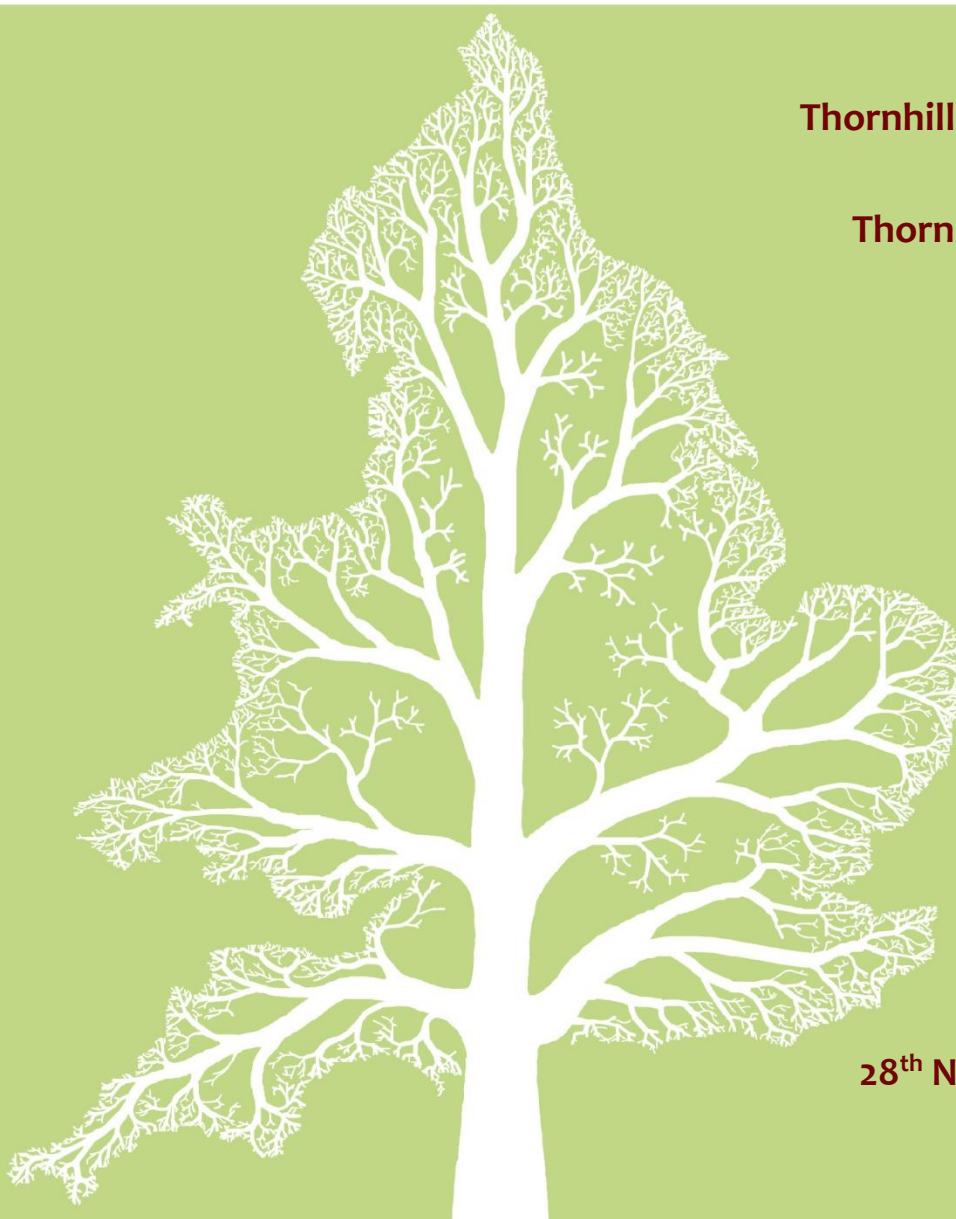


Tree Condition Report

& Management Recommendations



at
Thornhill Parish Church
Church Lane
Thornhill, Dewsbury
WF12 0JZ

Dated
28th November 2022



Branching out through England and Wales

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1. Introduction

1.1. Instructions and References

- 1.1.1. I am instructed by Brian Pearson to conduct an Arboricultural Survey at Thornhill Parish Church and produce my findings in a report.
- 1.1.2. I have sketched the prominent features of the site and plotted tree positions to enable them to be identified from the Tree Location Plan at Appendix 5.

1.2. Scope and Purpose of the Report

- 1.2.1. The purpose of the report is to highlight any issues which may be of concern from a safety perspective. All hazards and potential hazards are recorded, and appropriate recommendations are made to reduce risk to acceptable levels.

1.3. Tree Survey and Tree Data Schedule

- 1.3.1. The *Tree Location Plan* and *Tree Data Schedule* in Appendix 5 contain information gathered for each tree during a ground-level survey undertaken on the 18th of November 2022. The survey was conducted by Joe Taylor. No climbed inspections or specialist decay detection were undertaken.
- 1.3.2. The Schedule includes scaled tree images based on the sizes recorded for stem diameter, crown spread, crown height and overall height. Their purpose is to indicate, at a glance, the relative dimensions of each tree. These dimensions were estimated and should be treated as indicative only.

1.4. Brief Site Description

- 1.4.1. The trees surveyed are growing within the grounds of Thornhill Parish Church.

1.5. Supporting Information

- 1.5.1. A definition of the Safety Categories can be found in Appendix 1. All other terms used within the Tree Data Schedule are defined and explained in Appendix 3.

1.6. Author

- 1.6.1. This report was compiled by Joe Taylor - FdSc (Arboriculture), M. Arbor A. Details of the author's experience that qualify him to produce such a report are detailed in Appendix 4.

2. Tree Condition and Recommendations

In this section, I have grouped all of the trees according to the type of work recommended. The table at Appendix 5 includes all trees in chronological order. The Tree Location Plan can also be found there.

2.1. Trees to Remove

2.1.1. Trees recommended for removal are listed below.

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m)	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value	
											Physiological Condition	Life Expectancy (yrs)
								Priority	Inspect Freq (yrs)		Structural Condition	Safety Class
T32	Mature Sycamore <i>Acer pseudoplatanus</i> .	16	3	90 @ Base	5		Position: T 0730. Form: Multi-stemmed at 2.5m with a balanced crown. History: No evidence of significant pruning. Defects: Crossing branches throughout included bark at stem junction. Other: Cankers, patches of dead bark and exposed timber throughout. Sparse canopy & significant dieback. Low safe useful life expectancy.	Remove		High	Poor	High 10-20
								High	N/A		Poor	3
T69	Semi-Mature Horse Chestnut <i>Aesculus hippocastanum</i> .	12	3	55	5		Position: T 3113. Form: Twin-stemmed at 2.5m with a balanced crown. History: No evidence of significant pruning. Defects: Early symptoms of Bleeding Canker, exudates. Other: Bud proliferation very low and suppressed by adjacent trees - low safe useful life expectancy.	Remove or monitor.		Low	Poor	High 10-20
								High	0.5		Poor	3

2.2. Pruning Hazardous Trees

2.2.1. Trees that require remedial pruning works to make them safe are listed below:

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m)	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value	
											Physiological Condition	Life Expectancy (yrs)
								Priority	Inspect Freq (yrs)		Structural Condition	Safety Class
T55	Semi-Mature Sycamore <i>Acer pseudoplatanus</i> .	15	2	54	5		Position: T 3111. Form: Multi-stemmed at ground level with a narrow, upright habit. History: No evidence of significant pruning. Defects: Included bark at 1m. Acceptable condition at present due to vertical stems.	Reduce eastern stem as shown in report and reduce eastern canopy spread by 3m.		High	Good	High 20-40
								Moderate	1.5		Fair	3

Additional Notes: Significant included bark was observed trapped between the stem unions T55. Included bark occurs where two stems grow at an acute angle with a V-shaped notch. A healthy junction between two stems will be U-shaped, enabling both stems to widen without bark becoming trapped within them. Furthermore, bark often becomes trapped at this point, further weakening the structure. This is what has happened to this tree, where it becomes multiple-stemmed.

2.2.2. Trees where other pruning works have been recommended are listed below:

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m)	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value	
											Physiological Condition	Life Expectancy (yrs)
								Priority	Inspect Freq (yrs)		Structural Condition	Safety Class
T59	Early-Mature Sycamore <i>Acer pseudoplatanus</i> .	15	3	70	7		Position: T 3105. Form: Multi-stemmed at 3m with a balanced crown. History: Branch stub, south west. Defects: Significant branch stub extending south west.	Remove branch stub.		High	Good	High 40+
								Low	1.5		Good	2
T60	Semi-Mature Sycamore <i>Acer pseudoplatanus</i> .	15	3	55	7		Position: T 3109. Form: Multi-stemmed at 2.5m with a balanced crown. History: Occasional pruning wounds due to crown lifting (healing slowly). Defects: Minor pruning wound at 2m, minor deadwood throughout.	Crown clean.		High	Good	High 40+
								Low	1.5		Fair	2
T61	Early-Mature Sycamore <i>Acer pseudoplatanus</i> .	14	3	70	5		Position: T 3104. Form: Multi-stemmed at 3m with a balanced crown. History: Occasional pruning wounds due to crown lifting (healing slowly). Defects: Minor deadwood and branch stubs throughout.	Crown clean.		High	Good	High 40+
								Moderate	1.5		Fair	2

2.3. Monitoring Defects

2.3.1. Trees which are considered to be in an acceptable condition at present but which have defects that require more regular professional inspections are listed below and overleaf:

