

# Tree condition survey

at

**Charwell House  
Wilsom Road  
Alton Hampshire  
GU34 2PP**

for

**Paradigm Communication Systems Limited**

## **sapling arboriculture ltd**

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Reference: J726.03  
December 2020



 Institute of  
Chartered Foresters



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Site Charwell House, Wilsom Road, Alton, GU34 2PP

Date of survey 4<sup>th</sup> December 2020

Weather Clear with light winds

Surveyed by Ben Abbatt

Client Paradigm Communication Systems Limited

**Instruction** To carry out a negative return tree condition survey. Production of survey report and provision of management recommendations with priorities as appropriate.

The tree condition assessment is to be carried out in relation to the landowner's duty under the Occupier's Liability Act 1984 and common law. Presumption for tree management will be in favour of retention of the tree(s) where appropriate.

**Limitations** The tree survey was carried out from ground level, identifying significant tree features that may have significant bearing upon the condition and management of the tree and giving appropriate recommendations and priorities. The tree was not climbed as part of this survey.

Typical significant defects that are to be identified can be referred to in "Hazards from Trees, a general guide" by David Lonsdale and "The body language of trees" by Claus Mattheck published by the Forestry Commission and the Department of the Environment respectively.

To carry out the tree survey reasonable access around the base of the tree is required. Where this is not feasible, these parts of the tree may not be able to be inspected. If view of the entire structure of the tree(s) is limited, for instance by the properties in private ownership, this is a limitation to the tree survey and some parts of the tree may not be able to be fully surveyed.

Trees are dynamic structures and as such their condition and health may change in a short period of time, particularly in relation to changes in their immediate environment and circumstances, and as such the survey relates only to the visible condition found on the day of the survey. Tree(s) should be re-surveyed on a regular basis so that the change in condition can be identified. An appropriate time period between surveys may be up to 5 years depending upon the species, condition of the trees, their maturity / size and the target(s). Recommendations for the period between surveys will be given.

No soil investigations will be carried out.

A negative return tree survey only records the items requiring management and no more.

Tree Condition Survey Data

Site Charwell House,  
 Date of survey 4th December 2020  
 Job reference J726.03  
 Surveyor Ben Abbatt  
 Resurvey To be complete by the 1st June 2024

Designation	Reference number	Species	Age class	Physiological condition	Structural condition	Condition notes	Condition related tree works	Priority
T	300 (tag)	Raywood Ash <i>Fraxinus angustifolia</i>	Mature	Good	Fair	Rubbing branches on the powerline. Historic branch tear out at c4m with good wound wood response. Typical moderate (25 to 100mm diameter) deadwood.	Clear powerlines by 1m. Remove deadwood more than 25mm diameter.	Low
G	496 (tag)	Lawson Cypress <i>Chamaecyparis lawsoniana</i>	Middle aged	Good	Good	Rubbing branches on the powerline.	Clear powerlines by 1m.	Low
H	131 (tag)	Ash <i>Fraxinus excelsior</i>	Young	Good	Fair	Outgrown hedge interfering with telecommunications aerial service.	Bring back into hedge management.	Low
A	1	Various		Good	Poor	Self set and regenerating trees and shrubs impeding access and likely to deteriorate the bank.	Remove woody vegetation on an annual basis and treat stumps over 50mm diameter with contact systemic herbicide to prevent regrowth in the following growing season.	Low

