

LAKELAND
TREE CONSULTANCY
ARBORICULTURAL PLANNING SPECIALIST

Arboricultural Impact Assessment

Lantern Cottage
27 Pendleton Road
Wiswell
BB7 9DD

September 2023

Project details

Job no.	LTC198
Site	Lantern Cottage, 27 Pendleton Road, Wiswell, BB7 9DD
Client	Paula Davis
Architect	Zara Moon Architects
Arboriculturist	[REDACTED]
Local authority	Ribble Valley Borough Council
Date	28 September 2023
Issue	Final issue for planning

Lakeland Tree Consultancy
Halton Mill, Mill Lane
Halton, Lancashire
LA2 6ND



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Tree Survey Plan
Tree Removal Plan
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1. Executive Summary

- 1.1 This arboricultural impact assessment relates to a planning application at the site in question for the demolition of the existing porch and detached garage, and the subsequent construction of a single-storey rear extension.
- 1.2 A tree survey identified nine individual trees, seven groups of trees and five hedges with potential to be impacted by the works.
- 1.3 Assessment of the proposal plan indicates that construction of the development will require the removal of five C-category trees and one section of C-category hedge
- 1.4 The site can accommodate new tree planting in order to compensate for the development-related losses, the specification, delivery and aftercare of which can be secured by means of a condition attached to a planning approval.
- 1.5 The retained trees can be adequately protected by means of BS5837-specification tree protection fencing, which is to be laid-out as shown on the appended tree protection plan, and by following the tree protection recommendations made herein.

2. Introduction

2.1 The client's agent instructed Lakeland Tree Consultancy to survey the trees at the site in question and undertake an arboricultural impact assessment (AIA) in relation to a planning application for the demolition of the existing porch and detached garage, and the subsequent construction of a single-storey rear extension.

2.2 Arboriculturist [REDACTED] PhD MSc MArborA visited the site on 4 May 2023 and surveyed all trees with reasonable potential to be impacted by the proposed works in accordance with the British Standard guidance BS5837 (2012) *Trees in relation to design, demolition and construction - Recommendations*.

2.3 This report will assess the potential impacts of the proposed development upon the existing tree population and outline the tree protection measures needed to prevent retained trees from being damaged during the construction works. It should be supplied to the Local Planning Authority (LPA) to allow them to determine the planning application and its contents should be adhered to by the appointed contractor, should the development be approved.

3. The Site and Tree Population

3.1 The site is located in the centre of the village of Wiswell, Lancashire, and is currently a detached two-storey residential dwelling with a detached garage and large garden area (see Figure 1). The site is bounded to the north and south by neighbouring residential properties, to the west by Pendleton Road, from which there is existing vehicular access, and to the east by Back Lane, from which there is a second vehicular access point.

3.2 The tree survey identified nine individual trees, seven groups of trees and five hedges with potential to be impacted by the proposed development works. The positions of the surveyed trees in relation to the existing site are shown on the appended tree survey plan.

3.3 The retention value of the surveyed trees was categorised using the guidance given in Table 1 of BS5837 (2012), which is explained in the appended tree survey schedule. Three individual trees were categorised as moderate quality (B-category), four trees, the seven groups and the five hedges were categorised as low quality (C-category) and two trees were categorised as unsuitable for retention (U-category) due to their limited remaining life expectancies.



Figure 1: Google Earth image of application site
(dated 7 September 2021)



4. The Development Proposal and Arboricultural Impact Assessment

The proposal

- 4.1 The planning statement provided, by Zara Moon Architects, states that the proposal is for the demolition of the existing porch and detached garage, and the construction of a single-storey rear extension, incorporating an open-plan kitchen dining living space, ground floor bedroom with en-suite and attached double garage.

Services and drainage

- 4.2 The proposed site plan provided does not show services or drainage at this stage, although there is no foreseeable requirement for new services or drainage to be sited within root protection areas (RPAs) of retained trees. Any new service trenches, ground source heat pump infrastructure, electric car charging points and connections, or foul and surface water drainage required, including pipes, channels, sewage treatment plants or surface water attenuation features shall be sited so as to avoid the RPAs of retained trees.

Tree removals

- 4.3 As shown on the appended tree removal plan and in Table 1, below, construction of the development as proposed will require the removal of five C-category trees and one section of C-category hedge.