Reference G = Group N = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m)	N W E S	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value	
									Priority	Inspect Freq (yrs)	Physiological Condition	Structural Condition	Life Expectancy (yrs) Safety Class
T5	Early-Mature Sycamore <i>Acer pseudoplatanus</i> .	13	3	70	4	7 3		Position: T 3118. Form: Single stemmed and vertical with an unbalanced crown. History: No evidence of significant pruning. Defects: Significant bark wound at base. 1.5m good formation of wound wood.	Monitor.		High	Good	High <10
									Moderate	1.5	Poor		2
T18	Early-Mature Horse Chestnut <i>Aesculus hippocastanum</i> .	13	2	70	4	4 6		Position: T 3120. Form: Multi-stemmed at 2.5m with a balanced crown. History: Occasional pruning wounds due to crown lifting (now healed). Defects: No significant defects observed. Other: Recovering from HCBC. Bark cracks healing, no exudates, good bud proliferation.	Monitor.		Moderate	Good	High 40+
									High	1.5	Fair		2
T19	Early-Mature Horse Chestnut <i>Aesculus hippocastanum</i> .	14	2	70	4	4 6		Position: T 3122. Form: Multi-stemmed at 2.5m with a balanced crown. History: Multiple pruning wounds due to crown lifting (healing slowly). Defects: Bark wound at base, good formation for wound wood. Included bark at stem junction. Other: Early symptoms of Bleeding Canker, cracking at base and minor exudates. Still minor symptoms.	Monitor.		High	Good	High 20-40
									Moderate	1.5	Poor		2
T24	Early-Mature Horse Chestnut <i>Aesculus hippocastanum</i> .	11	3	45	4	5 6 6		Position: Crown overhangs the footpath, T 3102. Form: Multi-stemmed at 2.5m with a balanced crown. History: Multiple pruning wounds due to crown lifting (healing slowly). Major branch removed at 1.5m. Two significant southern branches removed. Defects: Advanced symptoms of Bleeding Canker. Bark is healing with good bud proliferation throughout.	Monitor.		High	Poor	High 10-20
									Moderate	1	Fair		3
T28	Early-Mature Horse Chestnut <i>Aesculus hippocastanum</i> .	12	3	65	7	5 7 5		Position: T 3121. Form: Multi-stemmed at 3m with a well-formed crown. History: No evidence of significant pruning. Defects: Minor bark wound at 2m, good formation of wound wood. Other: Early symptoms of HCBC at 3.5m. No exudates.	Monitor.		High	Fair	High 40+
									Moderate	1.5	Good		2
T37	Semi-Mature Whitebeam <i>Sorbus aria</i> .	14	4	40	8	2 3		Position: T 3106. Form: Twin-stemmed at 2m with an unbalanced crown and leaning. History: No evidence of significant pruning. Defects: Included bark and crossing stems, acceptable condition at present.	Monitor.		Moderate	Fair	High 10-20
									Low	1.5	Poor		2
T38	Semi-Mature Cherry <i>Prunus sp.</i>	9	2	42	8	2 0 2		Position: T 3124. Form: Multi-stemmed at ground level with an unbalanced crown. History: No evidence of significant pruning. Defects: Crossing branches to lower crown. Significant tear wound at 3m. Other: Poorly formed specimen.	Monitor.		Low	Good	Moderate <10
									Moderate	1.5	Fair		2
T40	Early-Mature Cherry <i>Prunus sp.</i>	12	4	53	3	3 5		Position: T 3103. Form: Twin-stemmed at ground level with a narrow, upright habit. History: No evidence of significant pruning. Defects: Deadwood and branch stubs throughout. Bark wound and minor cavity developing at 1.5m. Cavity probes and acceptable residual wall present and did not continue up or down. Other: Poorly formed specimen.	Monitor.		Low	Poor	Moderate <10
									Moderate	1	Poor		2
G44	Early-Mature Cherry And Sycamore <i>Prunus and acer</i> .	av 9	av 4	40 @ Base	av 5	5 5 each		Position: T 3114. Form: Multi-stemmed at ground level with a poorly formed crown. History: Large cherry branch removed at 1.5m, healing slowly. Defects: Crossing stems, one sycamore fused with two cherry stems.	Monitor.		Moderate	Fair	Low 10-20
									Low	1.5	Poor		2
T69	Semi-Mature Horse Chestnut <i>Aesculus hippocastanum</i> .	12	3	55	2	4 4		Position: T 3113. Form: Twin-stemmed at 2.5m with a balanced crown. History: No evidence of significant pruning. Defects: Early symptoms of Bleeding Canker, exudates. Other: Bud proliferation very low and suppressed by adjacent trees - low safe useful life expectancy.	Remove or monitor.		Low	Poor	High 10-20
									High	0.5	Poor		3
T70	Semi-Mature Sycamore <i>Acer pseudoplatanus</i> .	14	4	40	3	3 5		Position: T 3115. Form: Multi-stemmed at 3m with a balanced crown. History: Occasional pruning wounds due to crown lifting. Defects: Minor deadwood throughout.	Monitor.		Low	Poor	High 10-20
									Low	1.5	Fair		2
T71	Mature Horse Chestnut <i>Aesculus hippocastanum</i> .	13	1	70	5	4 6		Position: T 3116, crown overhangs the footpath. Form: Multi-stemmed at 3.5m with a well-formed crown. History: No evidence of significant pruning. Defects: Significant symptoms of Bleeding Canker, exudates. Other: Good bud proliferation, coping well.	Monitor.		High	Poor	High 20-40
									Moderate	1.5	Fair		3

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m)	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value	
											Physiological Condition	Life Expectancy (yrs)
								Priority	Inspect Freq (yrs)		Structural Condition	Safety Class
T76	Mature Sycamore <i>Acer pseudoplatanus</i> .	17	2	70	8	8		Monitor.		High	Good	40+
											Fair	2
T83	Early-Mature Sycamore <i>Acer pseudoplatanus</i> .	16	4	60	8	1		Monitor.	1.5	Moderate	Fair	20-40
											Fair	2

Additional Notes: Trees recommended for monitoring usually have a defect that is not currently considered hazardous though may worsen in the near future. Monitoring allows for a timeline of observations that can be compared to give a better analysis of a tree's condition and, consequently, any management strategies

The Horse Chestnuts, T18, T19, T24, T28, T69 and T71, should be monitored for symptoms of Bleeding Canker of Horse Chestnut (*Pseudomonas syringae*). Symptoms associated with the disease include exudates to the stem, cracking bark and a sparse upper crown. If the bark begins to crack away from the stem, the wood will become embrittled, and remedial action may be required. Ultimately the disease can lead to tree death, but trees can also have periods of remission and even recover. Consequently, we recommend that the condition of these trees are monitored annually.

The website: <https://www.forestry.gov.uk/fr/bleedingcanker> gives further information on this disease.

2.4. Climbed Inspection

2.4.1. Trees with defects which are difficult to assess from ground level and therefore require an additional climbed inspection are listed below:

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m)	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value	
											Physiological Condition	Life Expectancy (yrs)
								Priority	Inspect Freq (yrs)		Structural Condition	Safety Class
T86	Mature Beech <i>Fagus sylvatica</i> .	18	5	100	6	6		Climbed inspection of cavity.	1	High	Good	40+
											Fair	3

Additional Notes: A detailed climbed inspection is recommended to provide a closer assessment of the extent of the cavity and potential decay to allow for a better-informed management recommendation to be made.

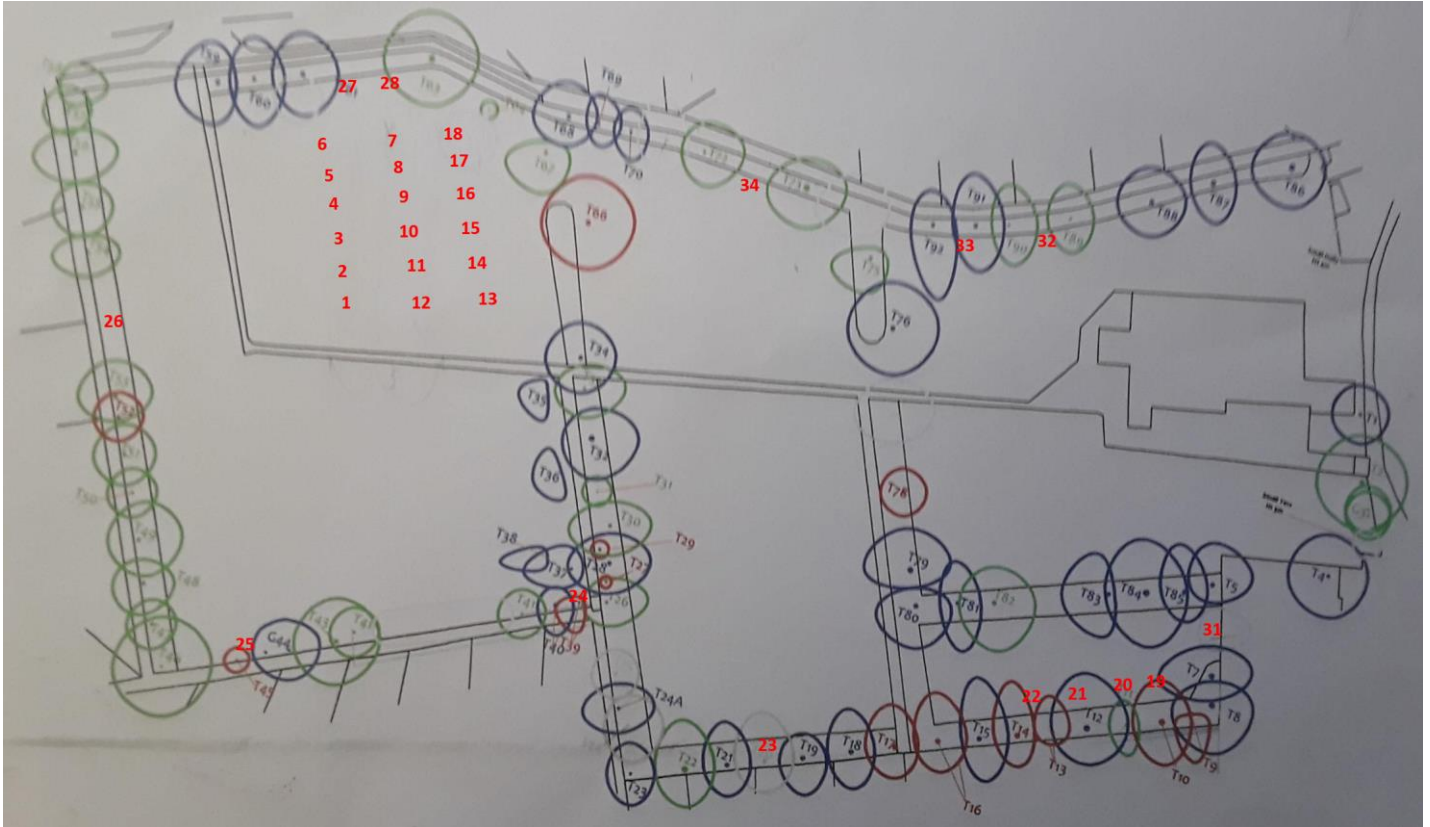
2.5. Other Works

2.5.1. Trees where other works have been recommended are listed below:

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m)	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value	
											Physiological Condition	Life Expectancy (yrs)
								Priority	Inspect Freq (yrs)		Structural Condition	Safety Class
T24A	Semi-Mature Sycamore <i>Acer pseudoplatanus</i> .	11	4	45	4	6		Remove epicormic growth.	1.5	Moderate	Fair	20-40
											Fair	2
T33	Semi-Mature Sycamore <i>Acer pseudoplatanus</i> .	15	4	45	5	7		Remove epicormic shoots at base.	3	Moderate	Good	40+
											Good	1

2.6. Newly Planted Specimens

- 2.6.1. Numerous new trees have been planted throughout the site, and their locations are indicated in the below image. This image was provided to us and highlights the locations of the new trees by red numbers.



- 2.6.2. The majority of new trees throughout the site are in good condition; however, tree number 27 is dead.
- 2.6.3. All new trees are still staked, and the ties for tree numbers 1 – 6, 9, 13 – 18, 23 – 26 and 28 are too tight. Generally, it is recommended that stakes and ties are removed as soon as the developing root system is strong enough to support the tree, which is usually equal to two growing seasons. Consequently, we recommend that the tight ties are loosened if the tree was planted less than two years ago or that the ties are removed if the tree was planted more than two years ago.
- 2.6.4. All the young trees would benefit from a layer of woodchip mulch around the base of their stems (0.5m radius, 75mm deep). Mulching in this manner prevents strimmer damage, retains moisture in the soil and deters competition for moisture and oxygen from grass roots and weeds.

2.7. Work Priority and Future Inspections

- 2.7.1. To assist with the budgeting of funds, all works have been allocated a priority based on the perceived risk associated with each defect. A schedule is proposed below for the timing of operations. Works may be undertaken sooner, though it is not recommended that the suggested timescales are extended.

