



Kirklees Council
Planning Services (Trees)
PO Box 1720
Huddersfield
HD1 9EL

PLANNING		
DATE LODGED		
RECEIPT NO.		FEE RECEIVED
CASH	CHEQUE	OTHER
KIRKLEES COUNCIL - RESPONDING TO THE RECESSION VALIDATION CHECKLIST: SUPPLY 1 COPY (PLUS THE ORIGINAL)		

Please email completed forms trees.planning@kirklees.gov.uk or post to the address above

Application for tree works: works to trees subject to a tree preservation order (TPO)
and/or notification of proposed works to trees in a conservation area.

Town and Country Planning Act 1990

You can complete and submit this form electronically via the Planning Portal by visiting www.planningportal.gov.uk/apply

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Please complete using block capitals and black ink.

You must use this form if you are applying for work to trees protected by a tree preservation order (TPO). (You may also use it to give notice of works to trees in a conservation area).

It is important that you read the accompanying guidance notes before filling in the form. Without the correct information, your application/notice cannot proceed.

1. Applicant Name and Address	2. Agent Name and Address
Title: <input type="text" value="--MRS"/> First name: <input type="text" value="GEMMA"/>	Title: <input type="text" value="--"/> First name: <input type="text" value=""/>
Last name: <input type="text" value="HEPPENSTALL"/>	Last name: <input type="text" value=""/>
Company (optional): <input type="text" value=""/>	Company (optional): <input type="text" value=""/>
Unit: <input type="checkbox"/> House number: <input type="text" value="6"/> House suffix: <input type="text" value=""/>	Unit: <input type="checkbox"/> House number: <input type="text" value=""/> House suffix: <input type="text" value=""/>
House name: <input type="text" value=""/>	House name: <input type="text" value=""/>
Address 1: <input type="text" value="MOORVILLE DRIVE"/>	Address 1: <input type="text" value=""/>
Address 2: <input type="text" value="BIRKENSHAW"/>	Address 2: <input type="text" value=""/>
Address 3: <input type="text" value=""/>	Address 3: <input type="text" value=""/>
Town: <input type="text" value="BRADFORD"/>	Town: <input type="text" value=""/>
County: <input type="text" value="WEST YORKSHIRE"/>	County: <input type="text" value=""/>
Country: <input type="text" value="ENGLAND"/>	Country: <input type="text" value=""/>
Postcode: <input type="text" value="BD11 2BT"/>	Postcode: <input type="text" value=""/>

3. Trees Location

4. Trees Ownership

If all trees stand at the address shown in Question 1, go to Question 4. Otherwise, please provide the full address/location of the site (including full postcode where available)

Is the applicant the owner of the tree(s)? Yes No

If 'No' please provide the address of the where the tree(s) stand (including full postcode where available) owner (if known and if different from the trees location)

Unit:

Title:

First name:

Last name:

name: House (Company option a l): =====;-----:-----;:=====---:-----;:::== Address 1: Address 2: Unit:

House 11L__J number: House suffix: House

===== - __:_.:.....:.-=---::=====-----=-=:.....: :_____ C=====:

name:

Address 3: Address 1: Town: Address 2:

County:

Address 3:

Postcode (if known):-----

Town:

If the location is unclear or there is not a full postal address, either describe as clearly as possible where it is (for example, 'Land to the rear of 12 to 18 High Street' or 'Woodland adjoining Elm Road') or County: provide an Ordnance Survey grid reference:

Postcode:

Description:

Telephone numbers

Extension

| | | number:

| Country code: | Mobile number (optional):

| Country code: | Fax number (optional):

Email address (optional):

5. What Are You Applying For?

SEEKING CONSENT FOR
WORKS TO TREES SUBJECT TO TPO ✓

 No

6. Tree Preservation Order Details

If you know which TPO protects the tree(s), enter its title or number

TPO AREA ID
26/77/a4

Are you seeking consent for works to tree(s) Yes

below. subject to a TPO?

Are you wishing to carry out works to tree(s) in a conservation area?

Yes NO

7. Identification Of Tree(s) And Description Of Works

Please identify the tree(s) and provide a full and clear specification of the works you want to carry out. Continue on a separate sheet if necessary. You might find it useful to contact an arborist (tree surgeon) for help with defining appropriate work. Where trees are

protected by a TPO, please number them as shown in the First Schedule to the TPO where this is available. Use the same numbers on your sketch plan (see guidance notes).

Please provide the following information below : tree species (and the number used on the sketch plan) and description of works. Where trees are protected by a TPO you must also provide reasons for the work and, where trees are being felled, please give your proposals for planting replacement trees (including quantity, species, position and size) or reasons for not wanting to replant.

E.g. Oak (T3) - fell because of excessive shading and low amenity value. Replant with 1 standard ash in the same place.

Planning to fell the sycamore tree in our back garden (T1 on our arboricultural report) as the tree is diseased internally. This disease will progress and the external bark of the trunk is showing progressive damage. Details of the internal decay are detailed in the arboricultural report. The tree either requires yearly expensive arboricultural surveys before inevitable felling or to be felled and a silver birch planted in its place which is what we propose.

7. Identification Of Tree(s) And Description Of Works continued ...

8. Trees - Additional Information

Additional information may be attached to electronic communications or provided separately in paper format.

For all trees

A sketch plan clearly showing the position of trees listed in Question 7 must be provided when applying for works to trees covered by a TPO. A sketch plan is also advised when notifying the LPA of works to trees in a conservation area (see guidance notes). It would also be helpful if you provided details of any advice given on site by an LPA officer.

For works to trees covered by a TPO

Please indicate whether the reasons for carrying out the proposed works include any of the following. If so, your application must be accompanied by the necessary evidence to support your proposals. (See guidance notes for further details)

1. **Condition of the tree(s)** e.g. it is diseased or you have fears that it might break or fall: Yes No
If YES, you are required to provide written arboricultural advice or other diagnostic information from an appropriate expert.
2. **Alleged damage to property** e.g. subsidence or damage to drains or drives. Yes No
If YES, you are required to provide for:

Subsidence

A report by an engineer or surveyor, to include a description of damage, vegetation, monitoring data, soil, roots and repair proposals. Also a report from an arboriculturist to support the tree work proposals.

Other structural damage (e.g. drains, walls and hard surfaces)

Written technical evidence from an appropriate expert, including description of damage and possible solutions.

