

**Health and Safety Tree Survey for Churchill Way Allotment site, Andover (November 2023)**

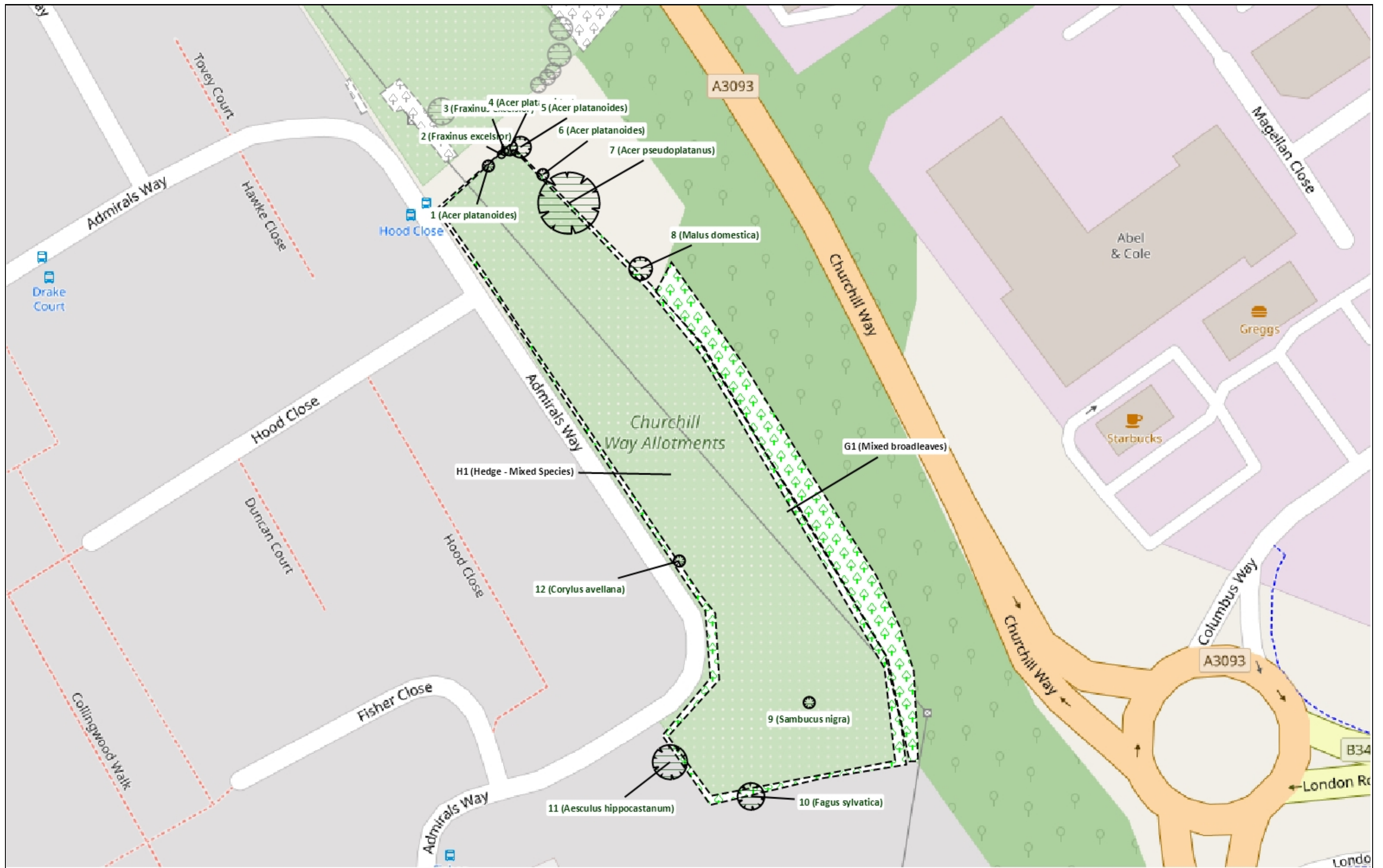
Client		Andover Town Council				Arboricultural Consultant		Amelia Williams MICFor, CEnv, MArborA, BSic (Hons), Cert Ed F.E., Dip Arb L6 (ABC), Cert Arb L4 (ABC)				Weather at time of survey		Cold, dry, light breeze.								
Site location		Churchill Way Allotments, Andover				Site observations		Access off Admirals Way from one padlocked gate. Overhead services along the outside edge to the Western boundary. Hampshire County Council owned woodland to the Western boundary and TVBC owned land managed also the North, West and South. Boundaries are fenced with ivy-clad posts and ivy and bramble around fence lines and these provide wildlife habitat.				Plotted		Yes on Ezytreev but not tagged								
Date of the tree survey		22.11.2023				Designations		No Tree Preservation Order (TPO) confirmed by TVBC on 06.11.2023 and site not within a Conservation Area (CA)				Next inspection date		2028								
Full Code	Seq No	Species (Botanical name / Common name)	Ash	Private	Tree Position	Addn Position	No. of Stems	No. of Trees	Height (m)	Spread (m (d))	Trunk diameter (cm)	Age range	Vigour	Condition	Site features	Tree considerations	Tree management recommendations	Priority for tree work	Failure (THREATS)	Target (THREATS)	Impact (THREATS)	Risk Cat (THREATS)
Hdg/001269	H1	Hedge - Mixed Species Acer platanoides - (28) Cornus sanguinea - (2) Crataegus monogyna - (3) Fraxinus excelsior - (1) Hedera helix - (5) Syringa vulgaris - (3)	Yes	No	Around entire boundary	on and off site	88	88	3	3	15	Young	Normal	Fair	- Fence within falling distance - Fence under canopy - Gate or entrance - Parking within falling distance - Road within falling distance - Street lamp - x4	- Crown shape distorted due to group pressure - partially on both sides of fence - Ivy or climbing plants - Ivy covered tree - Low hanging branches - Multi stemmed	- Fell saplings - Norway maple predominantly around boundary as part of annual boundary maintenance (x 29 tree) - Prune back overhang from garden - Prune back overhanging branches from off site that overhang into the site within 12 months (x 5 tree) - Sever climbing plant - Sever and remove ivy from fence and fence posts annually as part of fence maintenance (x 5 tree)	Routine	None apparent	Medium	Fragile objects	Insignificant
Sg/001270	1	Acer platanoides (Norway Maple)	No	No	Northern boundary	by pedestrian gate entrance	3	1	4	3	20	Young	Normal	Fair	- Fence within falling distance - Fence under canopy - Gate or entrance - Parked cars - Parking within falling distance	- Bifurcated - Developing young tree - inappropriate location to grow on up against the fence - Poor shape and form	- Fell Broadleaves - within 6 months as inappropriate location - Stump - Chemically treat stump (eco plug)	Routine	None apparent	Medium	Fragile objects	Insignificant
Sg/001271	2	Fraxinus excelsior (Common Ash)	Yes	No	Northern boundary	up against fence	1	1	4	2	15	Young	Normal	Fair	- Fence within falling distance - Fence under canopy - Parked cars - Parking within falling distance	- Ash dieback - Ash stage 1 = 76-100% canopy remaining - Developing young tree - inappropriate location to grow on up against the fence, bug hotel on trunk - Ivy or climbing plants - Ivy covered tree - Poor shape and form	- Fell Broadleaves - within 6 months as inappropriate location and Ash dieback - Stump - Chemically treat stump (eco plug)	Routine	Potentially	Medium	Fragile objects	Insignificant
Sg/001272	3	Fraxinus excelsior (Common Ash)	Yes	No	Northern boundary	up against fence	1	1	7.5	2	10	Young	Normal	Fair	- Fence under canopy - Grass surround - Parked cars	- Ash dieback - Ash stage 1 = 76-100% canopy remaining - Developing young tree - Ivy or climbing plants - Ivy covered tree	- Fell Broadleaves - within 6 months as inappropriate location and Ash dieback - Stump - Chemically treat stump (eco plug)	Routine	Potentially	Medium	Minor damage	Minimal
Sg/001273	4	Acer platanoides (Norway Maple)	No	No	Northern boundary	up against fence	1	1	8.5	4	15	Young	Normal	Fair	- Fence under canopy - Grass surround - Parked cars	- Developing young tree - Ivy or climbing plants - Ivy covered tree	- Fell Broadleaves - within 6 months as inappropriate location - Stump - Chemically treat stump (eco plug)	Routine	None apparent	Medium	Minor damage	Insignificant