Work Priority	Definition	Tree Number
Urgent	As soon as possible	None
Very High	Within 1 month	T10 and T14
High	Within 3 months	T6, T13, T16, T18, T39, T69, T73, T78 and T86
Moderate	Within 1 year	T5, T9, T19, T24, T24A, T28, T38, T40, T52, T55, T61, T66, T71, T76 and T83
Low	Non essential works	T21, T27, T29, T33, T37, G44, T45, T59, T60 and T70

- 2.7.2. Following completion of these works the trees shall be in an acceptable condition. However, trees are dynamic organisms and should be inspected regularly. The table below suggests a schedule of future inspections based on the condition and location of each tree:

Inspection Frequency (years)	Tree Number
0.5	T6, T69, T77, T80 and T81
1	T7, T24, T40, T73, T84, T85, T86 and T87
1.5	T1, T2, T3, T5, T8, T12, T18, T19, T21, T22, T24A, T28, T30, T32, T34, T35, T36, T37, T38, T41, G42, G44, T46, T51, T54, T55, T58, T59, T60, T61, T62, T63, T65, T68, T70, T71, T72, T74, T75, T76, T79, T83, T89, T90, T91 and T92
3	T4, T11, T15, T17, T20, T23, T25, T26, T31, T33, T43, T47, T48, T49, T50, T53, T56, T57, T64, T67, T82 and T88

- 2.7.3. The trees should be inspected sooner if there is a noticeable decline in their condition, or following extreme weather events.

2.8. Statutory Protection

- 2.8.1. Heavy fines exist for carrying out unauthorised works to protected trees. We advise that thorough checks are made to determine if the trees are covered by a tree preservation order or lie within a conservation area. This may be done by either writing to your local authority or studying their website. The procedure varies according to the particular authority. Crown Tree Consultancy can determine the statutory protection status on your behalf if desired. Simply write to info@crowntrees.co.uk or call 08000 141330.
- 2.8.2. Before undertaking works to trees protected by a Tree Preservation Order, consent needs to be obtained from the local authority, who will provide application forms and advice to potential applicants. The removal of deadwood is exempt.
- 2.8.3. Where trees are located in a Conservation Area, works are not permitted without first giving the local authority six weeks' notice of intention. During this time, the local authority may elect to create a Tree Preservation Order or inform the applicant that they have no objection to the proposed works. If the local authority does not respond within six weeks, then the intended work may be undertaken. Note: the local authority cannot refuse consent for works to trees within a conservation area; they may only create a tree preservation order if they wish to have further control over what works are undertaken.

3. Photographs

Photo 1. T5



Photo 2. T18



Photo 3. T18



Photo 4. T18



Photo 5. T19



Photo 6. T19



Photo 7. T19



Photo 8. T28



Photo 9. T28



Photo 10. T28



Photo 11. T28



Photo 12. T32



Photo 13. T32

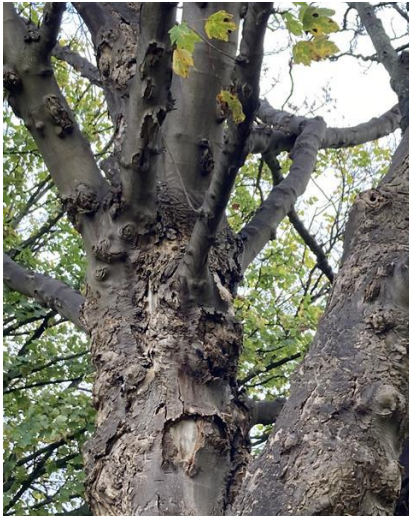


Photo 14. T32



Photo 15. T32



Photo 16. T32

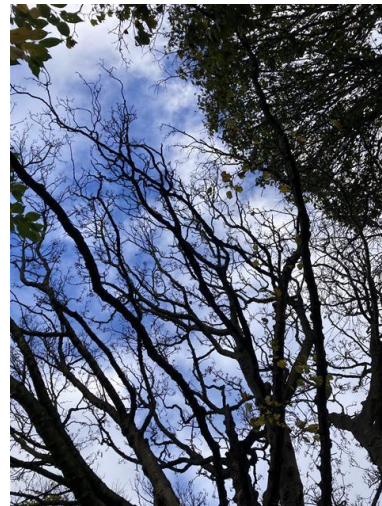


Photo 17.



Photo 18. T55



Photo 19. T55



Photo 20. T69



Photo 21. T69



Photo 22. T71



Photo 23. T71



Photo 24. T76



Photo 25. T83



Photo 26. T83

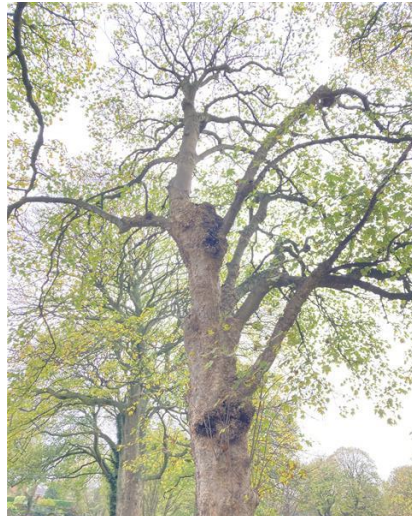


Photo 27. T86



Photo 28. T86



Photo 29. T86



Appendix 1: Safety Categories

A *Safety Class* has been assigned to each tree according to its condition, defects observed, and the works that have been recommended. An explanation of each category is offered below:

- Safety Class 1:** Trees in good condition. No defects apparent or likely to develop in the foreseeable future. No significant works are required to maintain them in an acceptable condition.
- Safety Class 2:** Trees with **minor defects**. Pruning works are usually required to ensure that they are in an acceptable condition (unless they are remotely located).
- Safety Class 3:** Trees with **significant defects**. Works are usually necessary to bring them into an acceptable condition (unless they are remotely located).
- Safety Class 4:** Trees with **major defects**. These trees often require removal or significant pruning works (unless they are remotely located).

It should be noted that not every tree falls neatly into one of the 4 categories listed above. Trees are complex organisms and often have multiple defects. In which case, the category deemed to be most appropriate is selected.

Appendix 2: Survey Methodology

- A2.1 A ground level visual survey was carried out using the *Visual Tree Assessment* technique described by Mattheck and Broeler (1994) and endorsed by the Arboricultural Association (LANTRA Professional Tree Inspection course, 2007).
- A2.2 Structural condition was assessed by inspecting the stem and scaffold branches from all angles looking for weak branch junctions or symptoms of decay. Particular attention was paid to the stem-base. Cavities were explored using a metal probe to assess the extent of any decay. If this was not possible further inspection was recommended in the form of a climbed inspection or using specialist decay detection equipment.
- A2.3 The physiological condition was assessed by inspecting the stem, branches and foliage for symptoms of disease. The overall vigour of the tree was also taken into account.
- A2.4 Where the condition of a tree was deemed to be unacceptable, recommendations were made according to a scale of priority to reduce the liability of the owner. The position of the tree and its potential targets were taken into account.
- A2.5 Measurements were obtained using a diameter tape, clinometer, distometer and loggers tape. Where this was not practical measurements were estimated.
- A2.6 Some trees were surveyed as groups, though this was avoided close to areas likely to be developed.
- A2.7 Finally, a *safety category* was allocated as described in section 2.

Appendix 3: Explanation of Tree Data and Glossary

This section explains the terms used in the **Tree Data Schedule**.

A3.1 General Observations

A3.1.1 Numbering System: Each item of vegetation has its own unique number prefixed by a letter such that T1 = Tree 1, G2 = Group 2, H3 = Hedge 3 and W4 = Woodland 4.

A3.1.2 Age Categories:

Young Usually less than 10 years old.

Semi-Mature Significant future growth to be expected, both in height and crown spread (typically below 30% of life expectancy).

Early-Mature Full height almost attained. Significant growth may be expected in terms of crown spread (typically 30-60% of life expectancy).

Mature Full height attained. Crown spread will increase but growth increments will be slight (typically 60% or more of life expectancy).

Veteran A level of maturity whereby significant management may be required to keep the tree in a safe condition.

Over Mature As for veteran except management is not considered worthwhile.

A3.1.3 Species: Common names and Latin names are given.

A3.1.4 Height: Measured from ground level to the top of the crown.

A3.1.5 Stem Diameter: Taken at 1.5m above ground level where possible. On multi-stemmed trees this measurement may be taken at ground level though usually an indication of the number of stems and average diameter is given, e.g. 3 x 30cm.

A3.1.6 Crown Height: Measured from ground level to the height at which the main crown begins. Where the crown is unbalanced it is measured on the side deemed to be most relevant. This is usually the side facing the area of anticipated development.

A3.1.7 Tree Diagram: This scaled drawing is computer animated based on measurements taken for stem diameter, crown height and spread and overall height. It is designed to help the reader rapidly assess the data. It is not an accurate representation of the form of the tree.

A3.1.8 Crown Spread: Measured north, east, south and west. This is taken from the centre of the stem and usually rounded up to the nearest metre.

A3.1.9 Observations: If a tree's position is considered to be relevant it will be commented upon (e.g. overhanging a children's play area). Tree form and pruning history are also recorded along with an account of any significant defects. Defects and descriptive terms are dealt with in more detail at the end of this section.

A3.1.10 Recommendations: Usually based on any defects observed and intended to ensure that the tree is in an acceptable condition.

A3.1.11 Priority Scale: Depending upon the threat posed by the tree, and the likelihood of failure, recommendations should be carried out according to the following priority scale:

Urgent	To be carried out as soon as possible.
Very High	To be carried out within 1 month.
High	To be carried out within 3 months.
Moderate	To be carried out within 1 year.
Low	To be carried out within 3 years.

A3.1.12 Inspection Frequency: An interval of 6 months, 1 year, 1.5 years or 3 years is allocated before the next inspection is due. Wherever practical, consideration should be given to seasonal changes

so that deciduous trees are not always surveyed in winter when they have no leaves, or in summer when leaves may obscure branches within the upper crown.

A3.1.13 Vigour (An indication of growth rate and the tree's ability to cope with stresses):

High	Having above average vigour.
Moderate	Having average vigour.
Low	Having below average vigour.
Very Low	Tree is struggling to survive and may be dying.

A3.1.14 Physiological Condition:

Good	Healthy and with no symptoms of significant disease.
Fair	Disease present or vigour is impaired.
Poor	Significant disease present or vigour is extremely low.
Very Poor	Tree is dying.

A3.1.15 Structural Condition:

Good	Having no significant structural defects.
Fair	Some defects observed though no high priority works are required.
Poor	Significant defects found. Tree requires monitoring or remedial works.
Very Poor	Major defects which will usually require significant remedial works or tree removal.

A3.1.16 Amenity Value:

Very High	Exceptional specimen, observable by a large number of people.
High	Attractive specimen, observable by a significant number of people.
Moderate	One of the above factors is not applicable.
Low	Unattractive specimen or largely hidden from view.

A3.1.17 Life Expectancy: The estimated number of years before the tree may require removal. Classified as (<10), (10 – 20), (20 – 40), or (40+).

A3.1.18 Safety Category: These are explained in detail in Appendix 1.

A3.2 Evaluation of Defects

A3.2.1 Cavities, wounds, deadwood etc are all evaluated as follows:

Major	Such that structural integrity is, or will become, compromised and the tree is, or will inevitably become, hazardous.
Significant	A defect that may over time become a major defect, though not necessarily so. This will depend on the vigour of the tree and its ability to deal with decay etc.
Minor	A defect that is not likely to compromise the structural integrity of the tree.

