Tree Survey

At

Penlanlas Farm, Abergavenny

Inspected by:-
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Brief

I have been instructed by Edenstone Homes to carry out a survey on trees at Penlanlas Farm, Abergavenny.

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)		
Category 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
Category A 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)
Category B 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
Category C 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: Blackthorn (*Prunus spinosa*), Ash (*Fraxinus excelsior*), Hazel (*Corylus avellana*), Elm (*Ulmus* spp.), Hawthorn (*Crataegus monogyna*)	1	Multi	0.1	1	1	1	1	0	Middle aged	Fair	Generally dense tightly flailed hedgerow with sections dominated by bracken.	No action required at this time.	20-40	C
G2	Group of: Hazel (*Corylus avellana*), Elm (*Ulmus* spp.), Hawthorn (*Crataegus monogyna*) Elder (*Sambucus nigra*)	1	Multi	0.1	1	1	1	1	0	Middle aged	Fair to poor	Generally gappy hedgerow dominated by Elm that is likely to succumb to Dutch Elm Disease.	Monitor for health.	20-40	C
T3	Plum (*Prunus* spp.)	1	Single	0.21	0	9	0	0	0	Mature	Poor	This specimen has collapsed.	Remove.	<10	U
T4	Plum (*Prunus* spp.)	8	Single	0.25	2	2	3	2	2	Mature	Fair to poor	Tree of variable form with animal damage on main stem.	Monitor for health.	10-20	C

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					N	E	S	W							
G5	Group of: Hazel (*Corylus avellana*), Sycamore (*Acer pseudoplatanus*), Elm (*Ulmus* spp.), Blackthorn (*Prunus spinosa*), Holly (*Ilex aquifolium*)	1	Multi	0.1	1	1	1	1	0	Middle aged	Fair	Generally dense hedgerow that has previously been tightly flailed.	No action required at this time.	20-40	C
G6	Group of: Ash (*Fraxinus excelsior*), Hawthorn (*Crataegus monogyna*), Hazel (*Corylus avellana*), Birch (*Betula pendula*), Blackthorn (*Prunus spinosa*), Field Maple (*Acer campestre*), Goat Willow (*Salix caprea*)	8	Single and multi	0.15	1	1	1	1	0	Young	Fair	Newly planted landscaping screen containing mainly dense shrubs.	No action required at this time.	20-40	C

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					N	E	S	W							
G7	Group of: Blackthorn (*Prunus spinosa*), Hawthorn (*Crataegus monogyna*), Holly (*Ilex aquifolium*), Elder (*Sambucus nigra*), Hazel (*Corylus avellana*)	8	Single and multi	0.25	2	2	2	2	0	Mature	Fair	Tall hedgerow densely colonised by mainly shrubs. 10m wide gap at western end of hedgerow.	No action required at this time.	>40	B
T8	Blackthorn (*Prunus spinosa*)	7	Multi	0.25	3	3	2	2	0	Mature	Fair to poor	Hedgerow tree of variable form.	Monitor for stability.	10-20	C
T9	Hawthorn (*Crataegus monogyna*)	7	Multi	0.2	2	3	2	1	0	Middle aged	Fair to poor	Hedgerow tree leaning slightly to the east with crown developed mainly on eastern side.	Monitor for stability.	10-20	C
T10	Ash (*Fraxinus excelsior*)	15	Multi	0.65	8	5	7	7	2	Middle aged	Poor	Multi-stemmed hedgerow exhibiting early stage symptoms of Ash Dieback Disease.	Remove.	<10	U
T11	Ash (*Fraxinus excelsior*)	12	Single	0.29	4	4	5	3	2	Middle aged	Poor	Hedgerow tree of variable form exhibiting early stage symptoms of Ash Dieback Disease.	Remove.	<10	U
T12	Ash (*Fraxinus excelsior*)	13	Single	0.34	6	6	5	4	3	Middle aged	Fair	Hedgerow tree of reasonable form that does not exhibit any symptoms of Ash Dieback Disease.	No action required at this time.	20-40	B
T13	Ash (*Fraxinus excelsior*)	5	Single	0.1	0	1	1	0	3	Young	Poor	Hedgerow tree of poor form heavily suppressed by adjacent specimens. This tree is unsuitable for retention.	Remove.	<10	U