Documents and plans (for any tree)

Are you providing separate information (e.g. an additional schedule of work for Question 7)? Yes No

If YES, please provide the reference numbers of plans, documents, professional reports, photographs etc in support of your application. If they are being provided separately from this form, please detail how they are being submitted.

Arboricultural report including map of garden and photos of tree externally and Arborsonic Tomograph results to show internal area of decay.

9. Authority Employee/ Member

With respect to the Authority, I am:

(a) a member of staff (c) related to a member of staff Do any of these statements apply to you?

(b) an elected member (d) related to an elected member Yes No

If Yes, please provide details of the name, relationship and role

10. Application For Tree Works - Checklist

Only one copy of the application form and additional information (Question 8) is required. Please use the guidance and this checklist to make sure that this form has been completed correctly and that all relevant information is submitted. Please note that failure to supply precise and detailed information may result in your application being rejected or delayed. You do not need to fill out this section,

but it may help you to submit a valid form.

Sketch Plan

- A sketch plan showing the location of all trees (see Question 8)

located in arboricultural report.

For all trees

(see Question 7)

- Clear identification of the trees concerned
- A full and clear specification of the works to be carried out

For works to trees protected by a TPO

(see Question 7)

Have you:

- stated reasons for the proposed works?
- provided evidence in support of the stated reasons? in particular:
- if your reasons relate to the condition of the tree(s) - written evidence from an appropriate expert
- if you are alleging subsidence damage - a report by an appropriate engineer or surveyor

and one from an arboriculturist.

- in respect of other structural damage - written technical evidence
- included all other information listed in Question 8? D

11. Declaration - Trees

I/we hereby apply for planning permission/consent as described in this form and the accompanying plans/drawings and additional

Information. I/we confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.

Signed - Applicant:

----- Or signed - Agent:

Date (DD/MM/YYYY):

(This date must not be before the date of sending or hand-delivery of the form)

[Date input field]

12. Applicant Contact Details

13. Agent Contact Details

Telephone numbers

Extension

Country code:

National number:

[Country code and National number input fields]

number:

[Mobile number input field]

umber:

[Fax number input field]

Country code: Mobile number (optional):

[Country code input field]

Fax number (optional):

Email address (optional):

Telephone numbers

Extension

Country code:

National number:

[Country code and National number input fields]

[Mobile number input field]

[Mobile number input field]

[Mobile number input field]

[Mobile number input field]

Country code: Mobile number (optional):

[Country code input field]

Fax number (optional):

Email address (optional):

Electronic communication - If you submit this form by fax or e-mail the LPA may communicate with you in the same manner. (Please see guidance notes)

**ARBORICULTURAL CONDITION SURVEY
and
ARBORSONIC DECAY DETECTION
at:**

**6 Moorville Drive
Birkenshaw
West Yorkshire
BD11 2BT**

Client:
Gemma Heppenstall

Client Address:
6 Moorville Drive
Birkenshaw
West Yorkshire
BD11 2BT

JCA Ref:
23075/TT

JCA Limited
Arboricultural & Ecological Consultants

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1. Introduction

1.1 Purpose of the Report

- 1.1.1 This report details the findings of an expert arboricultural condition survey and risk assessment of two trees growing at **6 Moorville Drive, Birkenshaw, West Yorkshire, BD11 2BT**.
- 1.1.2 This report details the relevant arboricultural information which is required to inform the owners of the condition of their trees and provides specific management actions that, once undertaken, demonstrate that a duty of care has been taken with regards to tree management.

1.2 Terms of Reference

- 1.2.1 JCA Limited are instructed by **Gemma Heppenstall** to visit the property, inspect the trees and prepare our findings and any recommendations in a report.
- 1.2.2 For this purpose, we have drawn a plan of the site showing the trees in relation to their surroundings. This can be viewed at **Appendix 6**. The tree locations are indicative however and this plan should not be scaled from.

1.3 Scope of the Report

- 1.3.1 This report, and any recommendations made are compiled in accordance with current industry standards and best arboricultural practice.
- 1.3.2 The trees have been inspected to assess and, if necessary, reduce their potential risk of harm.

1.4 Survey Details

- 1.4.1 The survey was conducted during October 2025 by **Toby Thwaites BSc. (Hons), H.N.D. Arboriculture, LANTRA Accredited PTI, MArborA** and **Dan Kemp FdSc (Arboriculture), BTEC Dip (Arb), LANTRA Accredited PTI, MArborA**.
- 1.4.2 An initial inspection was made visually from ground level, to assess the condition of the trees and their potential to cause harm. The findings of the initial inspection are detailed in **Section 3**.
- 1.4.3 Following a visual inspection, one of the trees was further tested using an ArborSonic 3D Acoustic Tomograph, to assess its internal condition. The results of this investigation are detailed in **Appendix 3**.
- 1.4.4 Where necessary, management recommendations have been made.
- 1.4.5 Measurements were obtained using clinometers, specialist tapes or electronic distometers. Where this was not possible measurements were estimated.

2. Status of the Trees

- 2.1 A check was made with **Kirklees Metropolitan Council** in October 2025 to determine whether any of the trees surveyed as part of this report are subject to any statutory controls.
- 2.2 We are informed that the two trees within the rear garden area of No.6 Moorville Drive are subject to an **Area Tree Preservation Order (TPO Ref: 26/77/a4)**.
- 2.3 **No work must be undertaken to these trees subject to a Tree Preservation Order until an approved Works to Protected Trees application has been granted.**
- 2.4 Prior to any works being undertaken to trees, those instructing and proposing to carry out the work should satisfy themselves that all appropriate consents are in place to prevent a potential breach of legislation.
- 2.5 Please note that where trees are protected with a Tree Preservation Order and require removal, there is usually a mandatory obligation to replace them and to provide appropriate aftercare. The Local Authority usually require the new trees to be planted either in the same position (or as reasonably close to) those being removed. Planting more than one tree for each tree being removed may be appropriate as may a planting scheme to help coordinate any new planting.