Sg/001274	5	Acer platanoides (Norway Maple)	No	Yes	Off site private tree Northern boundary	TVBC owned	1	1	9	5.5	30	Young	Normal	Fair	- Building within falling distance - Fence under canopy - Parked cars	- Developing young tree - Ivy or climbing plants - Ivy covered tree - Unable to fully assess due to restricted access - Tree within the grounds of The Bungalow Site which is leased from Test Valley Borough Council. - Unable to fully assess due to ivy	- Sever climbing plant - to aid future inspections	Routine	None apparent	High	Minor damage	Insignificant
Sg/001275	6	Acer platanoides (Norway Maple)	No	Yes	Off site private tree Eastern boundary	TVBC owned	1	1	8	3	15	Young	Normal	Fair	- Building within falling distance - Fence under canopy	- Developing young tree - Ivy or climbing plants - Unable to fully assess due to restricted access - Tree within the grounds of The Bungalow Site which is leased from Test Valley Borough Council.	None required at the time of the survey.	No action required	None apparent	High	Minor damage	Insignificant
Sg/001276	7	Acer pseudoplatanus (Sycamore)	No	Yes	Off site private tree Eastern boundary	TVBC owned	1	1	18	16	65	Mature	Normal	Fair	- Building within falling distance - Fence under canopy - Shed	- Bat potential - bat box on trunk - Branch stubs present - Epicormic growth - Ivy or climbing plants - Ivy covered tree - severed but not fully died off, still live ivy on tree - Major dead wood >50mm - Minor dead wood <50mm - Narrow forks with included bark - Unable to fully assess due to restricted access - Tree within the grounds of The Bungalow Site which is leased from Test Valley Borough Council. - Unable to fully assess due to ivy	- Remove dead wood (>50mm) - Request via TVBC within 3 months for health and safety reasons - Lift canopy to 3m - Request via TVBC within 3 months for health and safety reasons - Sever climbing plant - Request via TVBC within 3 months for health and safety reasons to aid with future inspections	Priority	None apparent	High	Minor damage	Insignificant
Sg/001277	8	Malus domestica (Bramley apple)	No	Yes	Off site private tree Eastern boundary	TVBC owned	1	1	6	6	35	Mature	Normal	Fair	- Building within falling distance - shed under canopy - Fence under canopy	- Branch stubs present - Ivy or climbing plants - Ivy covered tree - Low hanging branches - Unable to fully assess due to restricted access - Tree within the grounds of The Bungalow Site which is leased from Test Valley Borough Council. - Unable to fully assess due to ivy	- Sever climbing plant - Request via TVBC within 3 months for health and safety reasons to reduce crown weight overhanging boundary and shed	Priority	Potentially	Low	Minor damage	Insignificant
Grp/001278	G1	Mixed broadleaves Acer platanoides - (2) Acer pseudoplatanus - (1) Cornus sanguinea - (4) Crataegus monogyna - (1) Fraxinus excelsior - (5) Prunus avium - (2) Rhamnus cathartica - (2) Tilia x europaea - (7)	Yes	Yes	Off site private trees Eastern boundary	TVBC and HCC	24	24	17	7	50	Middle aged	Normal	Good	- Ditch - Fence within falling distance - Fence under canopy - Shed	- Ash dieback - Ash stage 1 = 76-100% canopy remaining - Basal suckers - Branch stubs present - Coppice stool - lapsed - Crown shape distorted due to group pressure - Epicormic growth - Ivy or climbing plants - Ivy covered tree - Low hanging branches - Minor dead wood <50mm - Woodland edge tree - Wildlife habitat	- Lift canopy to 3m - Predominantly the 7 Lime trees off-site within 3 months for health and safety (x 7 tree) - Monitor (Annually) - HCC/TVBC for Ash dieback off-site boundary trees (x 5 tree) - Sever climbing plant - TVBC/HCC - Within 12 months to aid future inspections (x 20 tree)	Priority	None apparent	Low	Minor damage	Insignificant
Sg/001279	9	Sambucus nigra (Common Elder)	No	No	Within the site by access track		2	1	4	3	17	Middle aged	Low	Dead	- Shed - Track	- Bifurcated - Dead tree - Ivy or climbing plants - Ivy covered tree	- Fell Broadleaves - within 1 month for reasons of health and safety - Stump - Grind out stump	Priority	Likely	Low	Minor damage	Minimal