General Glossary

Adaptive growth	In tree biomechanics, the process whereby wood formation is influenced both in quantity and quality by the action of gravitational forces and mechanical stresses on the cambial zone.
Aerobic	Conditions in which oxygen is freely available, or to biomechanical processes that depend on the presence of oxygen.
Anaerobic	A condition marked by the absence of oxygen; Generally such areas are unsuitable for normal life and growth of plant tissues. These sites tend to be populated by bacteria capable of surviving low oxygen conditions often associated with Slime Flux.
Arboricultural Implication Assessment	The early involvement of an arborist on a development site can avoid costly delays and mistakes whilst allowing a site to achieve its full potential and retain important trees.
Arboriculture	The culture and management of trees as groups and individuals primarily for amenity and other non-forestry purposes.
Arborist	A person possessing the technical competence through experience and related training to provide management of trees or other woody plants in a landscape setting. Generally involved with the development or management of trees for visual amenity or land management rather than the growth of trees for product or profit.
Ariel Inspection	The science of inspection is continually evolving, however, there can be little substitute for close inspection of a particular feature. We are happy to undertake a full Ariel inspection service, compliant with all health and safety legislation.
Barrier zone	A layer within an annual increment of wood which contains abnormal xylem cells, laid down by the cambium in response to wounding or other trauma.
Biomechanics	This area of tree care has come to the fore in recent years, enabling a more accurate assessment of tree stability to be undertaken. Often trees previously condemned, can be managed and confidently retained to offer ongoing benefits.
Body language	In trees, the outward display of growth responses and or deformation in response to mechanical stress.
Bole	Or Trunk, the main stem of a tree below its first major branch.
Bracket	A type of fruiting body produced by various fungal species, plate like to hoof like in shape and often a one sided attachment to the wood or bark.
Branch bark ridge	A ridged area located at the union of a branch to a trunk or stem.
Branch Collar	Trunk tissue that forms around the base of a branch between the main stem and the branch, or between a main branch and a lateral branch. As a branch decreases in vigour or begins to die, the collar usually becomes more pronounced and completely encircles the branch.
Brown Rot	Form of decay where cellulose is degraded, while lignin is only modified.
Buttress Root	Roots that emerge from the base of the tree stem, normally large and well developed that rapidly reduce in diameter to create the Root Plate this offers structural support for the tree. Buttress roots divide rapidly forming the connection between the stem and the transport roots.
Cabling Bracing	Installation of steel cables, attached to lag screws or bolts placed in tree limbs, to provide additional support or to limit movement and stress of limbs. Recent developments have established non-injurious flexible systems that enable the partial movement of parts within reasonable limits enabling the trees to produce Reaction growth and forms an excellent alternative to Propping The installation of such features does require legal interpretation.
Callus	Undifferentiated cells often formed at the edges of recent injuries. This tissue quickly becomes differentiated, forming cells of the type characteristic of that position on the tree (e.g. forming wood, bark, roots, etc.) see wound response tissue.
Cambium	A thin layer of actively growing and dividing cells, located between the xylem (sapwood) and bark of a plant; the part responsible for radial growth of a tree stem or branch.
Canopy	The topmost layer of twigs and foliage in a woodland, tree or group of trees.
Cellulose	A carbohydrate consisting of molecules bonded in strings to create filaments; a key component of plant cell walls. May be selectively destroyed by fungi.
Canker	A localised area of dead bark and cambium on a stem or branch, caused by fungal or bacterial organisms, characterised by woundwood development on the periphery. This may be annual or perennial.
Cavity	An open and exposed area of wood, where the bark is missing and internal wood has been decayed and dissolved.
Chlorotic	Also Chlorosis. A condition of the plant marked by yellowing of normally green foliage, often indicating nutrient deficiency or plant dysfunction.
Clinometer	Devices that measures vertical angles, and provides direct height measurements of objects by triangulation.
Co-dominant stems/trunk	Are forked branches or trunks of nearly the same size in diameter and lacking a normal branch union.
Compacted soils	Soils in which the air-space (oxygen space) has been reduced or eliminated, reducing water infiltration and percolation, reducing root presence and inhibiting new root development.
Compartmentalisation	The physiological process that creates the chemical and mechanical boundaries that act to limit the spread of disease and decay organisms.
Compression Failure	Localized buckling of fibres and other longitudinal elements produced by compression of wood along the grain; compression failures sometimes develop in standing trees.
Compression Strength	The ability of a material or structure to resist failure when subjected to compressive loading; measurable in trees using special drilling devices
Compression Wood	Abnormal wood formed on the lower side of branches and curved stems, with physical properties different from normal wood.
Conservation Area	In Great Britain, designated areas of architectural or historical interest, in which there are special procedures for planning applications. Additionally tree works cannot generally be undertaken without prior notification (Currently 6 weeks) to the relevant local planning authority. See also Tree Preservation Orders.
Core Sample	A sample of wood extracted from a trunk or branch, using an increment borer tool. The resulting core can be analysed for characteristics of growth, wood strength, structure, decay, and for species identification.
Crotch	The union of two or more branches; the auxiliary zone between branches.
Crown	The upper canopy of a tree, including upper trunk, scaffold branches, secondary branches, stems and leaves.

Crown lifting / raising	Crown Lift The removal of the lowest branches, usually to a given height. It allows more residual light and greater clearance underneath for vehicles etc.
Crown reduction	The reduction of a tree's height or spread while preserving its natural shape.
Crown thinning	The removal of some of the density of a tree's crown, usually 5-25% allowing more light through its canopy and reducing wind resistance.
Deadwood (noun)	Deadwood is often present within the crown or on the stems of trees. In some instances it may be an indication of ill health, however, it may also indicate natural growth processes. If a target is present beneath the tree, deadwood may fall and cause injury or damage and should be removed, otherwise deadwood can remain intact for conservation purposes (insects, fungi, birds etc.).
Deadwood (verb)	The removal of dead branches from a tree's canopy, usually of a specified size (in diameter).
Decay	Progressive deterioration of organic tissues, usually caused by fungal or bacterial organisms, resulting in loss of cell structure, strength, and function. In wood, the loss of structural strength.
Decay Detection	The assessment of decay within a tree has been traditionally difficult, but recent advances have made it possible to achieve accurate representations of the internal section of a tree in both 2D and 3D, removing doubt over the condition of the tree and allowing accurate management decisions.
Decurrent	In trees a, system of branching in which the crown is borne on a number of major widely spreading limbs of similar size. In fungi relates to toadstools whose gills run down the stem and leaves and other plant organs, which extend down the stem.
Defect	In relation to tree hazards, any feature of a tree which detracts from the uniform distribution of mechanical stress, or which makes the tree mechanically unsuited to its environment.
Defoliation	The losing of plants foliage.
Dieback	Progressive death of buds, twigs and branch tissues, on individual limbs resulting in Deadwood, or throughout the canopy, extreme cases can result in Stag Heading.
Dripline	A projected line on the ground that corresponds to the spread of branches in the canopy; the farthest spread of branches.
Epicormic shoots	Fast growing, weakly attached shoots/branches that often grow as a response to stress factors upon a tree or branch removal.
Excurrent	In trees, a system of branching that a single leader remains dominant, through the control of lateral branches.
Failure	In connection with tree hazards, a partial or total fracture within the wood tissue or loss of cohesion between roots and soil. (In total failure affected parts will snap or tear away completely, Partial failure there is a crack or deformation, which results in an altered distribution of mechanical stress.
Felling Licence	In Great Britain, a permit to fell trees in excess of a certain size or total volume.
Feeder Roots	Fine fibrous Water and nutrient absorbing roots located in the outer root system.
Flush-Cut	In trees and shrubs, a pruning cut close to the parent stem, which removes the branch bark ridge.
Foliage	The live leaves or needles of the tree; the plant part primarily responsible for photosynthesis.
Formative pruning	The trimming of a tree to remove weaknesses and irregularities which may lead to problems. The formative pruning operation is aimed at reducing the potential for future weaknesses or problems within the tree's crown.
Gall	An abnormal, disorganized growth of plant tissues, caused by parasitic or infectious organisms such as insects, fungi, bacteria, or viruses.
Girdling	In woody plants, any form of damage that destroys the bark and / or the Cambium all the way around the stem, branch or root, normally resulting in death of the damaged section.
Girdling Root	In woody plants, a root that grows across the buttress, or across other roots, eventually causing constriction of the radial growth.
Growth Increment	The incremental growth added as new annual ring develops each season over existing wood. This is seen as (growth) rings in cross-sections of wood.
Hazard beam	An upwardly curved branch in which strong internal stresses may occur without the compensatory formation of extra wood (longitudinal splitting may occur in some cases).
Heartwood	Inner non functioning tissues that provide structural support to trunk.
Heave	In relation to shrinkable clay soils, expansion due to rewetting of a volume of soil previously subjected to the removal or water by plant / trees following felling or root severance. Also in relation to root growth, the lifting of pavements and other structures by radial expansion. Also in relation to tree stability, the lifting of one side of a wind rocked root plate.
Herbicide	A chemical compound that causes the death of a plant.
Included Bark	Bark that becomes embedded in a crotch between branch and trunk or between co-dominant stems, usually found in narrow or tight crotches, and causes a weak structure.
Increment Borer	A tool that cuts and extracts a narrow cylinder of wood from a tree for analysis of the wood tissue and growth increments.
Internodal	The part of a twig between two nodes, or points of beginning of annual twig growth. The node is formed at the end of each year's growth.
Leader	The primary terminal shoot or trunk of a tree.
Lignin	The hard cement like constituent of wood cells found within the Cellulose matrix. Lignification is the addition of lignin to the cellulose filaments. Lignin can be specifically removed by certain fungi.
Limb	A large lateral branch growing from the main trunk or from another larger branch.
Lion Tailing	Often the result of poor pruning practices; the main leader or branches are largely devoid of side branches, growth is restricted to the end of branches and is likely to suffer damage through end loading.
Live Crown Ratio	The proportion of the total height of the tree that is represented by live branch growth within the canopy. Used as an indicator of potential vitality, when compared as a ratio to the woody mass of the tree.
Lopping	In trees, a general term that related to the removal of branches from a tree.
Macronutrient	One of six elements required in relatively large quantities by a plant for metabolic processes; essential to plant health. (See micronutrient)
Micronutrient	One of seven elements required in small quantities by a plant for metabolic processes; essential to plant health. (See macronutrient)
Monitoring	Due to the relative life span of trees in relation to our own, long-term monitoring provides a valuable insight to the health of trees, identifying decline and or stabilisation and or improvement.