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					N	E	S	W							
T14	Ash (*Fraxinus excelsior*)	11	Single	0.29	3	1	4	4	3	Middle aged	Poor	Hedgerow tree of reasonable form exhibiting early stage symptoms of Ash Dieback Disease.	Remove.	<10	U
T15	Ash (*Fraxinus excelsior*)	14	Single	0.34	5	1	3	5	5	Middle aged	Poor	Hedgerow tree exhibiting symptoms of Ash Dieback Disease.	Remove.	<10	U
T16	Ash (*Fraxinus excelsior*)	14	Multi	0.4	3	1	3	4	3	Middle aged	Poor	Triple-stemmed specimen exhibiting symptoms of Ash Dieback Disease.	Remove.	<10	U
T17	Ash (*Fraxinus excelsior*)	14	Single	0.28	1	1	6	1	4	Middle aged	Poor	Hedgerow tree exhibiting symptoms of Ash Dieback Disease.	Remove.	<10	U
T18	Ash (*Fraxinus excelsior*)	14	Multi	0.45	5	2	6	5	3	Middle aged	Poor	Twin-stemmed specimen of variable form exhibiting early stage symptoms of Ash Dieback Disease.	Remove.	<10	U
T19	Ash (*Fraxinus excelsior*)	14	Multi	0.4	3	2	4	1	3	Middle aged	Poor	Hedgerow tree of variable form exhibiting symptoms of Ash Dieback Disease.	Remove.	<10	U
T20	Ash (*Fraxinus excelsior*)	12	Single	0.29	6	5	6	2	3	Middle aged	Poor	Hedgerow tree of variable form exhibiting symptoms of Ash Dieback Disease.	Remove.	<10	U
T21	Ash (*Fraxinus excelsior*)	13	Single	0.27	5	3	2	1	4	Middle aged	Poor	Hedgerow tree of variable form exhibiting early stage symptoms of Ash Dieback Disease.	Remove.	<10	U
T22	Ash (*Fraxinus excelsior*)	12	Single	0.33	3	2	5	5	3	Middle aged	Poor	Hedgerow tree of variable form exhibiting advanced symptoms of Ash Dieback Disease.	Remove.	<10	U
T23	Holly (*Ilex aquifolium*)	7	Single	0.19	1	2	2	2	2	Middle aged	Fair	Scrubby hedgerow specimen of variable form.	No action required at this time.	10-20	C

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					N	E	S	W							
T24	Ash (*Fraxinus excelsior*)	12	Single	0.24	3	3	3	3	3	Middle aged	Poor	Hedgerow tree of reasonable form exhibiting advanced symptoms of Ash Dieback Disease.	Remove.	<10	U
G25	Group of: Ash (*Fraxinus excelsior*)	12	Multi	0.35	3	3	4	5	3	Middle aged	Poor	Hedgerow trees of generally variable form exhibiting symptoms of Ash Dieback Disease.	Remove.	<10	U
T26	Oak (*Quercus robur*)	5	Single	0.21	3	3	3	3	1	Young	Fair	Hedgerow tree of reasonable form.	Crown raise to 2m.	>40	B
G27	Group of: Hawthorn (*Crataegus monogyna*), Blackthorn (*Prunus spinosa*), Hazel (*Corylus avellana*), Field Maple (*Acer campestre*), Elder (*Sambucus nigra*), Holly (*Ilex aquifolium*), Dogwood (*Cornus sanquinea*), Ash (*Fraxinus excelsior*)	7	Multi	0.2	2	2	2	2	0	Middle aged	Fair	Dense hedgerow formed by primarily multi-stemmed shrubs. Central section of approximately 15m in length contains many specimens of Ash which may become vulnerable to Ash Dieback Disease.	No action required at this time. Monitor health of the Ash within the hedgerow.	>40	B
T28	Ash (*Fraxinus excelsior*)	13	Multi	0.6	6	5	6	6	3	Middle aged	Poor	Hedgerow tree of reasonable form exhibiting early stage symptoms of Ash Dieback Disease.	Remove.	<10	U

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G29	Group of: Hawthorn (*Crataegus monogyna*), Blackthorn (*Prunus spinosa*), Hazel (*Corylus avellana*), Elder (*Sambucus nigra*), Field Maple (*Acer campestre*)	1	Multi	0.1	1	1	1	1	0	Middle aged	Fair	Dense hedgerow formed by primarily tightly flailed shrubs.	No action required at this time.	20-40	C
G30	Group of: Blackthorn (*Prunus spinosa*), Hazel (*Corylus avellana*)	2	Multi	0.1	1	1	1	1	0	Young	Fair to poor	Scrubby specimens forming gappy hedgerow.	No action required at this time.	10-20	C
G31	Group of: Hazel (*Corylus avellana*), Blackthorn (*Prunus spinosa*), Holly (*Ilex aquifolium*), Ash (*Fraxinus excelsior*)	Up to 8	Multi	0.25	2	2	2	2	0	Middle aged	Fair to poor	Scrubby specimens forming gappy hedgerow. Evidence of some thinning and dieback of foliage within certain specimens.	Monitor for health.	10-20	C

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G32	Group of: Blackthorn (*Prunus spinosa*), Elder (*Sambucus nigra*), Holly (*Ilex aquifolium*), Hazel (*Corylus avellana*)	7	Multi	0.2	2	2	2	2	0	Middle aged	Fair	Scrubby specimens forming gappy hedgerow. Large gap towards eastern end of hedge.	Monitor for health.	20-40	B
G33	Group of: Hazel (*Corylus avellana*)	7	Multi	0.35	3	2	2	2	1	Mature	Fair	Multi-stemmed coppice specimens of reasonable form.	No action required at this time.	>40	B
G34	Group of: Lime (*Tilia × europaea*)	15	Multi	0.4	6	5	6	6	2	Middle aged	Fair	Tight grouping of trees of generally reasonable form. Some evidence of potentially included lower forks which may become points of weakness at a later date.	Monitor for safety.	20-40	B