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SgI/001280	10	Fagus sylvatica (Common Beech)	No	Yes	Off site private tree	Southern boundary	1	1	12	7	30	Young	Normal	Fair	- Building within falling distance - Fence within falling distance - Fence under canopy - Garden	- Crown lifted - Developing young tree - Multiple old pruning wounds - Occluded pruning wounds - Occluding pruning wounds - Unable to fully assess due to restricted access	None required at the time of the survey.	No action required	None apparent	High	Fragile objects	Insignificant
SgI/001281	11	Aesculus hippocastanum (Horse Chestnut)	No	Yes	Off site private tree	Western boundary TVBC owned	1	1	12	9	69	Middle aged	Normal	Fair	- Building within falling distance - shed - Fence within falling distance - Fence under canopy - Grass surround - Road within falling distance	- Crown reduced - Crown lifted - Historical branch loss - recent limb failure onto shed roof in September 2023 and subsequent crown reduction carried out - Ivy or climbing plants - Ivy covered tree - Multiple old pruning wounds - Occluded pruning wounds - Occluding pruning wounds	None required at the time of the survey.	No action required	None apparent	Medium	Minor damage	Insignificant
SgI/001282	12	Corylus avellana (Hazel)	No	No	Western boundary		10	1	4	3	45	Middle aged	Normal	Good	- Fence within falling distance - Fence under canopy	- Coppice stool - Low hanging branches - Multi stemmed	- Coppice - within 12 months and on a cyclical basis every 5 years	Routine	None apparent	Low	Fragile objects	Insignificant