3. Discussion

- 3.1 **Two** Sycamore trees growing in the rear garden of **No.6 Moorville Drive** were inspected. These trees have been identified as **T1** and **T2** in this report.
- 3.2 Full details of the two individual trees inspected are recorded in the tables at **Appendix 1**. Please refer to **Appendix 2** for a full explanation of the tables and to the Site Plan at **Appendix 6** for locations.
- 3.3 **T1**: this tree was found to have a large vertical wound with decay from close to its base up to an approximate height of 3.5m. The internal condition of this tree was further inspected using a ArborSonic 3D Acoustic Tomograph, which confirmed there to be decay centrally within the lower stem (please refer to **Appendix 3**).
- 3.4 At present, at the three heights tested, the levels of decay calculated were as follows:

Measurement Height	Decayed Area
5cm	41%
60cm	34%
120cm	36%

- 3.5 We recommend one of the following **two** options:

Option 1: Crown reduce by 2.5m to 3m, undertaking natural target pruning in accordance with BS 3998:2010.

Re-test the internal condition annually using an ArborSonic or similar technology, to check on the progress of the decay, and re-assess the trees suitability for retention.

Option 2: Remove the tree now and plant a replacement tree: e.g. Silver Birch (*Betula pendula*) or Downy Birch (*Betula pubescens*).

- 3.6 **T2:** We recommend that the Ivy which is growing on the tree is severed and removed prior to the next tree inspection, to allow a more thorough inspection to be undertaken.
- 3.7 Following the completion of the works prescribed in this report, in the interest of risk management, we recommend that the trees are re-surveyed as per the recommended schedule. Ideally, each new inspection should be undertaken during a different season to observe defects, pests and diseases that are only evident at certain times of the year. We further advise the ongoing monitoring and maintenance of the trees to mitigate risks associated with changing environmental factors.
- 3.8 Whilst JCA Limited conducts thorough tree surveys, our assessments and recommendations are based on the conditions observed at the time of the survey. Extreme weather conditions, including severe storms and the impacts of climate change, can lead to unforeseen tree failures. As such, we cannot be held responsible for any tree failures or related incidents that occur as a result of such extreme weather events.

Appendices

Tree Ref.	Age	Species	Height (m)	Crown Height (m)	Diameter (cm)	Crown Spread (m)	Observations	Physiological Condition	Structural Condition	Life Expectancy (yrs)	Target Value	spell	Priority	Works Category	Re-inspection Timing (yrs)
		Botanical Name													
T 1	Mature	Sycamore <i>Acer pseudoplatanus</i>	16	4.5	61	11	<p>Located in the rear garden. Single-stemmed and vertical. The canopy overhangs the neighbouring gardens. Occasional pruning wounds due to crown lifting and crown reduction work and epicormic growth observed. The ground levels around the base look to have been raised (indicated by a lack of basal flare). A small wound is present at the base of the stem on the eastern side and an old vertical wound with decay is present from close to the base up to a height of approximately 3.5m. Wound wood was noted around both wounds. The wounds were likely caused by fire.</p> <p>The internal condition of the tree was tested using an Arborsonic 3D Acoustic Tomography which revealed internal decay centrally in the main stem. At the three heights tested, the results revealed 41% decay at a height of 5cm, 34% decay at a height of 60cm and 36% decay at a height of 120cm.</p> <p>Whilst the tree is considered to be structurally within acceptable limits at this time, the decay will continue to progress.</p>	FAIR	FAIR	<10	HIGH	<p>Option 1: Crown reduce by 2.5m to 3m, undertaking natural target pruning in accordance with BS 3998:2010.</p> <p>Re-test the internal condition annually using an ArborSonic or similar technology, to check on the progress of the decay, and re-assess the trees suitability for retention.</p> <p>Option 2: Remove and plant a replacement tree (e.g. Silver Birch or Downy Birch).</p>	MOD	B	1
T 2	Mature	Sycamore <i>Acer pseudoplatanus</i>	16	6.5	74	9#	<p>Single-stemmed with a slight lean; the main stem forks at 6.5m. The crown is one-sided and biased largely to the south, due to T1, the more dominant tree. The inspection was limited due to Ivy growth at the base and on the main stem. The ground levels around the base have potentially been raised (indicated by a lack of basal flare). Epicormic growth and small pieces of deadwood (twigs, <2cm in diameter) were noted.</p>	FAIR	GOOD	20+	HIGH	<p>Remove the Ivy prior to the next tree assessment.</p>	LOW	B	1

Appendix 2: Arboricultural Terms of Reference

A2.1 Measurements

HEIGHT of the tree is measured from the stem base to the top of the canopy.

CROWN HEIGHT is an indication of the height at which the main crown begins above ground level.

STEM DIAMETER is measured at 1.5 metres above (higher) ground level. Where the tree is multi-stemmed at this point; the diameter is measured close to ground level, just above the root buttress.

CROWN SPREAD is a measurement of the overall width of the crown, at its widest point.

A2.2 Evaluations

AGE CLASS of the tree is described as Young, Semi-Mature, Early-Mature, Mature, Over-Mature or Veteran.

PHYSIOLOGICAL CONDITION is classed as good, fair, poor, or dead. This is an indication of the health of the tree and takes into account vigour, presence of disease and dieback.

STRUCTURAL CONDITION is classed as good, fair or poor. This is an indication of the structural integrity of the tree and takes into account significant wounds, decay and quality of branch junctions.

LIFE EXPECTANCY is classed as; less than 10 years (<10), 10-20 years, 20-40 years, or more than 40 years (40+). This is an indication of the number of years before removal of the tree is likely to be required.

TARGET VALUE is classed as high, moderate or low. This is an indication of the likelihood of persons or objects, the latter having variable significance, being within falling distance of a tree or its branches.

PRIORITY. A priority rating is given concerning the time periods in which the recommended works should be undertaken. HIGH priority works should be completed as soon as practically possible (within 3 months or as otherwise specified), MOD (moderate) priority works should be undertaken within 6 months and LOW priority works should be undertaken within 12 months of the survey. If no works are recommended, N/A (not applicable) will be used.

RE-INSPECTION TIMING is classed as; 6 months (0.5), 1 year (1), 2 years (2), or within 5 years (5). This is an indication of the timescale in which a tree should be re-inspected; a specific time of year for the inspection may also be detailed in the recommendations.

A2.3 Works Categories

WORK CATEGORIES for the trees are as follows:

A (marked in green on the plan) = posing no immediate risk: no action required at this time.

These trees are considered to be in an acceptable condition at present and require no action at this time. However, these trees may require future management.

B (marked in light blue on the plan) = posing a potential risk: action required.