Table 1: Proposed tree removals

ID no.	Species	BS5837 category	Recommendation
T8	Cypress	C	Remove in order to construct development as proposed
G2	Oak	C	Remove easternmost tree only in order to construct development as proposed
G6	3no. holly, elder	C	Remove group in full in order to construct development as proposed
H3	Beech	C	Remove easternmost hedge section in order to construct development as proposed
Total tree removals			5no. C-category trees 1no. C-category section of hedge

Tree works

4.4 All tree works should be carried out by a suitably qualified, experienced and insured arborist and must be in accordance with the British Standard guidance BS3998 (2010) *Tree work - recommendations*.

Compensatory tree planting

4.5 The site can accommodate new tree planting in order to compensate for the development-related losses. The specification, delivery and aftercare of replacement tree planting can be secured by means of a suitably worded condition attached to a planning approval and should be implemented in accordance with the British Standard guidance BS8545 (2014) *Trees: from nursery to independence in the landscape - Recommendations*.

5. Protection of Retained Trees

Tree protection fencing

- 5.1 Adequate protection of the retained trees during the development is paramount in ensuring their health and survival. Creating a construction exclusion zone by erecting temporary fencing around the perimeter of the trees' root protection areas (RPA) is the most effective way of protecting them during the works. It is important that tree protection fencing is secured into the ground, so that it cannot be easily moved whilst the construction works are underway.
- 5.2 For the development in question, the default BS5837 (2012) tree protection fencing specification, as shown on the appended illustration, is expected to be suitable. The fencing is to be laid-out as indicated on the appended tree protection plan prior to any works on site, including deliveries, and shall remain in place until the development is complete. Once erected, the tree protection fencing should be labelled at regular intervals with all-weather notices stating 'TREE PROTECTION AREA - KEEP OUT!'.

General tree protection recommendations

5.3 The following recommendations should be heeded throughout the development in order to prevent damage to retained trees: -

- The tree protection fencing shall be installed prior to any works on site, with the exception of tree works and vegetation removal
- Once in place, the tree protection fencing shall not be moved until the development is complete, unless authorised in advance by the Project Arboriculturist or LPA Tree Officer
- Vehicles and plant shall not operate within RPAs, unless there is an existing hard surface in place or load-appropriate ground protection has been installed
- Soil levels within RPAs shall not be raised or lowered, unless authorised in advance by the LPA
- Soil shall not be scraped, skimmed or mechanically compacted within RPAs. The majority of tree roots are found in the top 600mm of soil, so even a shallow scrape can cause detrimental root damage
- Materials, equipment, vehicles, skips, demolition arisings, stone or earth shall not be stored within soft-surfaced RPAs
- Oil, fuel, chemicals, cement or any other material with potential to cause damage to trees shall not be poured, stored, mixed, washed or discharged within tree RPAs. Consideration shall also be given to the topography of the site to prevent materials running towards trees
- Services and drainage shall not be installed below ground level within RPAs, unless authorised in advance by the LPA
- Surface water run-off shall not be re-diverted into or out of RPAs
- Fires shall not be lit within 15m of any tree crown or RPA
- Temporary buildings, including welfare units and portable toilets, shall not be sited within RPAs
- Notice boards, telephone cables, anchorage for equipment or any other services shall not be attached to trees
- Deliveries by crane shall be supervised by the site manager, ensuring the vehicle operates in a manner in which trees are not put at risk of damage