Mulch	A material laid over the root system of a tree to help conserve moisture within the soil. Additionally it may help control the development of weeds close to the tree.
Mycelium	A mass of growing filaments (hyphae) formed by fungi.
Mycorrhizae	A term given to the symbiotic relationship between roots and certain beneficial fungi. Mycorrhizae are the combined root / fungal growth.
Natural Pruning	The shedding of a branch or twig that has died back naturally and has become decayed at or near its base.
Necrosis	The failure and subsequent death of a branch, leader or tree.
Negligence	A failure to take reasonable action to deal with a hazard to prevent damage to property or person.
Node	The point where a leaf is connected to a shoot, the point where an auxiliary bud may develop
Nutrient	Substances that are absorbed by living organisms for the maintenance of internal processes.
Occluding tissue	The general term of wood, cambium and bark that develop around the site of a wound on a woody plant
Pathogen	A microorganism that causes diseases within another organism.
Petiole	The stem of the leaf, attaching the leaf blade to the twig.
Phloem	The principle conductive tissue that the products of Photosynthesis are transported around the plant
Photosynthesis	The process where light energy is used to create energy (Carbohydrate) for use within the plant.
Pollard	A term for a pollarded tree.
Pollard head	The swollen section of branch / stem that forms behind the pollarding cut.
Pollarding	The complete or partial removal of the crown of a young tree so as to encourage the development of numerous branches either for amenity or historically as fodder, repeated management is required cyclically to maintain the feature
Propping	The use of artificial apparatus to support living sections of a tree that may be prone to failure. The installation of such features does require legal interpretation.
Prune or Pruning	Selective removal of woody plant parts of any size, using saws, Loppers, Secateurs, or other pruning tools.
Rams Horn	In connection with wounds on trees, a roll of wound wood or occluding tissues that has a spiral appearance in cross section. Opposing faces may result in the formation of cracks as they connect.
Reaction Wood	Wood with distinctive anatomical and physical characteristics, formed in parts of leaning or crooked stems and in branches to provide additional strength / support. In hardwoods, tension wood usually forms. In conifers, compression wood is usually found.
Reaction Zone	A zone normally darker than surrounding wood that denoted the boundary often a defensive one between functional sapwood and dysfunctional or decaying wood.
Re-grading	The raising or lowering of a soil profile from its original grade.
Rejuvenation pruning	Where historically or environmentally important trees are to be retained, their life spans can be significantly extended through the adoption of particular pruning regimes.
Rejuvenation root treatment	Management of the root zone can have a significant positive effect upon the health of trees. Physical, mechanical and biological approaches are available and can be prescribed in accordance within the constraints of individual sites.
Remedial Action	In tree hazard management, action to mitigate or remove the risk of injury to persons or property.
Remedial pruning	The removal of old stubs, deadwood, epicormic growth, rubbing or crossing branches and other unwanted items from the tree's crown.
Resistograph	Invasive decay detection technique whereby the resistance offered by the timber to a spinning probe is measured and plotted. Invasive though very small hole diameter.
Rib	In tree body language, a long narrow, axial protuberance which often overlies a crack.
Ring Barking	Artificial Girdling of the stem, to result in the death of a tree. May be used in habitat creation where the retention of dead standing trees is required.
Risk	The likelihood of potential damage occurring to a feature or a hazard resulting in harm.
Rod Bracing / Bolting	Traditionally, this has relied upon the installation of steel rods or bolts through the stems or limbs, to reduce twisting or splitting of the wood. The installation of such features does require legal interpretation.
Root Barriers	Both Buildings and services can benefit from the installation of root barriers to protect a soil volume from the ingress of roots.
Root Collar	The basal area of the tree; transition zone from trunk to root. Also sometimes called trunk flare.
Root Crown	The area where the trunk turns into the roots, usually at soil level, the trunk tapers out at the base.
Root Plate	The primary support area for the tree; an area of the root system close to the base that structurally anchors the tree to the soil.
Root Rot	Either a general term for decay within the wood of the lower stem / buttress roots, or a disease in which the fine roots are killed.
Root System	The portion of the tree containing the root organs, including buttress roots, transport roots, and fine absorbing roots; all underground parts of the tree.
Root Zone	The area and volume of soil around the tree in which roots are expected. May extend to three or more times the branch spread of the tree, or several times the height of the tree.
Sail Area	In arboriculture, a general description for the wind intercepting area of a tree's live crown. This can vary with both orientation and season.
Sanitation	In plant disease control, the removal of material that could be a source of infection by a pathogen. Removal of diseased plant parts, such as fallen leaves and twigs, and pruning of dead and diseased branches. Diseased parts should be burned or buried under soil or active compost.
Sapwood	Xylem wood tissue, usually light in colour, representing the outer growth rings of the wood. Usually living, reactive wood tissue, in a healthy tree. See heartwood
Scaffold limbs / scaffold Branches	The branches that form the main network framework of the crown of a tree.
Senescent	A decline in growth and vigour due to age or stress factors.
Shrub	A woody plant that branches at or close to the ground level and so does not have a single stem.
Slime Flux	Relating to a toxic condition from the spreading of bacteria or their products from a source of infection; characterized by malodorous gases, or salt deposits upon the bark. If these products enter the sap stream, localised vessel necrosis can result, usually associated with anaerobic conditions.
Snag	In a woody plant, a portion of cut or broken stem which extends beyond any growing point or dormant bud.
Soft Rot	A kind of wood decay, where a fungi degrades cellulose within the cell wall, without causing overall degradation.

Soil Compaction	The compression of soil, causing a reduction of pore space and an increase in the density of the soil. Air is squeezed out and nutrients become locked. Tree roots cannot grow in compacted soil.
Soil Profile	The characteristics of a soil as regards to relative depth; the changes in soil texture and composition that occur with depth.
Soil Texture	The classification of the constituent particles of soil; includes sand, silt and clay particles. Directly related to soil porosity, permeability, and aeration.
Sonic Decay Detection	Non invasive method whereby sound waves are passed through the tree and the speed is measured. Slow speeds indicate decay and a tomography picture representing the inner stem is produced.
Sprout	Also Epicormic shoot. A shoot or stem that grows from the bark of a tree; adventitious or secondary growth generally the result of physiological stress.
Stag Heading	In a tree, a state of dieback where dead branches protrude beyond the current living crown.
Stress	In plant physiology, conditions where one or more physiological functions are not working within normal parameters.
Stump Grinding	The removal of a tree stump using a specialist grinding machine.
Subsidence	In relation to vegetation, the removal of water by plant growth resulting in localised shrinkage in the soil volume.
Sucker	Same as sprout.
Suppressed	Trees which are dominated by surrounding vegetation and whose crown development is restricted from above.
Systemic	Affecting the whole plant or organism. A systemic compound is carried throughout the entire plant to all parts through the vascular system.
Target	Any person or object within reach of a falling tree or part of a tree that may be injured or damaged.
Target Pruning	The pruning of a branch where the wound affects only branch material, often results in a target shaped wound.
Tension Wood	Reaction wood typically formed on the upper side of limbs or curved stems; characterized by lack of cell wall lignifications (higher ratios of cellulose to lignin).
Thermography	The use of very sensitive equipment can detect small temperature changes within the volume of a tree, these small changes are used to identify the location of decay, faults and water pockets. Totally un-invasive.
Tight Union / Tight Crotch	Also, narrow crotch. A crotch with a narrow angle between branches, often having included bark.
Tomography	The comparison of sound or stress waves through the tree allows the creation of a 2D or 3D representation of the internal structure of a stem or branch section and highlights areas of damage. Virtually non-injurious.
Topography	The configuration of surface features, including the vertical and horizontal relationships or positions of the ground and other features.
Topping	The practice of cutting large limbs back severely, without regard to form or habit of the tree. Cuts are usually made between lateral branch nodes. This practice is extremely injurious to trees, and promotes decay and structural weakness within the canopy.
Tree	A woody plant that typically has a single stem, at maturity has a height of at least 4 metres and a stem diameter at breast height of at least 75mm.
Tree Preservation Order	In Great Britain, an order made by the local planning authority, where consent must be gained before undertaking all but exempt works to a tree.
Trunk Flare	The basal area of the trunk that flares or widens, and merges with the main roots. See root collar
Veteran Tree	Veteran trees are often found in large parks or estates and commonly affected by extensive decay or have been subject to extensive works. These trees are retained for historical importance and often pose greater risk than normal, which is generally justified. Such trees need careful management and often propping or bracing to support them, some require fencing to limit access.
Vigour	Active, healthy growth of plants: ability to respond to stress factors.
Visual Tree Assessment (VTA)	An assessment of the mechanical condition of trees based upon their 'body language'. Trees are dynamic and respond to faults / decay / environmental factors in various ways, these responses can be indicative of structural integrity.
Wetwood	An infection caused by bacteria living inside the plant tissues. The bacteria ferment the plant fluids, resulting in death of nearby cells, and often causing exudations of fluid from the bark, often referred to as a Slime Flux.
White Rot	A kind of wood decay where a fungi attacks the lignin within the wood matrix
Wind loading	Forces placed upon tree canopy, branches, trunk and roots of a tree under windy conditions.
Wind Throw	The failure of a tree due to wind loading.
Witches Broom	A deformed or unusual growth of twigs from adventitious buds, caused by insects, disease, or dieback of twigs and buds.
Wood	Secondary Xylem; the main structural support and water conducting tissue of trees and shrubs.
Woodland Structure	The vertical and horizontal arrangement of trees within a group or woodland i.e. Dominant - trees with a crown above the upper layer of the canopy, Co dominant - trees that define the general upper edge of the canopy, Intermediate - trees that have been largely overgrown by others, Suppressed - trees that have been overgrown and occupy an under storey position and grow slowly, often severely asymmetrical.
Wound Response Tissue	Also Occluding Tissue, Wound Wood or Callus. Differentiated wood tissue that grows around the margins of a wound or injury.
Wound Wood	Wood with atypical anatomical features, formed in the vicinity of a wound and a term to describe the occluding tissues around a wound
Xylem	Plant tissues with special function of translocation of water and dissolved nutrients.

Appendix 4: Author's Qualifications

Qualifications & Experience of Joe Taylor - MArborA, FdSc (Arboriculture), Lantra Approved Tree Inspector

Joe began his career in Arboriculture as a tree surgeon/climber. During his time as a tree surgeon, Joe has achieved City & Guilds NPTC qualifications in Chainsaw Maintenance and Cross Cutting, Tree Climbing and Rescue, Safe Use of Manually Fed Wood-chipper and Supporting Colleagues Undertaking Tree Related Operations.

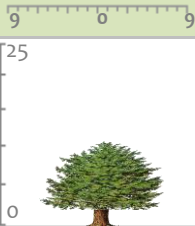
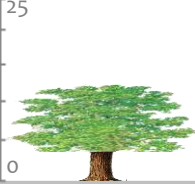
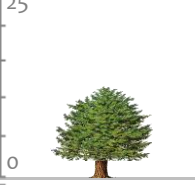
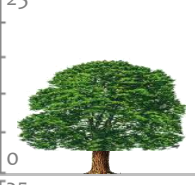
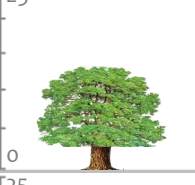
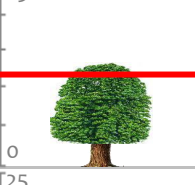
Joe obtained a Foundation Degree in Arboriculture at Askham Bryan College in 2015 which he passed with merit. Joe is a professional member of the Arboricultural Association, the International Society of Arboriculture and the Royal Forestry Society and regularly attends industry related seminars to keep abreast of industry best practice.

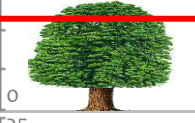
Studying at Askham Bryan College reinforced Joe's passion for trees and drove his enthusiasm to learn more. Learning how trees interact with their surrounding environment and their importance within our urban and rural landscapes highlighted an interest in pursuing a career in consultancy.

Since working for Crown Consultants Joe has undertaken numerous surveys and produced numerous reports for the purpose of planning (BS 5837), tree condition surveys, subsidence risk assessments, root surveys and decay detection investigations.