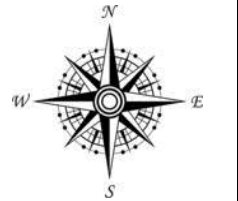


Scale	1: 500
Date	23/11/2023





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# Tree survey general guidance notes

## Tree survey notes and guidance

The tree survey is a brief assessment of the trees at the time of the inspection from ground level for health and safety and to provide guidance on the short and long-term management of the tree stock within the site. It is not intended to be a guarantee of tree safety in any form, as trees are living changing dynamic organisms. Estimates for dimensions were used where access was restricted. General descriptive details were noted about trees including tree work recommendations. All the data gathered is recorded on a tablet using Ezytreev tree management software.

## Full code

Each tree, group, hedge or woodland surveyed will be assigned a **reference number** which will relate to its location on a tree survey plan e.g. trees are a numerical number, groups have **G** at the start, shrubs have an **S**, and hedges have **H**.

## Sequence number

This is a user-defined sequence number applied to the tree survey order.

## Species

Tree species will be in both a **common name** and a **botanical Latin** name.

## Group species

Where groups or hedges are recorded with more than one species present, a count if possible will be carried out and associated with each tree and shrub species present.

## Tree position and additional position

This is the reference location for where the tree is located within a site with additional information on the exact location. The locations of the trees are also plotted against the mapping system on Ezytreev.

## Height

The dimensions are taken using a clinometer or where this is not possible they will be estimated and are given in **metres**.

### **Canopy Spread**

This is taken in **metres** as a diameter across the width of the whole canopy or calculated from the cardinal points based on pacing the distance on the ground.

### **Trunk**

Trunk/stem diameters are measured in **cm** at 1.5 metres above ground level for single-stemmed trees, or immediately above the root flare for multi-stemmed trees, using a specialist tape for converting the girth to a diameter measurement. Where access to the stem is not feasible an estimate will be made.

### **No. of stems**

The number of stems for a tree is recorded and also this relates to the number of trees or stems in a group, hedge or woodland.

### **Notes**

Are general features of the site or tree not recorded in a specific field.

### **Age**

An assessment of a tree's age classification is made in terms of its maturity within the site's landscape and recorded thus: **Sapling / Young / Middle Aged / Mature / Over Mature / Veteran.**

### **Vigour**

Is an assessment of the annual growth of the tree and the categories are low, normal, and strong.

### **Condition**

An assessment of a tree's overall **condition** is to be made as **Good, Fair, Poor, or Dead.**

<b>Good</b>	Generally in healthy condition and no structural defects observed
<b>Fair</b>	Condition satisfactory with minor structural defects that could be remediated with pruning or tree shows adaptation
<b>Poor</b>	Tree in decline, of poor structural form or of low health
<b>Dead</b>	Not alive

**Live crown**

Based on a percentage of remaining live crown 100-75% is healthy, 75-50%, 50-25%, 25-0%.