6. Tree Preservation Orders, Conservation Areas and Other Legal Constraints

- 6.1 Trees may be subject to legal protection, by means of being covered by a Tree Preservation Order (TPO) or by being located within a Conservation Area. It is an offence to cut down, uproot, top, lop, cause wilful damage or destruction of protected trees without the appropriate consent from the Local Authority. Fines for carrying out unauthorised works to protected trees can be considerable. The Local Authority must be given six-weeks' notice prior to the removal of trees within a Conservation Area with a stem diameter greater than 75mm (at a height of 1.5m above ground level). To carry out works on trees covered by a TPO, a formal application must be made to the Local Authority, which should be determined within an eight-week period.
- 6.2 According to Ribble Valley Borough Council's website, the site is within the Wiswell Conservation Area, and the surveyed trees are, therefore, afforded the associated protection. Wiswell village is also covered by the Council's TPO No. 2 (1971). Within this TPO, four elm trees, identified as group G16, are shown along the northern boundary of the Lantern Cottage plot. These elm trees are no longer present, so it appears that none of the surveyed trees are the subject of additional TPO protection. For avoidance of doubt, it is advisable to contact the Council directly to check for any statutory tree protection prior to carrying out any tree works that are not authorised as part of a detailed planning approval.
- 6.3 It should be noted that, subject to certain exemptions, a felling license must be obtained from the Forestry Commission for felling of trees that will equate to more than five cubic metres of timber in a calendar quarter. This does not, however, apply to tree removals that are authorised under a detailed planning approval.



- 6.4 Hedgerows meeting a particular series of criteria may be classed as 'important' and afforded legal protection under the Hedgerows Regulations 1997. It is an offence to remove an important hedgerow without appropriate consent from the Local Authority.
- 6.5 Birds, bats and certain other species are protected by the Wildlife and Countryside Act 1981. It is an offence to disturb wild birds within the nesting season (from March to August inclusive) and bats at any time of year, and this must be taken into account whilst carrying out tree works. The advice of a suitably qualified and licensed ecologist must be sought if the presence of birds, bats or other protected species is identified before or during tree works.

References

British Standards Institute (2014) *BS8545 Trees: from nursery to independence in the landscape - recommendations*

British Standards Institute (2012) *BS5837 Trees in relation to design, demolition and construction - recommendations*

British Standards Institute (2010) *BS3998 Tree work - recommendations*

Tree Survey Plan

BS5837 Tree retention categories:

Category A
High quality

Category B
Moderate quality

Category C
Low quality

Category U
Unsuitable for retention

Root protection areas
(RPAs)

Identification numbers:

T = individual tree
G = group of trees
W = woodland
H = hedge

Site:
Lantern Cottage
27 Pendleton Road
Wiswell
BB7 9DD

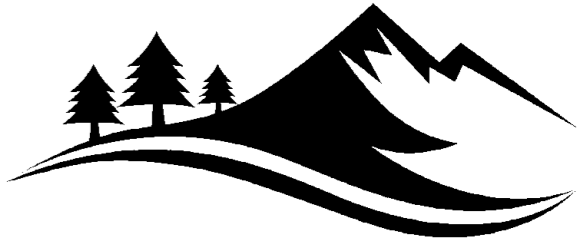
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David Clemson