These trees pose a potential risk and therefore require active management.

Such trees may also require a further, more detailed, investigation (such as a climbing inspection or a decay detection analysis) or may require future monitoring (re-surveying and re-assessing) at a timescale specified within this report.

R (marked in red on the plan) = trees to be removed.

These trees require removal usually because they are dead, dying or dangerous and are therefore potentially hazardous. Such trees shall usually require removal as a matter of high priority.

Trees may also require removal in order to prevent damage occurring to existing structures or buildings (where trees are growing within close proximity or are in actual contact) or in order to benefit adjacent trees (where trees are growing in direct competition, the poorer of the two trees may be removed). Such work is usually of a lower priority.

A2.4 Recommended Clearances from Tree Canopies

JCA recommend the following distances are maintained from tree canopies:

Height for pedestrian access:	No less than 2.5m
Height for vehicular access:	No less than 4m for a minor road No less than 6m for major roads (or where double-decker buses or HGV's will pass).
Distance from overhead cables:	No less than 2m
Distance from a building/structure:	No less than 2m
Distance from lamppost/sign:	Sufficient to not impede visibility for 2 years.

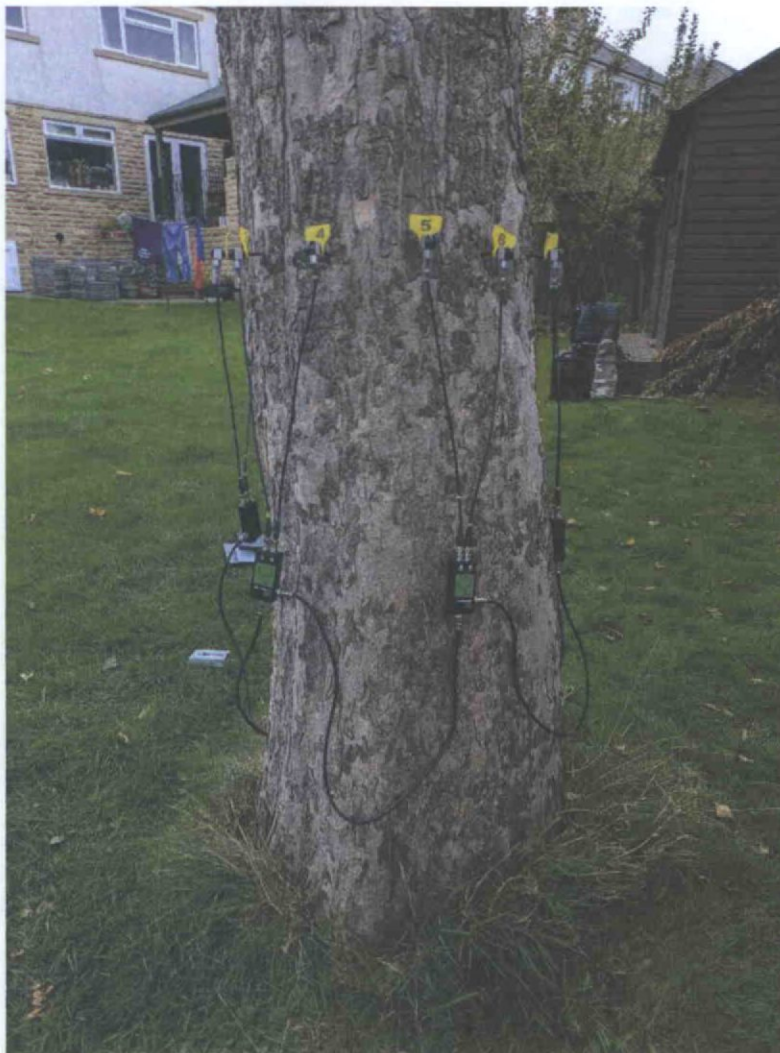
Appendix 3: ArborSonic 3D Acoustic Tomography

ArborSonic Decay Detection (Sonic Tomograph)

The Sonic Tomograph is a specialised electronic instrument which is used to assess the internal structure of a tree branch or stem. The condition of the tree is assessed by measuring the speed that sound travels through the wood in a number of different directions from a number of set positions.

The ArborSonic Tomograph works on the basis that sound velocity travels faster through solid wood (healthy wood) than softer/denatured wood (decayed wood) or air/voids (cavities). Therefore, by measuring the speed it takes for sound to travel from one point to another through the tree, across a known distance, an idea of the structural condition of the wood can be obtained.

Specialist sensors, which are used to record the time taken for the sound to travel through the wood, are attached to the tree stem (as shown in the image below). Sound is generated by tapping each sensor in turn with a metal hammer. Each sensor records the time taken for the sound to travel through the wood, the results of which are relayed directly to a computer.



The results are displayed as computer generated images which show the cross section of the branch or stem tested. The image is colour coded, with each colour determined by the speed that sound travelled through the wood and therefore an indication of the wood density.

The colour generated images can be checked against the side bar which is plotted next to each image (see **Section 4**), which shows the colours in respect to the speeds recorded in metres a second (m/s). As a general guide, fast/normal speeds (indicating healthy wood), show up as Green, where slower speeds (indicating denatured or compromised wood, decayed areas or cavities) show up as Yellow, Red, Purple or Blue.