Appendix 5: Tree Data Schedule and Tree Location Plan

The Tree Data Schedule and any drawings accompanying this report follow this page.

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) W N E S	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T1	Early-Mature Yew Taxus baccata.	10	2.5	50 @ Base	5 5 5		Position: T 0768. Form: Multi-stemmed at 1m with a balanced crown. History: Occasional pruning wounds due to crown lifting. Defects: Decay wounds to stem. Other: Acceptable condition at present.	No action required.		High Good Fair	High 40+ 2
T2	Mature Oak Quercus robur.	12	4	80	8 8 8		Position: T 0769. Form: Twin-stemmed at 2.5m with a weeping habit. History: Occasional pruning wounds due to crown lifting (now healed). Defects: Minor deadwood to lower crown, crossing branches fused to stem. Other: Acceptable condition at present.	No action required.		High Good Good	High 40+ 1
T3	Semi-Mature Yew Taxus baccata.	11	2	40	4 4 4		Position: T 0701, 0702. Form: Single stemmed with a slight lean and a balanced crowns. History: Occasional pruning wounds due to crown lifting. Defects: No significant defects observed. Other: Growing against wall.	No action required.		High Good Good	High 20-40 1
T4	Early-Mature Lime Tilia sp.	15	3	60	7 7 7		Position: Situated on third party land, overhanging boundary. Form: Multi-stemmed at 4m with a balanced crown. History: No evidence of significant pruning observed. Defects: No defects observed. Other: Access prevented detailed inspection.	No action required.		High Good Good	High 40+ 1
T5	Early-Mature Sycamore Acer pseudoplatanus.	13	3	70	7 4 3		Position: T 3118. Form: Single stemmed and vertical with an unbalanced crown. History: No evidence of significant pruning. Defects: Significant bark wound at base. 1.5m good formation of wound wood.	Monitor.		High Good Poor	High <10 2
T6	Semi-Mature Horse Chestnut Aesculus hippocastanum.	13	3	70 @ Base	5 2 2		Position: 0704. Form: Twin-stemmed at 2m with a narrow, upright habit. History: No evidence of significant pruning. Defects: Significant cavity at base extending 20% in to stem.	Monitor, decay detection required		High Good Poor	Moderate <10 3
T7	Mature Horse Chestnut Aesculus hippocastanum.	16	4	85	9 5 4		Position: T 0705. Form: Single stemmed and vertical with a well-formed crown. History: Occasional pruning wounds (healing slowly). Defects: Branch stubs to lower crown and fire damage to west side limbs.	No action required.		High Good Fair	Moderate 40+ 2

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) W N E S	Scaled Tree Diagram (m) 	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T8	Mature Horse Chestnut Aesculus hippocastanum.	16	3	90	7 4 7 8		Position: T 0706. Form: Twin-stemmed at 5m with a well formed crown. History: Occasional pruning wounds (healing slowly). Defects: Branch stubs to lower crown, cavities developing.	No action required.		High Good Fair	Moderate 40+ 2
T9	Semi-Mature Horse Chestnut Aesculus hippocastanum.	14	3	55	3 0 3 8		Position: 0707. Form: Twin-stemmed at 3m with an unbalanced crown. History: Multiple pruning wounds due to crown lifting (healing slowly). Defects: Fire damage to north side, pruning wounds and cavities developing to lower stem. Other: Advanced symptoms of Bleeding Canker and cracking bark.	Remove.		Moderate Poor	Low <10 4
T10	Mature Horse Chestnut Aesculus hippocastanum.	14	3	90	5 7 5 7		Position: 0708. Form: Multi-stemmed at 3m with a balanced crown. History: Occasional pruning wounds (healing slowly). Defects: Major cavities at 2m and 4m, 40cm into stem.	Remove.		High Poor	Moderate <10 4
T11	Early-Mature Horse Chestnut Aesculus hippocastanum.	14	3	60	3 4 2 5		Position: T 0709. Form: Single stemmed and vertical with an unbalanced crown. History: Multiple pruning wounds due to crown lifting (now healed). Defects: No significant defects observed. Other: Snapped branches to south, acceptable condition at present.	No action required.		High Good Fair	High 20-40 1
T12	Mature Horse Chestnut Aesculus hippocastanum.	14	4	95 @ Base	6 9 7 6		Position: T 3119. Form: Multi-stemmed at 2m with a well-formed crown. History: Topped at circa 10m. Defects: Damaged limb extending north west. Other: Significant snapped branch at 5m, acceptable condition at present.	No action required.		High Good Fair	High 40+ 2
T13	Semi-Mature Horse Chestnut Aesculus hippocastanum.	12	3	55	3 6 3 2		Position: 0711. Form: Twin-stemmed at 3m with a narrow, upright habit. History: No evidence of significant pruning. Defects: Advanced symptoms of Bleeding Canker.	Remove.		High Very Poor	High <10 4
T14	Mature Horse Chestnut Aesculus hippocastanum.	12	2	80	4 9 3 5		Position: 0712. Form: Multi-stemmed at 5m with an unbalanced crown. History: No evidence of significant pruning. Defects: Advanced symptoms of Bleeding Canker (cracking bark exudates). Other: Hazardous tree.	Remove.		Moderate Very Poor	Moderate <10 4

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) W N E S	Scaled Tree Diagram (m) 	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T15	Mature Horse Chestnut Aesculus hippocastanum.	3.5	3	75	0.5 2 0.5 0.5		Position: T 0713. Form: Twin-stemmed at 3m with an unbalanced crown. History: Reduced to a height of 3.5m. Defects: Symptoms of Bleeding Canker.	No action required.		Moderate Poor Fair	Low <10 2
T16	Mature Horse Chestnut Aesculus hippocastanum.	14	2	80	4 8 5 5		Position: 0714. Form: Single stemmed and vertical with a balanced crown. History: Occasional pruning wounds (healing slowly). Defects: Significant cavity at base. Advanced symptoms of Bleeding Canker.	Remove.		Moderate Very Poor Fair	High <10 4
T17	Mature Horse Chestnut Aesculus hippocastanum.	1.5	1.5	85	0 0 0 0		Position: T 0715. Form: Stump. History: Reduced to 1.5m high stump. Defects: Major cavity at 1m.	No action required.		High Poor Poor	Low <10 4
T18	Early-Mature Horse Chestnut Aesculus hippocastanum.	13	2	70	4 7 4 6		Position: T 3120. Form: Multi-stemmed at 2.5m with a balanced crown. History: Occasional pruning wounds due to crown lifting (now healed). Defects: No significant defects observed. Other: Recovering from HCBC. Bark cracks healing, no exudates, good bud proliferation.	Monitor.		Moderate Good Fair	High 40+ 2
T19	Early-Mature Horse Chestnut Aesculus hippocastanum.	14	2	70	4 4 4 6		Position: T 3122. Form: Multi-stemmed at 2.5m with a balanced crown. History: Multiple pruning wounds due to crown lifting (healing slowly). Defects: Bark wound at base, good formation for wound wood. Included bark at stem junction. Other: Early symptoms of Bleeding Canker, cracking at base and minor exudates. Still minor symptoms.	Monitor.		High Good Poor	High 20-40 2
T20	Early-Mature Horse Chestnut Aesculus hippocastanum.	3.5	2	70	0.5 2 1.5 1.5		Position: T 0718. Form: Multi-stemmed at 2.5m with a reduced, balanced crown. History: Reduced to 3m. Defects: Early symptoms of Bleeding Canker, exudates. Other: Significant decay to branch over garage.	No action required.		High Good Fair	Low <10 3
T21	Semi-Mature Sycamore Acer pseudoplatanus.	13	3	60	4 7 4 5		Position: T 3123. Form: Single stemmed and vertical with a well-formed crown. History: Multiple pruning wounds due to crown lifting (now healed). Defects: No significant defects observed.	No action required.		Moderate Fair Good	High 40+ 1

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) N W E S	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T22	Mature Horse Chestnut Aesculus hippocastanum.	13	2	95 @ Base	5 8 5 6		Position: T 0720. Form: Multi-stemmed at 2m with a balanced crown. History: Multiple pruning wounds due to crown lifting (healing well). Defects: Broken branch at 7m.	No action required.		High Good Fair	High 40+ 2
T23	Semi-Mature Sycamore Acer pseudoplatanus.	12	3	40	4 5 4 5		Position: Crown overhangs the boundary of graveyard. Form: Single stemmed with a slight lean and a well-formed crown. History: Two branches removed at 3m.	No action required.		High Fair Fair	High 20-40 1
T24	Early-Mature Horse Chestnut Aesculus hippocastanum.	11	3	45	4 5 6 6		Position: Crown overhangs the footpath, T 3102. Form: Multi-stemmed at 2.5m with a balanced crown. History: Multiple pruning wounds due to crown lifting (healing slowly). Major branch removed at 1.5m. Two significant southern branches removed. Defects: Advanced symptoms of Bleeding Canker. Bark is healing with good bud proliferation throughout.	Monitor.		High Poor Fair	High 10-20 3
T24A	Semi-Mature Sycamore Acer pseudoplatanus.	11	4	45	4 4 6 4		Position: Crown overhangs the footpath, T 0722. Form: Single stemmed and vertical with a balanced crown. History: Multiple pruning wounds due to crown lifting (healing slowly). Defects: Branch stubs to lower crown. Epicormic growth at base.	Remove epicormic growth.		Moderate Fair Fair	Moderate 20-40 2
T25	Early-Mature Horse Chestnut Aesculus hippocastanum.	3	2	65	0.5 0.5 0.5		Position: T 0723. Form: Multi-stemmed at 2m and reduced. History: Reduced to a height of 3m. Defects: Bark wounds at 0-2m. Other: Early symptoms of Bleeding Canker, exudates.	No action required.		High Fair Fair	High <10 3
T26	Semi-Mature Sycamore Acer pseudoplatanus.	12	3	50	4 4 7 4		Position: T 0724. Form: Twin-stemmed at 4m with a well-formed crown. History: No evidence of significant pruning. Defects: Significant included bark at 3m above ground level - acceptable condition at present.	No action required.		High Good Fair	Moderate 40+ 2
T27	Semi-Mature Laburnum Laburnum anagyroides.	10	7	25	1 1 1 1		Position: T 0725. Form: Twin-stemmed at 1.5m with a narrow, upright habit. History: Occasional pruning wounds (healing slowly). Defects: Deadwood throughout, significant cavity at 1.5m. Other: Poor form.	Remove.		Low Poor Very Poor	Low <10 4