Date: May 2023

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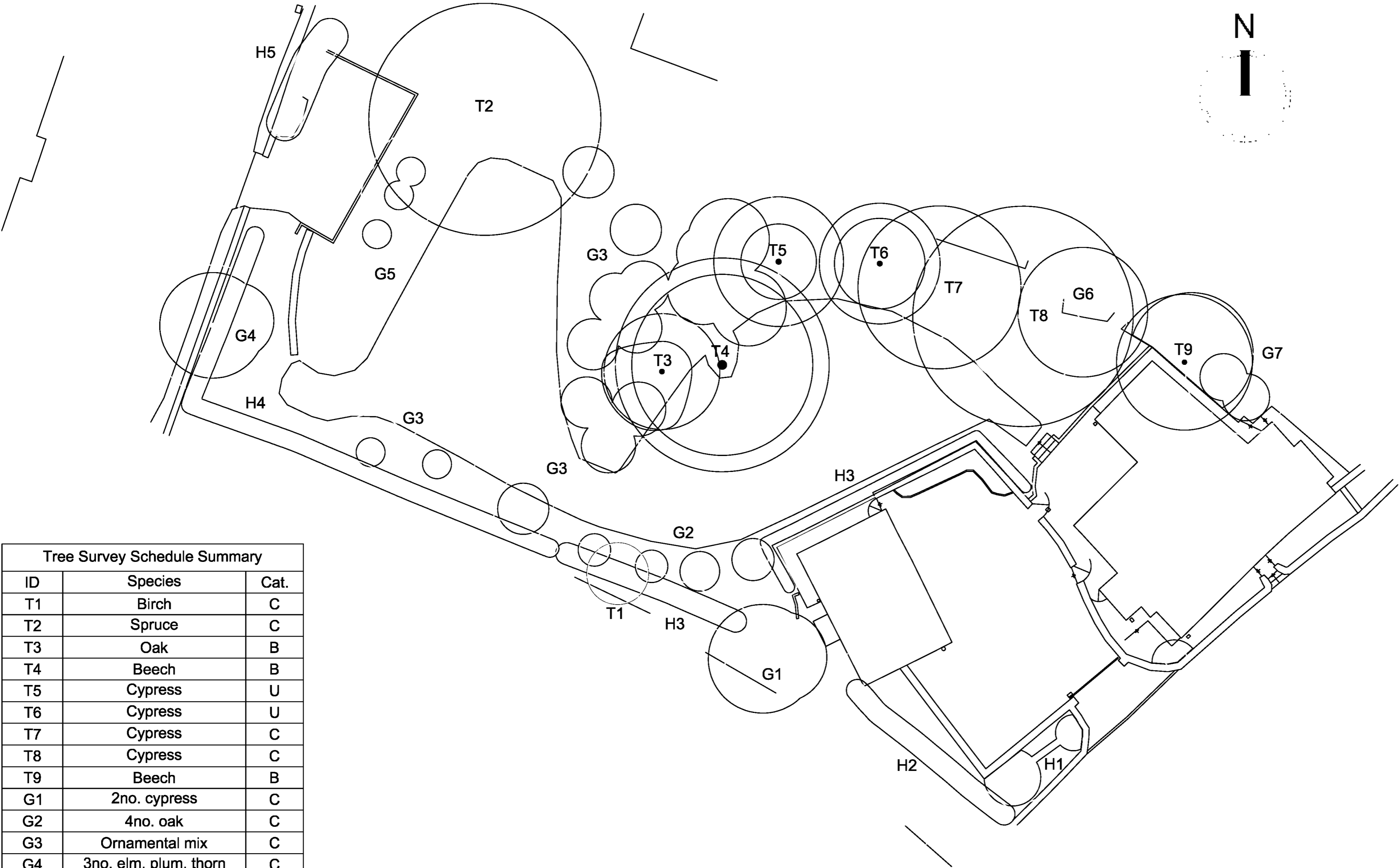
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Drawn by: JK



