Tree Survey

At

Ash Lane,
Tavernspite

Inspected by:-
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13th March, 2026

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Brief

I have been instructed by Mr. Sam Stalbow of Ateb Group to carry out a survey on trees at Ash Lane, Tavernspite.

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: Hawthorn (*Crataegus monogyna*), Hazel (*Corylus avellana*)	1	Multi	0.1	0.75	0.75	0.75	0.75	0	Middle aged	Fair	Scrubby specimens forming gappy field boundary hedgerow.	No action required at this time.	>40	C
T2	Sycamore (*Acer pseudoplatanus*)	14	Single	0.52	6	7	5	6	2	Middle aged	Fair	Prominent hedgerow tree of reasonable form and vigour. Main stem colonised by ivy thus preventing full inspection.	No action required at this time.	>40	B
T3	Ash (*Fraxinus excelsior*)	18	Single	0.72	8	9	6	8	3	Mature	Poor	Prominent boundary tree severely infected with Ash Dieback Disease. This tree is in a moribund condition and represents a significant hazard in relation to adjacent highway.	Remove as soon as practically possible.	<10	U
T4	Sycamore (*Acer pseudoplatanus*)	10	Single	0.48	4	3	6	5	2	Middle aged	Fair	Slightly suppressed hedgerow tree of variable form and vigour.	No action required at this time.	20-40	B
T5	Sycamore (*Acer pseudoplatanus*)	18	Single	0.66	5	7	8	8	2	Mature	Poor	Prominent hedgerow tree exhibiting severe internal decay within main stem and major limbs. This specimen is unsafe for retention.	Remove.	<10	U
T6	Sycamore (*Acer pseudoplatanus*)	12	Multi	0.7	6	6	6	6	3	Middle aged	Fair	Triple-stemmed specimen of reasonable form and vigour. Main stems colonised by ivy thus preventing full visual inspection.	No action required at this time.	20-40	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							
G7	Group of: Hawthorn (*Crataegus monogyna*), Blackthorn (*Prunus spinosa*), Hazel (*Corylus avellana*), Sycamore (*Acer pseudoplatanus*), Ash (*Fraxinus excelsior*), Goat Willow (*Salix caprea*)	1	Multi	0.15	1	1	1	1	0	Middle aged	Fair	Scrubby specimens forming broad gappy field boundary hedgerow.	No action required at this time.	>40	C
G8	Group of 5: Beech (*Fagus sylvatica*)	7	Single and Multi	0.25 (avg.)	2	2	2	2 (avg.)	1	Young	Fair	Off-site trees thus preventing full inspection. Trees of upright habit.	No action required at this time.	>40	B
G9	Group of: Hawthorn (*Crataegus monogyna*), Hazel (*Corylus avellana*), Goat Willow (*Salix caprea*)	1	Multi	0.15	0.75	0.75	0.75	0.75	0	Middle aged	Fair	Scrubby specimens forming gappy field boundary hedgerow.	No action required at this time.	>40	C
T10	Beech (*Fagus sylvatica*)	8	Multi	0.35	4	3	2	2	1	Middle aged	Fair	Off-site tree thus preventing full inspection. A tree of upright habit.	No action required at this time.	>40	B

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					N	E	S	W							
G11	Group of 2: Goat Willow (*Salix caprea*)	7	Single and Multi	0.35	5	5	5	5	0	Middle aged	Poor	Overgrown hedgerow trees that are vulnerable to structural failure. Some significant storm damage in lower crowns. Remaining limbs are likely to fail in the foreseeable future.	Remove.	<10	U
G12	Group of: Hawthorn (*Crataegus monogyna*), Blackthorn (*Prunus spinosa*), Hazel (*Corylus avellana*)	2	Multi	0.15	0.5	0.5	0.5	0.5	0	Middle aged	Fair	Scrubby specimens forming gappy field boundary hedgerow.	No action required at this time.	>40	C
G13	Group of: Elder (*Sambucus nigra*), Hawthorn (*Crataegus monogyna*), Goat Willow (*Salix caprea*)	4	Multi	0.2	2	2	2	2	0	Middle aged	Fair to poor	Scrubby specimens forming short section of overgrown hedgerow. Some stems partially decayed.	Remove decayed stems.	10-20	C
G14	Group of: Goat Willow (*Salix caprea*), Plum (*Prunus domestica*)	4	Single and Multi	0.18 (avg.)	3	4	1	0	0	Middle aged	Poor	All specimens leaning extensively to the east. Some stems have failed and further structural failure is likely.	Remove.	<10	U

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					N	E	S	W							
G15	Group of: Hawthorn (*Crataegus monogyna*), Hazel (*Corylus avellana*), Goat Willow (*Salix caprea*), Ash (*Fraxinus excelsior*)	1	Multi	0.15	0.75	0.75	0.75	0.75	0	Middle aged	Fair	Scrubby specimens forming gappy field boundary hedgerow.	No action required at this time.	>40	C
G16	Group of 2: Ash (*Fraxinus excelsior*)	12	Single	0.35	5	5	5	5	3	Middle aged	Poor	Roadside trees severely infected with Ash Dieback Disease.	Remove.	<10	U
					(avg.)										
T17	Hawthorn (*Crataegus monogyna*)	7	Multi	0.3	3	3	3	3	0	Middle aged	Fair	Roadside tree of reasonable form. Main stem colonised by ivy thus preventing full inspection.	No action required at this time.	10-20	C
T18	Goat Willow (*Salix caprea*)	4	Single	0.19	1	1	2	2	0	Middle aged	Poor	Roadside tree of a species that is vulnerable to structural failure. This specimen is unsuitable for long-term retention in this location.	Remove.	<10	U
T19	Sycamore (*Acer pseudoplatanus*)	14	Multi	0.75	7	6	7	6	0	Middle aged	Fair	Roadside tree of reasonable form and vigour.	No action required at this time.	20-40	B