Designation	Reference number	Species	Age class	Physiological condition	Structural condition	Condition notes	Condition related tree works	Priority
W	2	Ash, sycamore <i>Acer pseudoplatanus</i> , beech <i>Fagus sylvatica</i>	Mature	Fair	Fair	Woodland with predominantly ash and small number of sycamore and beech. Ash with 50% of trees with canopy decline commensurate with ash dieback <a href="https://www.forestresearch.gov.uk/tools-and-resources/pest-and-disease-resources/ash-dieback-hymenoscyphus-fraxineus/">https://www.forestresearch.gov.uk/tools-and-resources/pest-and-disease-resources/ash-dieback-hymenoscyphus-fraxineus/</a> . Leaning trees towards the built structures. Branch failures from beech tree on slope. Anticipated altered exposure due to removal of affected ash trees likely to lead to additional tree failures.	Remove all trees and treat with systemic herbicide to prevent regrowth. Plant replacement trees at 3m spacing, 3m from top edge of bank, 10m from dwellings, and 2m from perimeter fence (total 622sqm). Tree species to be a mix of 10% beech, 10% field maple <i>Acer campestre</i> , 10% Scots pine <i>Pinus sylvestris</i> , 10% yew <i>Taxus baccata</i> , 10% guelder rose <i>viburnum opulus</i> , 10% dogwood <i>Cornus sanguinum</i> , 10% spindle <i>Euonymus europaeus</i> , 30% hawthorn <i>Crataegus monogyna</i> . Trees and shrubs to be protected from browsing damage with Continental fine mesh shelter <a href="https://www.farmforestry.co.uk/tree-shelters-and-guards/fine-mesh-shelters/continental-fine-mesh-shelters-or-similar">https://www.farmforestry.co.uk/tree-shelters-and-guards/fine-mesh-shelters/continental-fine-mesh-shelters-or-similar</a>	Moderate
A	3	Various	Young	Good	Poor	Self set and regenerating trees and shrubs impeding access and likely to deteriorate the bank.	Remove woody vegetation on an annual basis and treat stumps over 50mm diameter with contact systemic herbicide to prevent regrowth in the following growing season.	Moderate
T	4	Sycamore	Mature	Poor	Poor	On adjacent land. Caught up in adjacent tree. Decay at base.	Remove.	Moderate
T	5	Sycamore	Middle aged	Good	Poor	On adjacent land. Self set with asymmetrical canopy towards the built structures.	Remove.	Low
T	6	Sycamore	Middle aged	Good	Poor	On adjacent land. Self set with asymmetrical canopy towards the built structures.	Remove.	Low
T	7	Sycamore	Middle aged	Good	Poor	On boundary. Multiple stems from the base prone to failure.	Remove. Treat stump to prevent regrowth.	Low

Designation	Reference number	Species	Age class	Physiological condition	Structural condition	Condition notes	Condition related tree works	Priority
T	8	Norway maple <i>Acer platanoides</i>	Mature	Good	Fair	Typical frequent moderate deadwood throughout. Powerlines running through the tree canopy.	Crown lift to 5m over the carriageway and 3m over the remainder. Remove deadwood more than 25mm diameter. Clear powerlines by 1m.	Low
T	9	Norway maple	Mature	Good	Fair	Typical frequent moderate deadwood throughout. Powerlines running through the tree canopy.	Crown lift to 5m over the carriageway and 3m over the remainder. Remove deadwood more than 25mm diameter. Clear powerlines by 1m.	Low
T	10	Lawson Cypress <i>Chamaecyparis lawsoniana</i>	Middle aged	Good	Fair	Rubbing branches and stem on the powerline.	Crown reduction to 4m and maintain at this height.	Low
T	11	Rowan <i>Sorbus aucuparia</i>	Middle aged	Fair	Fair	Rubbing branches on the powerline.	Crown reduction to 4m and maintain at this height.	Low

## General notes

The tree survey can only be an assessment of the tree at the time of the survey and the tree(s) should be re-surveyed on a regular basis. An appropriate time period between surveys may be up to 5 years depending upon the condition of the trees, their maturity and the target(s). Recommendations for the period between surveys will be given.

As trees are dynamic structures their condition and health may change in a short period of time, particularly in relation to changes in their immediate environment and circumstances. Therefore, the survey is an assessment of the trees at the time of the survey only. If there is a significant change in the immediate environment and circumstances, then this should be brought to the attention of the arboriculturalist so that they may advise accordingly.

I have not checked whether the site is within a Conservation Area or whether the trees are under Tree Preservation Order (TPO). Prior to any tree works confirmation of whether these legal restrictions apply to the site or trees ought to be sought from the Local Planning Authority (LPA). If the trees stand within a Conservation Area designated under the Town and Country Planning Act the LPA will normally require 6 weeks notice of intention to carry out any tree works as detailed in the survey. If the trees are under TPO then the LPA will normally require an application for any tree works. Some tree works are exempt, for instance if the trees are dead or dangerous, and certain works can be carried out without application. It is necessary to give the LPA at least five days notice prior to carrying out any of these tree works under these exemptions. This survey, with recommendations, can be used to support any such application or notice.