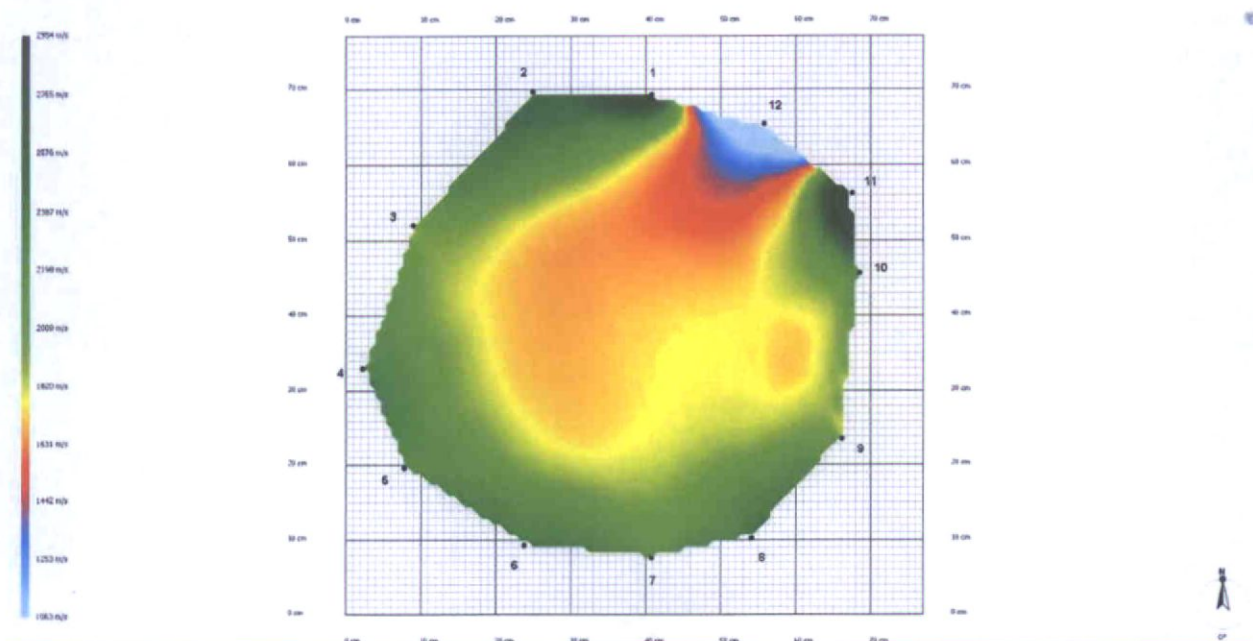
The images provide information about the internal structure of the tree and based upon this management recommendations can be made where necessary.

The ArborSonic Tomograph Results

Tree 1: Acer pseudoplatanus (Sycamore)

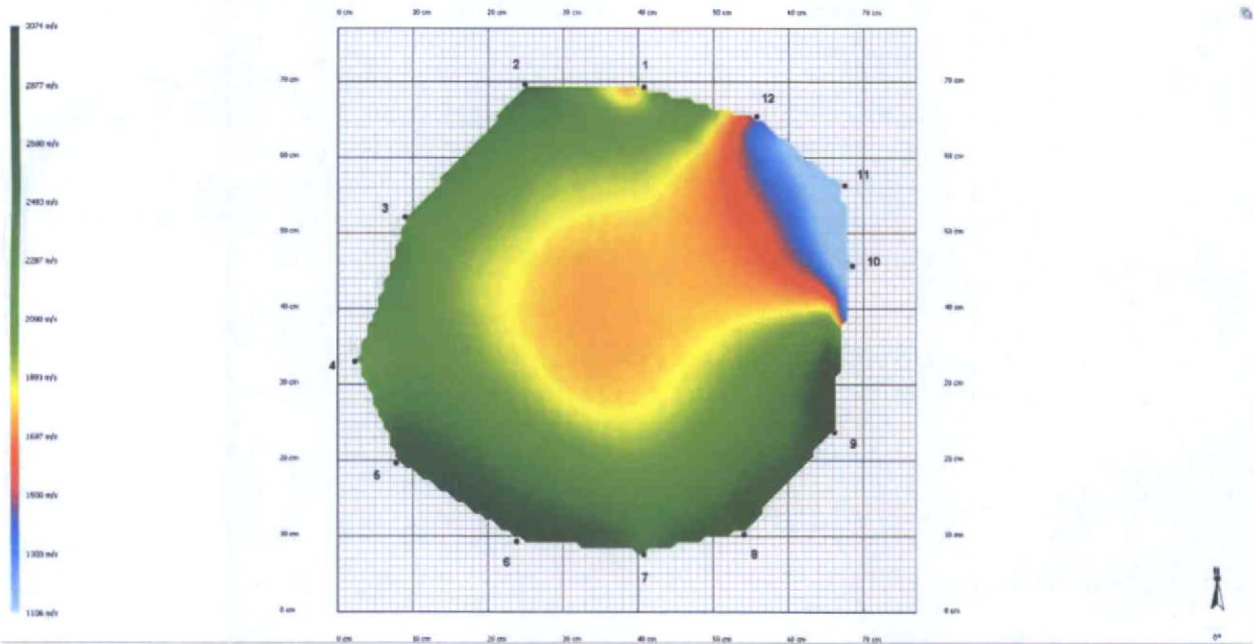
Defect: An old vertical wound with decay is present from close to the base up to an approximate height of 3.5m.

Investigation Height and Location: The main stem at 5cm.



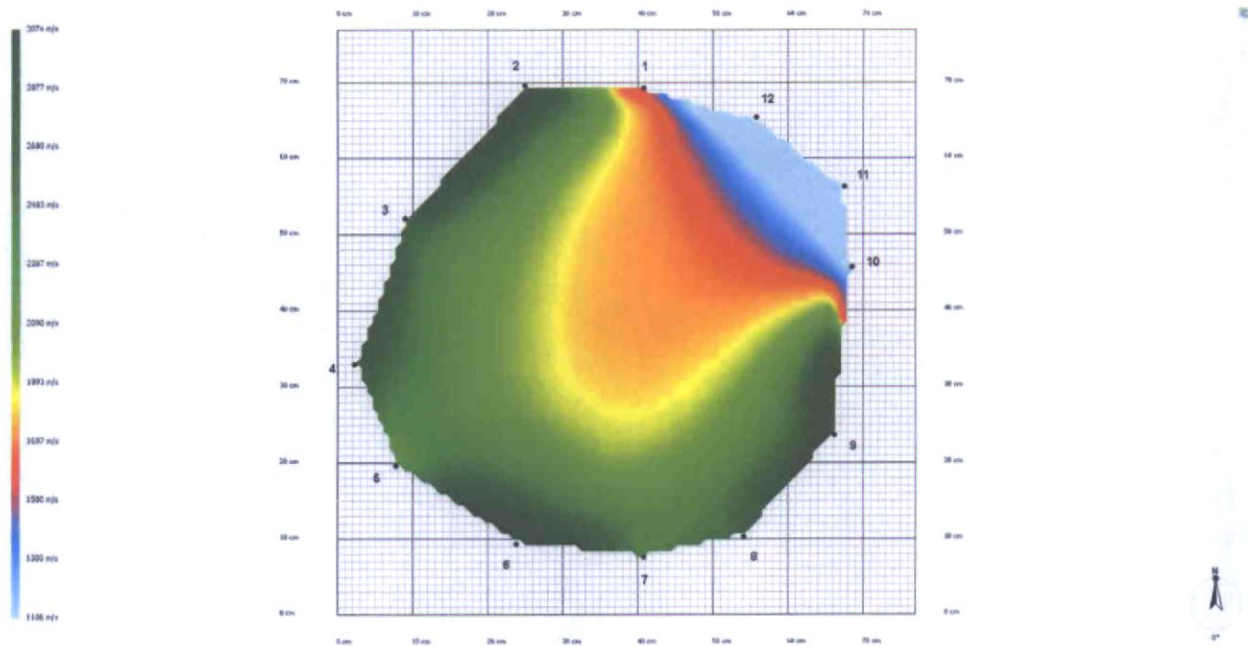
Analysis: The tree has a central area of denatured/decayed wood (indicated by the orange/red/yellow colours) with the entry point being at Sensor 12, where the vertical wound is present (indicated by the blue colour). There is still healthy wood surrounding the denatured/decayed area (indicated by the green colour), although the denatured/decayed wood is not being contained (indicated by the lighter green colour).