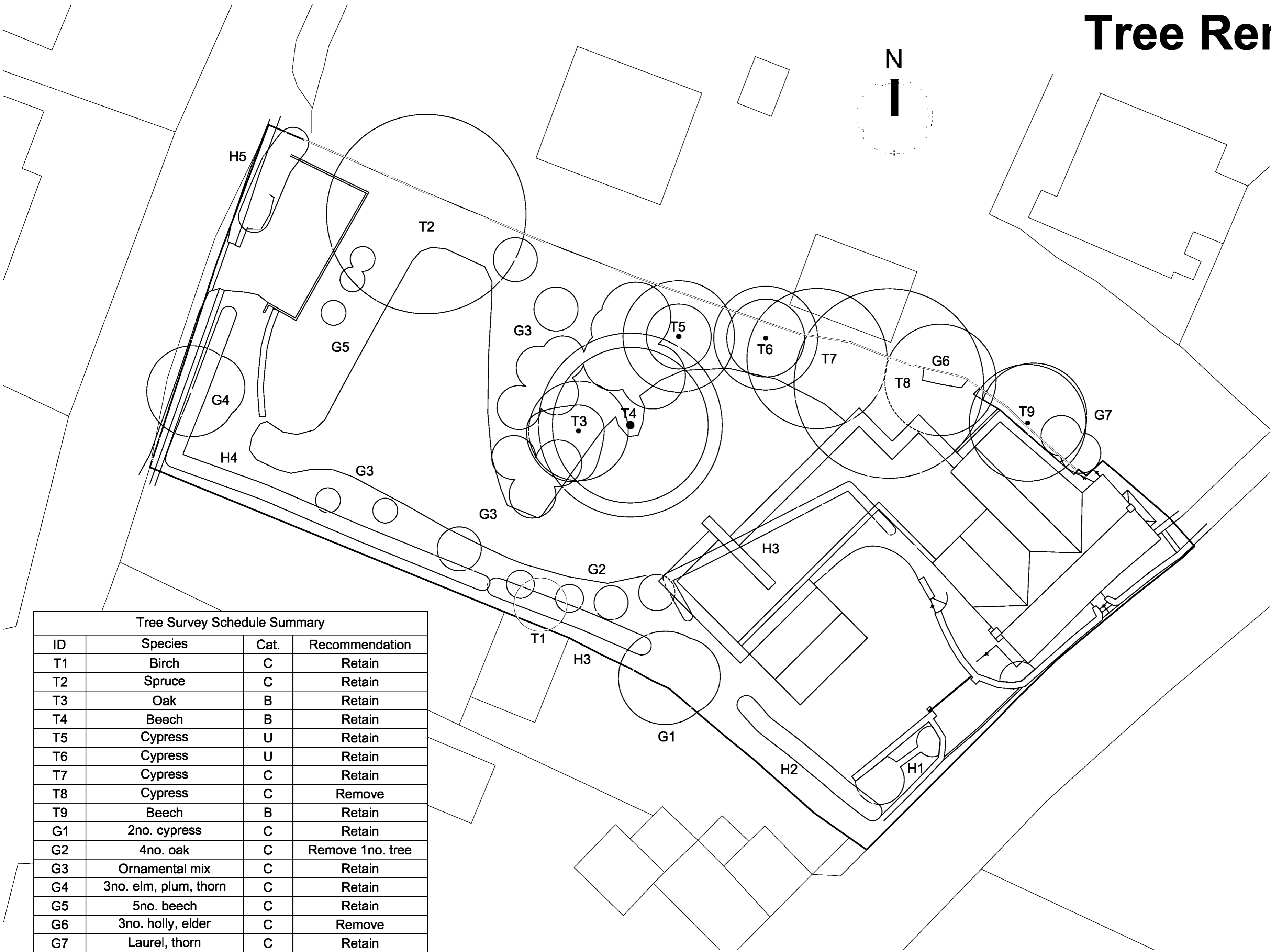
LAKELAND
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Halton Mill, Mill Lane, Halton, LA2 6ND
info@lakelandtreeconsultancy.co.uk
01524 874124
lakelandtreeconsultancy.co.uk



Tree Survey Schedule Summary		
ID	Species	Cat.
T1	Birch	C
T2	Spruce	C
T3	Oak	B
T4	Beech	B
T5	Cypress	U
T6	Cypress	U
T7	Cypress	C
T8	Cypress	C
T9	Beech	B
G1	2no. cypress	C
G2	4no. oak	C
G3	Ornamental mix	C
G4	3no. elm, plum, thorn	C
G5	5no. beech	C
G6	3no. holly, elder	C
G7	Laurel, thorn	C
H1	Ornamental mix	C
H2	Laurel	C
H3	Beech	C
H4	Yew	C
H5	Native mix	C

Tree Removal Plan



- Category A
High quality tree
- Category B
Moderate quality tree
- Category C
Low quality tree
- Category U
Unsuitable for retention
- Root protection areas (RPAs)
- Proposed tree removals

Identification numbers:
T = individual tree
G = group of trees
W = woodland
H = hedge