**Status**

Relates to the historical age-based assessment of trees and the criteria are Ancient, Veteran, Notable, Heritage or Champion.

**Site features**

These are a description of the location of where the tree, group or hedge is situated.

**Tree conditions**

Tree attributes and observations are key descriptions of the tree, group or woodland including defects, problems and previous tree works.

**Recommendations**

Preliminary tree management recommendations are recommended based on the assessment of the tree and will have a **time scale** for when the works should be carried out or within a time period.

**Statutory designations**

Prior to proceeding with any of the recommendations made within the tree survey, it is essential to carry out a check to see if any statutory designations apply. If the trees are within a Conservation Area or the subject of a Tree Preservation Order, the permission of the Local Authority will be required prior to carrying out any tree works. Furthermore, if the works exceed 5 cubic metres in timber volume within one calendar quarter this may require a felling licence. In addition, it is important to note key ecological and wildlife considerations for example the potential for trees to be bat roots, or the nesting bird season and wildlife habit and only carry out works in the appropriate season unless the works are urgent.

**Priority**

Timescale for carrying out any recommended works.

**Works due date**

Date recommended works are due to be carried out by or within.

## **Risk assessment**

The basis of the risk assessment is THREATS - Tree Hazard Risk Evaluation and Treatment System developed by Julian Forbes-Laird.

### **Failure score**

Consideration of identified defects in relation to species/clone history, established failure criteria & time of year based on likelihood of failure rating of **None apparent (0)/Potentially with time (0.8) / Likely, foreseeable (2) / Probable, Soon (8) / Imminent, Immediate (50).**

### **Target score**

Consideration of impact radius identified defect against potential targets. Consideration of forward visibility available to drivers (Poor Forward Visibility / Good Forward Visibility) and whether vehicles are likely to be stationary e.g. at junctions. If targets liable to include unsupervised children &/or the elderly or infirm, upgrade the target category by one category. For railway targets use THREATS NR. Target score based on **None (0) / Very low (7) / Low (15) / Medium (20) / High (25) / Very High (40).**

### **Impact score**

Consideration of height of fall/momentum & whether e.g. lower branches would impeded agent's descent based on degree of harm and consequence. Scores are outlined below.

- 1** = Fragile objects destroyed, superficial or recoverable injury to pedestrians
- 4** = Minor damage, probable disabling, hospitalising injury to pedestrians
- 6** = Moderate structural severe vehicle damage, fatal disabling injuries likely
- 10** = Severe structural damage, vehicle crushed, passenger fatalities very probable.

### **Risk evaluation**

This is the total score from the **Failure score X Target score X Impact score** which then is put against one of the following score ranges 0-49 / 50-159 / 160-329 / 330 - 999 / 1000-2000 / 2001 - 3999 / 4000+

### **Risk / Threat category**

This is based on where the score sits within the score ranges

- 0-49 = **1 - Insignificant** (Re-inspect within 5 years if general public access or 3 years if child specific access & TS>20)
- 50-159 = **2-Minimal** (Reinspect within 3 years if public access, schedule work as required)
- 160-329 = **3 - Slight** (Reinspect annually / after storms (Force 10+), expect to schedule work within 2 years)
- 330 - 999 = **4-Moderate** (Reinspect within 13 weeks, reinspect after SWE meantime (inc glad to Force 7+)



1000-2000 = **5 - Significant** (Arrange for work to be completed within four weeks maximum)  
2001 - 3999 = **6-Serious** (Close site if practical; arrange for work to be completed within 7 days)  
4000+ = **7 - Extreme** (Evacuate/prevent access to site, emergency call out of contractors).

### **Timescale**

**Inspection frequency is** based on the outcome of risk and recommendations ie within a set time period of months, annually, 3 years and up to 5 years.

### **Works already completed**

Where works recommended have been completed whilst on site.

### **Next inspection date**

**The date for the next inspection is** scheduled per tree based on the assessment of requirements and risk factors.

### **Photographs**

A photo where possible will be taken of each tree at the time of the tree survey or site visit including any additional photographs of specific defects.

### **Ivy as a tree survey limitation on site**

Where ivy is present it is not possible at the time of the survey to fully assess the condition of the stem or stems and when ivy covers the tree the same applies. A follow-up re-inspection would be recommended following the severance or removal of ivy to enable a further assessment.

### **Contact details**

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