Investigation Height and Location: The main stem at 60cm.



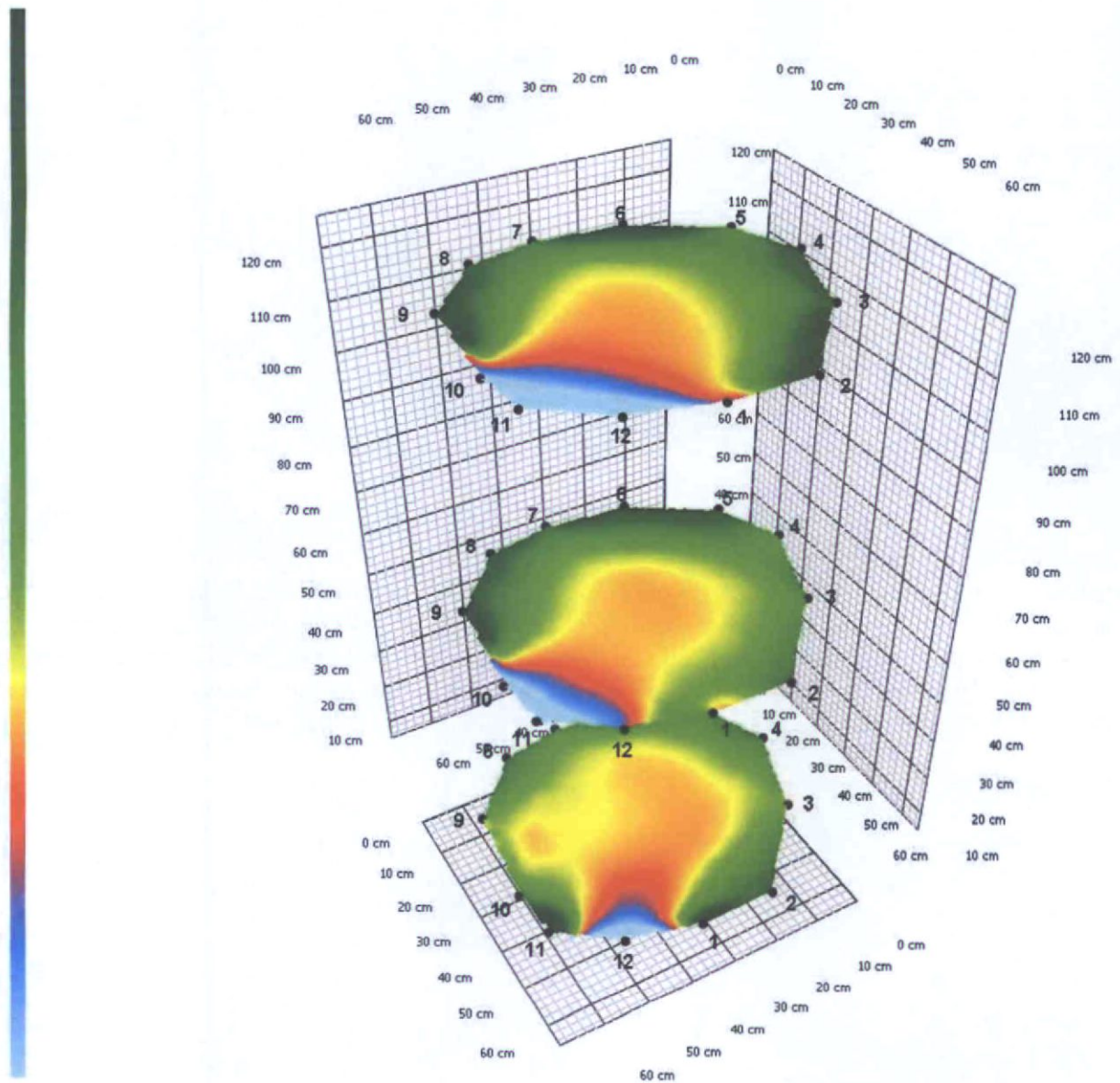
Analysis: The tree has a central area of denatured/decayed wood (indicated by the orange/red/yellow colours) with the entry point being at between Sensors 10 to 12, where the vertical wound is present (indicated by the blue colour). There is still healthy wood surrounding the denatured/decayed area (indicated by the green colour), although the denatured/decayed wood is not being contained (indicated by the lighter green colour).

Investigation Height and Location: The main stem at 120cm.



Analysis: The tree has a central area of denatured/decayed wood (indicated by the orange/red/yellow colours) with the entry point being at between Sensors 10 to 1, where the vertical wound is present (indicated by the blue colour). There is still healthy wood surrounding the denatured/decayed area (indicated by the green colour), although the denatured/decayed wood is not being contained (indicated by the lighter green colour).

Multilayer 3D Model



Safety Factor and Risk Rating

Calculations are made to evaluate the Safety Factor and Risk Rating of the tree using the following criteria:

- The cross-sectional tomograms obtained, and the amount of decay recorded.
- The tree height.
- The crown area.
- The angle of the stem.
- The stem diameter at the heights the cross-sectional tomograms were taken.
- The approximate maximum wind speeds obtained from the most recent named storm (Storm Amy – 21 - 32 metres per second or 48 - 72 miles per hour) or 33 metres/second, 73.8 miles per hour (whichever is the greater).