Wildlife issues are of significant concern to the general public. A balance has to be found between the protection of wildlife and the need for safety when managing trees. The Wildlife and Countryside Act (1980) and Countryside Rights of Way Act (2000) give statutory protection to wild birds, bats, mammals, some invertebrates and plants. It is important to ensure that this legislation is properly considered when carrying out any works to trees.

Bird nests were not identified whilst on site. However, any Arborist carrying out the tree works should ensure that there is no disturbance to nesting birds prior to the works being carried out. Further guidance upon the appropriate timing of the works can be sought from DEFRA, if necessary. Where nesting birds are found, further information should be sought from DEFRA 08459 33 55 77 or [helpline@defra.gsi.gov.uk](mailto:helpline@defra.gsi.gov.uk). Prior to any works being implemented the tree contractor must identify whether there are any bats or birds using the tree as roost or nest. If such habitation is identified, then the tree contractor must obtain the necessary licence from Natural England (0845 601 4523 [www.naturalengland.org.uk](http://www.naturalengland.org.uk)) to carry out the works.

During the tree works, the contractor should carry out the tree works with bats as an active consideration and follow the current industry best practice, e.g. Arboricultural Association Guidance Note 1 Bats in the context of tree work operations 2011, BS8596 Micro guide to surveying for bats in trees and woodland <https://shop.bsigroup.com/upload/273444/BSI-Bat-Microguide-UK-EN.pdf>

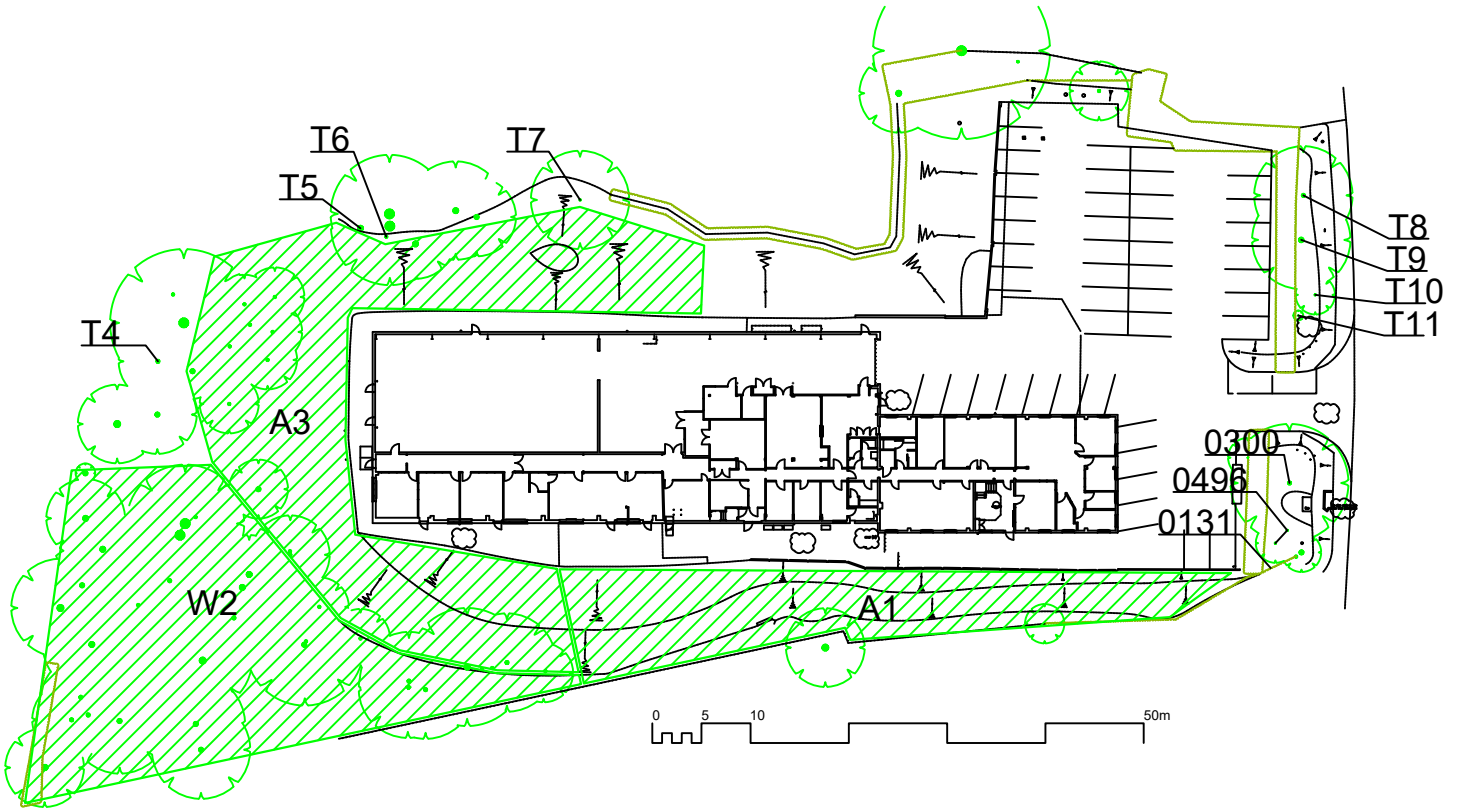
Biosecurity measures: To minimise to potential for contamination of the tree from other tree works it is appropriate to sterilise tools to be used before and after the works are implemented. Appropriate disinfectant includes Propellor or Cleankill Sanitizing spray. Loose debris is to be brushed off prior to treating with disinfectant to ensure appropriate application. See [http://www.forestry.gov.uk/pdf/FCMS028-guidance.pdf/\\$file/FCMS028-guidance.pdf](http://www.forestry.gov.uk/pdf/FCMS028-guidance.pdf/$file/FCMS028-guidance.pdf) for further information on Biosecurity and <http://www.forestry.gov.uk/forestry/infd-9fjd2d> for disinfectant information.

