.15	1	1	1	1	0	Middle aged	Fair	Scrubby naturally regenerated specimens established on steep embankment and within drainage ditch.	No action required at this time.	10-20	C
G41	Group of: Hawthorn (<i>Crataegus monogyna</i>), Blackthorn (<i>Prunus spinosa</i>), Sycamore (<i>Acer pseudoplatanus</i>)	4	Single and Multi	0.1	1	1	1	1	0	Middle aged	Fair	Naturally regenerated linear feature containing scrubby specimens which form a dense thicket.	No action required at this time.	10-20	C
T42	Ash (<i>Fraxinus excelsior</i>)	12	Single	0.35	4	3	3	4	1	Middle aged	Poor	Prominent specimens severely infected with Ash Dieback Disease.	Remove.	<10	U
G43	Group of: Blackthorn (<i>Prunus spinosa</i>), Hawthorn (<i>Crataegus monogyna</i>)	5	Multi	0.2	2	2	2	2	0	Middle aged	Fair	Scrubby naturally regenerated specimens sited on steep embankment.	No action required at this time.	20-40	C
T44	Sycamore (<i>Acer pseudoplatanus</i>)	14	Multi	0.45	3	3	4	3	1	Middle aged	Fair	Twin-stemmed specimen exhibiting included basal forks.	Monitor for stability.	10-20	C
G45	Group of: Hawthorn (<i>Crataegus monogyna</i>), Blackthorn (<i>Prunus spinosa</i>)	4	Multi	0.15	1	1	1	1	0	Middle aged	Fair	Scrubby specimens forming small thicket area.	No action required at this time.	10-20	C