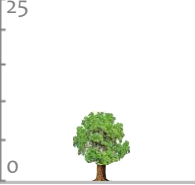
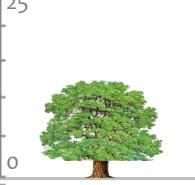
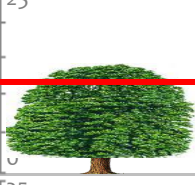
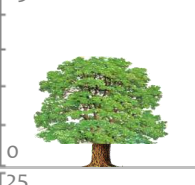
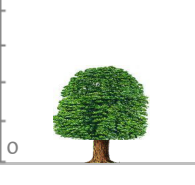
Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) W N E S	Scaled Tree Diagram (m) 	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T28	Early-Mature Horse Chestnut Aesculus hippocastanum.	12	3	65	7 5 7 5		Position: T 3121. Form: Multi-stemmed at 3m with a well-formed crown. History: No evidence of significant pruning. Defects: Minor bark wound at 2m, good formation of wound wood. Other: Early symptoms of HCBC at 3.5m. No exudates.	Monitor.		High Fair Good	High 40+ 2
T29	Semi-Mature Cherry Prunus sp.	13	6	18	1.5 1.5 1.5		Position: T 0729. Form: Single stemmed with a slight lean and a compact crown. History: Occasional pruning wounds (healing slowly). Defects: Significant bark wounds throughout, cavities developing. Other: Poorly formed specimen.	Remove.		Moderate Poor Poor	Moderate ≤10 4
T30	Early-Mature Sycamore Acer pseudoplatanus.	17	3	60	7 4 7 5		Position: T 0728. Form: Twin-stemmed at 3m with a balanced crown. History: No evidence of significant pruning. Defects: Significant included bark at 12m above ground level - acceptable condition at present.	No action required.		High Good Fair	High 20-40 2
T31	Semi-Mature Whitebeam Sorbus aria.	8	2	16	2.5 2.5 2.5		Position: T 0729. Form: Single stemmed and vertical with a narrow, upright habit. History: No evidence of significant pruning. Defects: No significant defects observed. Other: Suppressed specimen.	No action required.		High Good Good	Moderate 20-40 1
T32	Mature Sycamore Acer pseudoplatanus.	16	3	90 @ Base	5 5 8 7		Position: T 0730. Form: Multi-stemmed at 2.5m with a balanced crown. History: No evidence of significant pruning. Defects: Crossing branches throughout included bark at stem junction. Other: Cankers, patches of dead bark and exposed timber throughout. Sparse canopy & significant dieback. Low safe useful life expectancy.	Remove		High Poor Poor	High 10-20 3
T33	Semi-Mature Sycamore Acer pseudoplatanus.	15	4	45	4 5 7 5		Position: T 3117. Form: Single stemmed and vertical with a balanced crown. History: No evidence of significant pruning. Defects: No significant defects observed. Other: Epicormic shoots at base.	Remove epicormic shoots at base.		Moderate Good Good	High 40+ 1
T34	Early-Mature Sycamore Acer pseudoplatanus.	16	4	65	6 6 6 6		Position: T 3108. Form: Twin-stemmed at 5m with a well-formed crown. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.		High Good Good	High 40+ 2

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) N W E S	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T35	Early-Mature Cherry Prunus sp.	9	2	40	5 1 6 0		Position: T 0733. Form: Twin-stemmed at 2.5m with an unbalanced crown and leaning. History: Occasional pruning wounds (healing slowly). Defects: Pruning wound at 2.5m. Other: Poorly formed specimen.	No action required.		Moderate Fair Poor	High <10 2
	n/a							1.5			
T36	Semi-Mature Cherry Prunus sp.	9	2	40 @ Base	0 4 5 5		Position: T 3107. Form: Twin-stemmed at 1m with an unbalanced crown and leaning. History: Topped at 3m. Defects: No significant defects observed. Other: Poorly formed specimen.	No action required.		Moderate Fair Fair	Moderate <10 2
	n/a							1.5			
T37	Semi-Mature Whitebeam Sorbus aria.	14	4	40	8 4 3 2		Position: T 3106. Form: Twin-stemmed at 2m with an unbalanced crown and leaning. History: No evidence of significant pruning. Defects: Included bark and crossing stems, acceptable condition at present.	Monitor.		Moderate Fair Poor	High 10-20 2
	Low							1.5			
T38	Semi-Mature Cherry Prunus sp.	9	2	42	2 8 2 0		Position: T 3124. Form: Multi-stemmed at ground level with an unbalanced crown. History: No evidence of significant pruning. Defects: Crossing branches to lower crown. Significant tear wound at 3m. Other: Poorly formed specimen.	Monitor.		Low Good Fair	Moderate <10 2
	Moderate							1.5			
T39	Semi-Mature Cherry Prunus sp.	10	5	30	1 4 5 1		Position: 0738. Form: Multi-stemmed at 2m with a compact crown. History: No evidence of significant pruning. Defects: Dead tree.	Remove.		Dead Dead Dead	Dead Dead Dead
	High							N/A		4	
T40	Early-Mature Cherry Prunus sp.	12	4	53	3 3 5 3		Position: T 3103. Form: Twin-stemmed at ground level with a narrow, upright habit. History: No evidence of significant pruning. Defects: Deadwood and branch stubs throughout. Bark wound and minor cavity developing at 1.5m. Cavity probes and acceptable residual wall present and did not continue up or down. Other: Poorly formed specimen.	Monitor.		Low Poor Poor	Moderate <10 2
	Moderate							1			
T41	Semi-Mature Cherry Prunus sp.	10	3	42	4 4 4 4		Form: Twin-stemmed at ground level with an unbalanced crown. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.		Moderate Fair Poor	Low 10-20 1
	n/a							1.5			

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) W N E S	Scaled Tree Diagram (m) 	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
G42	Semi-Mature Cherry Prunus sp.	av 10	av 2	av 25	av 3 3 3 each		Position: Adjacent south boundary. Crowns overhang the footpath. Form: Single and multiple stemmed, young and semi-mature specimens with interspersed crowns. History: No evidence of significant pruning. Defects: Occasional deadwood and branch stubs to lower crown.	No action required.		Moderate Fair Fair	Moderate 10-20 2
T43	Early-Mature Sycamore Acer pseudoplatanus.	17	5	65	7 7 7		Position: T 0739. Form: Multi-stemmed at 2.5m with a balanced crown. History: Multiple pruning wounds due to crown lifting (healing well). Defects: No significant defects observed.	No action required.		High Good Good	High 40+ 1
G44	Early-Mature Cherry And Sycamore Prunus and acer.	av 9	av 4	40 @ Base	av 5 5 each		Position: T 3114. Form: Multi-stemmed at ground level with a poorly formed crown. History: Large cherry branch removed at 1.5m, healing slowly. Defects: Crossing stems, one sycamore fused with two cherry stems.	Monitor.		Moderate Fair Poor	Low 10-20 2
T45	Semi-Mature Laburnum Laburnum anagyroides.	6	3	35	2 2		Position: 0740. Form: Multi-stemmed at 2m with a balanced crown. History: Occasional pruning wounds (healing slowly). Defects: Weak main fork and significant cavity at 1m.	Remove.		Low	Low
T46	Early-Mature Sycamore Acer pseudoplatanus.	13	5	80	8 8 8		Position: T 0741. Form: Multi-stemmed at ground level with a balanced crown. History: Multiple pruning wounds due to crown lifting (healing slowly). Defects: Bark wound at 3m on one stem, cavity developing. Other: Acceptable condition at present.	No action required.		High Good Fair	High 20-40 1
T47	Semi-Mature Sycamore Acer pseudoplatanus.	15	3	45	4 4 4		Position: T 0766. Form: Multi-stemmed at 2m with a balanced crown. Defects: Occasional pruning wounds due to crown lifting. Other: No evidence of significant pruning.	No action required.		High Good Fair	High 20-40 1
T48	Early-Mature Sycamore Acer pseudoplatanus.	15	4	65	6 6 6		Position: T 0765. Form: Multi-stemmed at 2.5m with a balanced crown. History: Occasional pruning wounds due to crown lifting. Defects: Sig included bark at 3m - acceptable condition at present. Other: No evidence of significant pruning.	No action required.		High Good Fair	High 40+ 2

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) W N E S	Scaled Tree Diagram (m) 	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T49	Semi-Mature Sycamore Acer pseudoplatanus.	15	4	60	4 6 5		Position: T 0764. Form: Twin-stemmed at 2m with a balanced crown. History: Occasional pruning wounds due to crown lifting. Defects: No significant defects observed.	No action required.		High Good Good	High 40+ 1
T50	Semi-Mature Sycamore Acer pseudoplatanus.	14	4	45 @ Base	4 4 4		Position: T 0767. Form: Twin-stemmed at 1.5m with a narrow, upright habit. History: Occasional pruning wounds due to crown lifting. Defects: No significant defects observed.	No action required.		Moderate Good Fair	High 40+ 1
T51	Early-Mature Sycamore Acer pseudoplatanus.	11	3	55 @ Base	5 5 5		Position: T 0766. Form: Twin-stemmed at 2m with a balanced crown. History: Occasional pruning wounds to lower stem. Defects: Minor bark wound to lower stems, healing well. Minor cavity developing at 1m. Acceptable condition at present.	No action required.		High Good Fair	High 40+ 1
T52	Semi-Mature Sycamore Acer pseudoplatanus.	12	3	40 @ Base	4 4 4		Position: T 0765. Form: Twin-stemmed at 1.5m with a narrow, upright habit. History: No evidence of significant pruning. Defects: Major decay at base, acceptable condition at present. Dead stem growing from stem junction.	No action required.		High Good Poor	High 40+ 4
T53	Early-Mature Sycamore Acer pseudoplatanus.	15	3	60 @ Base	6 6 4		Position: T 0761. Form: Multi-stemmed at 2m with a balanced crown. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.		High Good Good	High 40+ 1
T54	Semi-Mature Sycamore Acer pseudoplatanus.	13	2	45	3 5 4		Position: T 0758. Form: Multi-stemmed at 2m with a balanced crown. History: No evidence of significant pruning. Defects: Minor cavity at 2.5m, probes and in an acceptable condition at present. Good formation of wound wood.	No action required.		Moderate Fair Fair	High 20-40 1
T55	Semi-Mature Sycamore Acer pseudoplatanus.	15	2	54	4 5 5		Position: T 3111. Form: Multi-stemmed at ground level with a narrow, upright habit. History: No evidence of significant pruning. Defects: Included bark at 1m. Acceptable condition at present due to vertical stems.	Reduce eastern stem as shown in report and reduce eastern canopy spread by 3m.		High Good Fair	High 20-40 3

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) N W E S	Scaled Tree Diagram (m) 909	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T56	Early-Mature Sycamore Acer pseudoplatanus.	15	2	70	4 7 7 5		Position: T 0757. Form: Single stemmed and vertical with a well-formed crown. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.	High Good Good	High 40+ 1	
	n/a	3									
T57	Semi-Mature Sycamore Acer pseudoplatanus.	15	3	35	4 4 4 4		Position: T 0748. Form: Single stemmed and vertical with a well-formed crown. History: No evidence of significant pruning. Defects: No significant defects observed. Other: Growing close to boundary wall.	No action required.	High Good Good	High 40+ 1	
	n/a	3									
T58	Semi-Mature Sycamore Acer pseudoplatanus.	13	2	46	5 2 6 2		Position: T 0744. Form: Twin-stemmed at ground level with an unbalanced crown. History: No evidence of significant pruning. Defects: No significant defects observed. Other: Suppressed specimen.	No action required.	Moderate Fair Fair	High 20-40 1	
	n/a	1.5									
T59	Early-Mature Sycamore Acer pseudoplatanus.	15	3	70	7 7 3 7		Position: T 3105. Form: Multi-stemmed at 3m with a balanced crown. History: Branch stub, south west. Defects: Significant branch stub extending south west.	Remove branch stub.	High Good Good	High 40+ 2	
	Low	1.5									
T60	Semi-Mature Sycamore Acer pseudoplatanus.	15	3	55	7 4 5 8		Position: T 3109. Form: Multi-stemmed at 2.5m with a balanced crown. History: Occasional pruning wounds due to crown lifting (healing slowly). Defects: Minor pruning wound at 2m, minor deadwood throughout.	Crown clean.	High Good Fair	High 40+ 2	
	Low	1.5									
T61	Early-Mature Sycamore Acer pseudoplatanus.	14	3	70	7 5 6 7		Position: T 3104. Form: Multi-stemmed at 3m with a balanced crown. History: Occasional pruning wounds due to crown lifting (healing slowly). Defects: Minor deadwood and branch stubs throughout.	Crown clean.	High Good Fair	High 40+ 2	
	Moderate	1.5									
T62	Early-Mature Sycamore Acer pseudoplatanus.	14	2	64	3 3 5 5		Position: T 0504. Form: Multi-stemmed at 0.5m with an unbalanced crown. History: Occasional pruning wounds due to crown lifting (healing well). Defects: Co-dominant stem removed at 1m.	No action required.	High Good Fair	High 20-40 2	
	n/a	1.5									