## Key to condition survey sheet

<b>Desig</b>	Designation (T is Tree, G is Group, H is Hedge, W is woodland, S is Stump)	
<b>No</b>	Tree number.	
<b>Species</b>	Species of tree.	
<b>Height</b>	Height measured in metres.	
<b>Canopy spread</b>	Canopy spread in metres is taken at the four cardinal points to derive an accurate representation of the crown.	
<b>Age Class (Age)</b>	<b>Young</b>	A tree considered to be less than approximately 20 years old.
	<b>Middle aged</b>	A tree in approximately the first 1/5th of its normal life span with apical dominance (rapidly growing with a clear main leader) and not yet fully at its environmental potential full height.
	<b>Mature</b>	A tree in its 2/5ths to 5/5ths of its normal life span with apical dominance lost and at its environmental potential full height.
<b>Condition</b> (Physiological and Structural)	<b>Good</b>	A tree of typical physiological and structural condition that requires only general tree works to facilitate its retention in the landscape.
	<b>Fair</b>	A tree of impaired physiological and / or structural condition that may require remedial and general tree works to facilitate its retention in the landscape.
	<b>Poor</b>	A tree of significantly impaired physiological and / or structural condition that will require remedial and general tree works to facilitate its retention in the landscape if feasible.
<b>Recommendations</b>	As per BS3998: 2010 Recommendations for Tree Works.	
<b>Priority</b>	<b>Immediate</b>	Works should be carried out immediately as the probability of harm or damage occurring is likely.
	<b>High</b>	These works are important to carry out as soon as reasonably possible and any budget available for tree management should be spent upon these trees before the moderate and low categories. Works in this category usually will relate to abatement of risk for harm and or damage to occur. Ideally works in this category are anticipated to be carried out within 1 month.
	<b>Moderate</b>	These works are important to carry out as soon as reasonably possible and any budget available for tree management should be spent upon these trees before the low categories. Works in this category usually will relate to abatement of risk for harm and or damage to occur and for the good arboricultural management of the trees. Ideally works in this category are anticipated to be carried out within 3 months.
	<b>Low</b>	Works in this category usually will relate to the good arboricultural management of the trees. Ideally works in this category are anticipated to be carried out within 12 months.
<b>Re-survey</b>	This is the time period in which it is recommended that the tree is surveyed again. This is based upon the condition of the tree, its location, previous, current and future management. It is normally expressed at a time period from the date of the report / survey, whichever is the sooner. If no time period is noted then the default period is one year.	

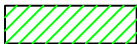


## Site plan



**General / Key:**

Indicative group



Indicative tree position



Site Charwell House

Data: Site survey data provided by Client.

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**Drawing title:**

Tree survey plan

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**Scale:** Not provided on A4

**Sheet:** 1 of 1

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