We are informed that trees with a safety factor above 150% are of low risk and do not require urgent work.

The Safety Factor and Risk Rating of the tree tested is detailed in the following table:

Tree Ref.	Measurement Height	Decayed Area	Safety Factor	Risk Rating
T1	5cm	41%	189%	Low Risk
	60cm	34%	224%	Low Risk
	120cm	36%	213%	Low Risk

Please note that this process gives an estimate for tree safety and can therefore be used as an additional aid to help identify suitable management options, whilst being assessed in conjunction with all other available data. However, whilst the software tries to overestimate the risks, it should not be relied upon as the sole source of evaluations.

It should also be noted that only the tomograms at the measurement layers are used, and therefore the software is not aware of any parts outside these measured regions, nor does the software take into consideration the types of pathogens which may be apparent.

Appendix 4: Author Qualifications

Principal Consultant and Managing Director

Jonathan Cocking *F.R.E.S., Tech. Cert. (Arbor.A), PDipArb (RFS) FArborA CBiol MSB. MICFor.* Jonathan is a Registered Consultant and Fellow of the Arboricultural Association and sits on its Professional Committee. He has 31 years' experience in the Arboricultural profession and served for eight years as Senior Arboriculturist with a large local authority before establishing JCA in 1997. Jonathan has since developed JCA's portfolio of services and its extensive client base. He is a Chartered Biologist, a Chartered Arboriculturalist and an Expert Witness with much experience of litigation work.

Technical Director

Toby Thwaites *BSc (Hons), HND (Arboriculture), LANTRA Accredited PTI, MArborA.* Toby joined JCA in 1998 after graduating in Ecology at the University of Huddersfield and has since graduated in Arboriculture at the University of Central Lancashire. A former JCA team leader and Consulting Arboriculturist, Toby is now Technical Director and oversees all office and on-site activities at JCA and is on hand to offer technical support and advice.

Operations Director

Charles Cocking *FdSc (Arboriculture), LANTRA Accredited PTI, MArborA.* Charles joined JCA in January 2014 having previously worked for the company on a part time basis during 2013. Charles obtained his Foundation Degree in Arboriculture at Askham Bryan College, York, and is a Professional Member of the Arboricultural Association. Charles now oversees all internal operations for the company.

Arboricultural Projects Director

Luke Wickham *FdSc (Arboriculture and Urban Forestry), LANTRA Accredited PTI, MArborA.* Luke joined JCA in 2021 after obtaining his Foundation Degree in Arboriculture and Urban Forestry at Askham Bryan College. Having previously worked within the industry for the past 4 years, running his own small business and sub-contracting for local firms, Luke brings a sound knowledge and understanding of the practical and academic sides of the industry.

Consulting Staff: Arboriculture

Andrew Bussey *LANTRA Accredited PTI, TechArborA.* Andrew started working in consultancy at JCA in 2006 having spent 12 years working as an arborist for various private companies before joining a Local Authority forestry team. He has various NPTC qualifications and is QTRA qualified.

Emily Wilde *FdSc (Arboriculture), LANTRA Accredited PTI, TechArborA.* Emily joined JCA having previously worked for various private tree surgery and consultancy companies over the past 8 years. She initially obtained a ND in Forestry & Arboriculture, followed by a FdSc in Arboriculture at Askham Bryan College, York. Emily has various NPTC certificates and is QTRA qualified.

Mick Eltringham *ND (Forestry), LANTRA Accredited PTI, TechArborA.* Mick joined JCA after spending 12 years working in the industry for various private companies in the north and south of England. He has also spent the last five years working as a consultant for two canopy research projects in the Amazon Rainforest, working with Oxford University and the University of Arizona. He has various NPTC Qualifications.

Dan Kemp *FdSc (Arboriculture), BTEC Dip (Arb), LANTRA Accredited PTI, MArborA.* Dan joined JCA in February 2019 with nearly 30 years' experience in arboriculture with extensive Botanical and Mycological expertise. He worked as a London Tree Officer for 12 years and in several arboricultural and horticultural management posts, specialising particularly in tree risk assessments and tree related subsidence.

David de Peña *BSc (Hons) Ecology and Conservation, TechArborA.* After earning his degree from Manchester Metropolitan University, David worked as an ecologist at various consultancies, contributing to a wide range of projects, including major infrastructure projects across the UK. More recently, David transitioned to arboriculture and served as a surveyor for Manchester City of Trees, where he participated in a project to quantify the value of Greater Manchester's woodlands and trees.

Administrative Staff

Catherine Cocking Accounts Manager.
Kelly Saunders Credit Control Manager.
Adie Gray I.T. Officer.

Lorraine Spink Administrative Assistant.
Alannah Chapman Administrative Assistant.

Appendix 5: General Guidelines

- A5.1 All tree work should be undertaken to BS 3998: 2010 'Recommendations for tree work' or other recognised industry practice.
- A5.2 Staff carrying out the work must be qualified, experienced and ideally be Arboricultural Association approved contractors. They should be covered by adequate public liability insurance.
- A5.3 This report is based upon a visual inspection. The consultant shall not be responsible for events which happen after this time due to factors which were not apparent at the time, and the acceptance of this report constitutes an agreement with the guidelines and the terms listed in this report.
- A5.4 Any defects seen by a contractor or the employer that were not apparent to the consultant must be brought to the consultant's attention immediately.
- A5.5 No liability can be accepted by JCA in respect of the trees unless the recommendations of this report are carried out under the supervision of JCA and within JCA's timescale.
- A5.6 It is advisable to have trees inspected by an arboricultural consultant on a regular basis. In this instance it is recommended that these inspections are made as per the recommended re-inspection timings at **Appendix 1**.

Moorville Drive



No.4

No.6

No.8

Decking

T1

T2

Sub Station

Appendix 6: Site Plan

ADDRESS: 6 Moorville Drive, Birkenshaw Drive,
Birkenshaw, BD11 2BT.
JCA REF: 23075/TT

SCALE 1:200

PAPER SIZE A4

SURVEYED BY: TT

DRAWN BY: TT

APPROVED BY: DK

TREE WORKS CATEGORIES

Detailed definitions of the works categories can be found
at Appendix 2 of the arboricultural report.