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) W N E S	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T63	Mature Sycamore Acer pseudoplatanus.	15	4	95	8 8 8		Position: T 0505. Form: Multi-stemmed at 2.5m with a well-formed crown. History: No evidence of significant pruning. Defects: Crossing branches throughout.	No action required.		High Good Good	High 40+ 1
T64	Semi-Mature Sycamore Acer pseudoplatanus.	8	2	25	1.5 1.5 1.5		Position: Adjacent south boundary. Form: Multi-stemmed at 0.5m with a narrow, upright habit. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.		Moderate Fair Fair	Moderate 20-40 1
T65	Semi-Mature Sycamore Acer pseudoplatanus.	12	2	52	5 5 5		Position: T 0506. Form: Multi-stemmed at 5m with a balanced crown. History: Occasional pruning wounds due to crown lifting (healing slowly). Northern stem reduced to ground level. Defects: Significant included bark at 1m - acceptable condition at present.	No action required.		High Good Fair	High 20-40 2
T66	Early-Mature Horse Chestnut Aesculus hippocastanum.	14	1.5	70	8 8 8		Position: 0507. Form: Multi-stemmed at 2.5m with a well-formed crown. History: No evidence of significant pruning. Defects: Symptoms of Bleeding Canker, exudates, cracking bark.	Remove.		Low Very Poor Poor	High 40+ 4
T67	Semi-Mature Horse Chestnut Aesculus hippocastanum.	13	1	65	2 7 7		Position: T 0508. Form: Multi-stemmed at 2.5m with an unbalanced crown. History: No evidence of significant pruning. Defects: No significant defects observed. Other: Scattered dead twigs to lower canopy, acceptable condition at present.	No action required.		High Good Fair	Moderate 40+ 1
T68	Early-Mature Sycamore Acer pseudoplatanus.	14	3	65	6 6 5		Position: T 3110, crown overhanging footpath. Form: Multi-stemmed at 3m with a balanced crown. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.		Low Fair Fair	High 10-20 2
T69	Semi-Mature Horse Chestnut Aesculus hippocastanum.	12	3	55	5 2 4		Position: T 3113. Form: Twin-stemmed at 2.5m with a balanced crown. History: No evidence of significant pruning. Defects: Early symptoms of Bleeding Canker, exudates. Other: Bud proliferation very low and suppressed by adjacent trees - low safe useful life expectancy.	Remove or monitor.		Low Poor Poor	High 10-20 3

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) N W E S	Scaled Tree Diagram (m)	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T70	Semi-Mature Sycamore Acer pseudoplatanus.	14	4	40	3 3 5		Position: T 3115. Form: Multi-stemmed at 3m with a balanced crown. History: Occasional pruning wounds due to crown lifting. Defects: Minor deadwood throughout.	Monitor.	Low Poor Fair	High 10-20 2	
	Low	1.5									
T71	Mature Horse Chestnut Aesculus hippocastanum.	13	1	70	5 7 6 4		Position: T 3116, crown overhangs the footpath. Form: Multi-stemmed at 3.5m with a well-formed crown. History: No evidence of significant pruning. Defects: Significant symptoms of Bleeding Canker, exudates. Other: Good bud proliferation, coping well.	Monitor.	High Poor Fair	High 20-40 3	
	Moderate	1.5									
T72	Early-Mature Sycamore Acer pseudoplatanus.	13	3	55	4 5 6 7		Position: T 0513. Form: Multi-stemmed at 3m with a well-formed crown. History: Occasional pruning wounds due to crown lifting (healing slowly). Defects: No significant defects observed.	No action required.	High Good Good	High 40+ 1	
	n/a	1.5									
T73	Mature Lime Tilia sp.	17	2	100	7 5 7 7		Position: T 0514. Form: Multi-stemmed at 2m with a balanced crown. History: North eastern branch removed towards house. Defects: Minor cavity at base, good formation of wound wood. Significant hung up dead branch at 5m above ground level to west overhanging footpath.	Remove hung up branch.	High Good Fair	Moderate 20-40 1	
	High	1									
T74	Early-Mature Sycamore Acer pseudoplatanus.	16	4	65	9 6 5 4		Position: T 0515, crown overhangs the footpath. Form: Single stemmed with a slight lean and an unbalanced crown. History: Occasional pruning wounds due to crown lifting (now healed). Defects: No significant defects observed.	No action required.	High Good Fair	High 40+ 2	
	n/a	1.5									
T75	Early-Mature Sycamore Acer pseudoplatanus.	17	3	60	7 2 6 3		Position: T 0516. Form: Single stemmed with a slight lean and an unbalanced crown. History: No evidence of significant pruning. Defects: Minor deadwood to lower crown.	No action required.	High Good Good	High 40+ 1	
	n/a	1.5									
T76	Mature Sycamore Acer pseudoplatanus.	17	2	70	8 8 8 8		Position: T 3112. Form: Twin-stemmed at 4.5m with a balanced crown. History: No evidence of significant pruning. Defects: Major bark wound at base, early decay. Other: Acceptable condition at present.	Monitor.	High Good Fair	High 40+ 2	
	Moderate	1.5									

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) W N E S	Scaled Tree Diagram (m) 	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T77	Mature Sycamore Acer pseudoplatanus.	12	2	65	7 6 5 7		Position: T 0518. Form: Single stemmed and vertical with a well-formed crown. History: Occasional pruning wounds due to crown lifting (now healed). Defects: Cavity at 2.5m, acceptable condition at present.	No action required.		High Good Fair	High 40+ 2
T78	Semi-Mature Sycamore Acer pseudoplatanus.	16	3	50	4 4 4		Position: 0519. Form: Single stemmed and vertical with a well-formed crown. History: Occasional pruning wounds due to crown lifting (now healed). Defects: Major cavity at base (north and south).	Remove.		Moderate Fair Very Poor	High ≤10 4
T79	Mature Sycamore Acer pseudoplatanus.	13	2	90	7 8 3 8		Position: T 0520. Form: Single stemmed and vertical with an unbalanced crown. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.		High Good Good	High 40+ 1
T80	Mature Sycamore Acer pseudoplatanus.	13	3	70	3 7 6 7		Position: T 0521. Form: Single stemmed and vertical with a well-formed crown. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.		High Good Good	High 40+ 1
T81	Early-Mature Sycamore Acer pseudoplatanus.	14	4	50	7 3 8 4		Position: T 0522. Form: Single stemmed and vertical with a balanced crown. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.		High Good Good	High 40+ 1
T82	Mature Sycamore Acer pseudoplatanus.	14	3	75	6 6 8 7		Position: T 0523. Form: Twin-stemmed at 3m with a balanced crown. History: No evidence of significant pruning. Defects: Minor cavity at 5m.	No action required.		High Good Good	High 40+ 1
T83	Early-Mature Sycamore Acer pseudoplatanus.	16	4	60	7 8 7 1		Position: T 3136. Form: Twin-stemmed at 4m with an unbalanced crown. History: Previously topped at 5m. Defects: No significant defects observed. Other: Large cankers.	Monitor.		Moderate Fair Fair	High 20-40 2

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) N W E S	Scaled Tree Diagram (m) 909	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T84	Mature Sycamore Acer pseudoplatanus.	16	3	100	979	250 	Position: T 3135. Form: Multi-stemmed at 2.5m with a balanced crown. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.	High Good Fair	High 40+ 2	
	n/a	1									
T85	Early-Mature Sycamore Acer pseudoplatanus.	16	4	65	845	250 	Position: T 3134. Form: Single stemmed and vertical with a balanced crown. History: No evidence of significant pruning. Defects: Minor deadwood throughout, acceptable condition at present.	No action required.	High Good Good	High 40+ 2	
	n/a	1									
T86	Mature Beech Fagus sylvatica.	18	5	100	677	250 	Position: T 0527. Crown overhangs footpath. Form: Multi-stemmed at 4m with a balanced crown. History: Occasional pruning wounds due to crown lifting (now healed). Defects: Major cavity and tear wound at 2m above ground level.	Climbed inspection of cavity.	High Good Fair	High 40+ 3	
	High	1									
T87	Early-Mature Lime Tilia sp.	17	4	80	747	250 	Position: T 0529. Crown overhangs footpath. Form: Single stemmed with a slight lean and an unbalanced crown. History: No evidence of significant pruning. Defects: Minor cavity at base, good formation of wound wood.	No action required.	Moderate Fair Fair	High 20-40 2	
	n/a	1									
T88	Early-Mature Horse Chestnut Aesculus hippocastanum.	17	1	75	666	250 	Position: T 0528. Crown overhangs footpath. Form: Multi-stemmed at 2.5m with a balanced crown. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.	High Good Good	High 40+ 2	
	n/a	3									
T89	Semi-Mature Sycamore Acer pseudoplatanus.	15	2	45	646	250 	Position: T 0530. Crown overhangs footpath. Form: Single stemmed and vertical with a well-formed crown. History: No evidence of significant pruning. Defects: No significant defects observed.	No action required.	High Good Good	High 40+ 1	
	n/a	1.5									
T90	Semi-Mature Sycamore Acer pseudoplatanus.	15	3	50	737	250 	Position: T 0513. Form: Multi-stemmed at 4m with a balanced crown. History: Minor cavity at base and 5m, healing well.	No action required.	Moderate Fair Fair	High 40+ 1	
	n/a	1.5									

Reference G = Group H = Hedge	Age & Species	Height (m)	Crown Ht (m)	Diameter (cm)	Crown Spread (m) N W E S	Scaled Tree Diagram (m) 	Notes	Recommendations		Vigour	Amenity Value
								Priority	Inspect Freq (yrs)	Physiological Condition	Life Expectancy (yrs)
										Structural Condition	Safety Class
T91	Mature Sycamore Acer pseudoplatanus.	16	2	65	4 9 5 8		Position: T 0532. Crown overhangs footpath. Form: Twin-stemmed at 4m with a balanced crown. History: Occasional pruning wounds (healing slowly). Defects: No significant defects observed. Other: Significant branch stub at 6m, acceptable condition at present.	No action required.	High Good Good	High 40+ 1	
								n/a	1.5		
T92	Mature Sycamore Acer pseudoplatanus.	16	3	65	4 6 4 13		Position: T 0533. Crown overhangs footpath. Form: Twin-stemmed at 4m with an unbalanced crown. History: Occasional pruning wounds due to crown lifting (healing well). Defects: Pruning wound at 5m. Significant dying branch at 5m, and significant deadwood to middle of the canopy.	No action required.	Moderate Good Fair	High 40+ 2	
								n/a	1.5		