WORKS CATEGORY A:
NO WORKS REQUIRED



WORKS CATEGORY B:
WORKS OR MONITORING REQUIRED



WORKS CATEGORY R:
TREE TO BE REMOVED

JCA Limited

Arboricultural & Ecological Consultants

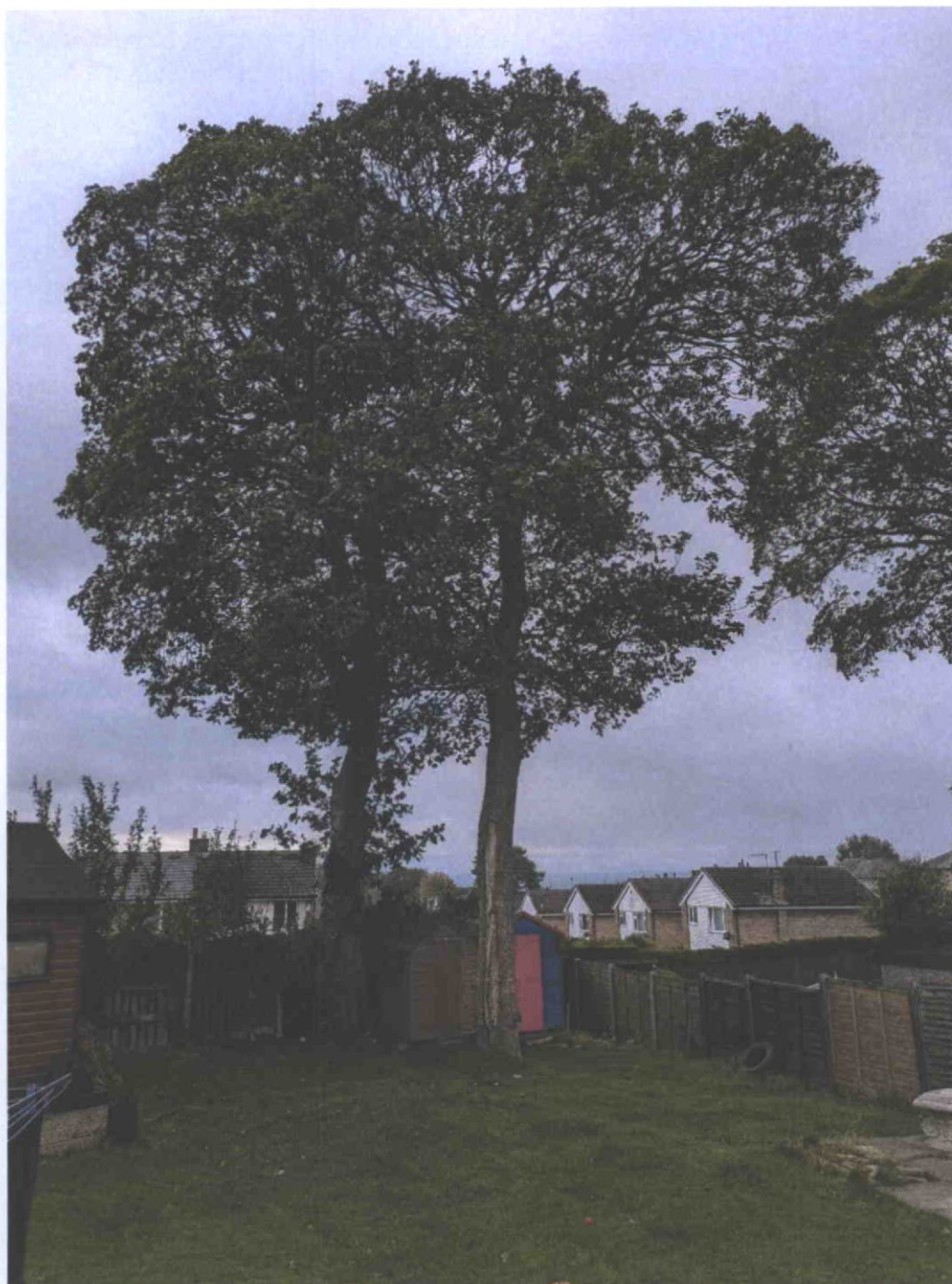
Appendix 7: Photographs



T1: a view of the stem wound (lower section).



T1: a view of the stem wound (upper section).



A view of T1 and T2.

We hope that this report provides all the necessary information, but should any further advice be needed please do not hesitate to contact the author.

.....
Toby Thwaites BSc. (Hons), H.N.D. Arboriculture, LANTRA Accredited PTI, MArborA.

14th November 2025

For and on behalf of **JCA Ltd**

Registered Office

**Unit 80
Bowers Mill
Branch Road
Barkisland
Halifax
HX4 0AD**

JCA Ltd. Arboricultural and Ecological Consultants

Professional Tree and Ecology Advice nationwide

ARBORICULTURAL SERVICES

Guidance for Architects and Developers

- British Standard 5837 Tree Surveys
- Arboricultural Implication Assessments (AIA)
- Arboricultural Method Statements (AMS)

Tree Advice for the Legal Profession

- Subsidence Litigation
- Personal Injury and Accident Investigation
- Expert Witness, Planning Inquiries and Appeals

Advice for Engineers, Loss Adjusters and Insurers

- Tree Surveys for Subsidence
- Heave Assessment
- Tree Root Identification

Veteran Tree Management

- Ancient Woodland Management
- Veteran Tree Management

Advice for Local Authorities and Social Housing

- Tree Condition Surveys
- Specialist Decay Detection
- Landscape and Orchard Design

Tree Health and Pest and Disease Management

- Pest and Disease Surveys
- Tree Health Checks
- Disease Mitigation and Control

ECOLOGICAL SERVICES

Ecological Pre-Planning Services

- Phase 1 Habitat Surveys
- Great Crested Newt eDNA Sampling
- Protected Species: Bat, Wintering and Nesting Bird, Badger, Amphibian, Otter, Water Vole, White-Clawed Crayfish, Dormice and Reptile Surveys.
- Preparation for Environmental Impact Assessment (EIA)
- Invasive Species Surveys
- Code for Sustainable Homes

Ecological Post-Planning Services

- Biodiversity Enhancement Plans
- Protected Species Mitigation
- Ecological Management (Bat and Bird box installation and inspection)

HEAD QUARTERS:

Unit 80 Bowers Mill,
Branch Road,
Barkisland,
Halifax, HX4 0AD.