Site:
Lantern Cottage
27 Pendleton Road
Wiswell
BB7 9DD

Client:
Paula Davis

Date: September 2023
Scale: 1:200 at A2
Drawing: LTC198-TRP
Drawn by: JK

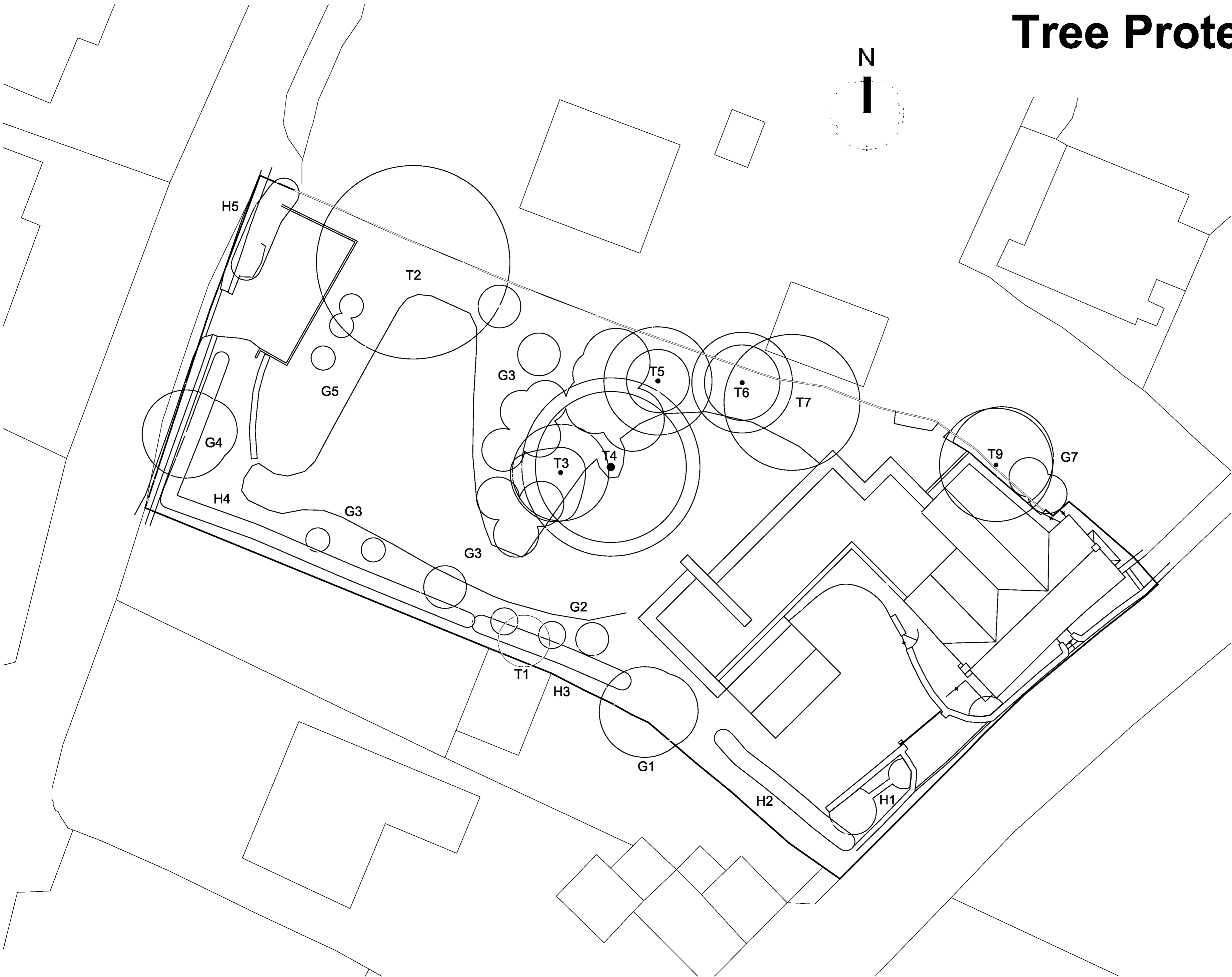


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Tree Survey Schedule Summary			
ID	Species	Cat.	Recommendation
T1	Birch	C	Retain
T2	Spruce	C	Retain
T3	Oak	B	Retain
T4	Beech	B	Retain
T5	Cypress	U	Retain
T6	Cypress	U	Retain
T7	Cypress	C	Retain
T8	Cypress	C	Remove
T9	Beech	B	Retain
G1	2no. cypress	C	Retain
G2	4no. oak	C	Remove 1no. tree
G3	Ornamental mix	C	Retain
G4	3no. elm, plum, thorn	C	Retain
G5	5no. beech	C	Retain
G6	3no. holly, elder	C	Remove
G7	Laurel, thorn	C	Retain
H1	Ornamental mix	C	Retain
H2	Laurel	C	Retain
H3	Beech	C	Remove part
H4	Yew	C	Retain
H5	Native mix	C	Retain

Tree Protection Plan



- Category A
High quality tree
- Category B
Moderate quality tree
- Category C
Low quality tree
- Category U
Unsuitable for retention
- Root protection areas
(RPAs)
- Construction exclusion
zone and tree protection
fencing

Identification numbers:
T = individual tree
G = group of trees
W = woodland
H = hedge

Site:
Lantern Cottage
27 Pendleton Road
Wiswell
BB7 9DD

Client:
Paula Davis

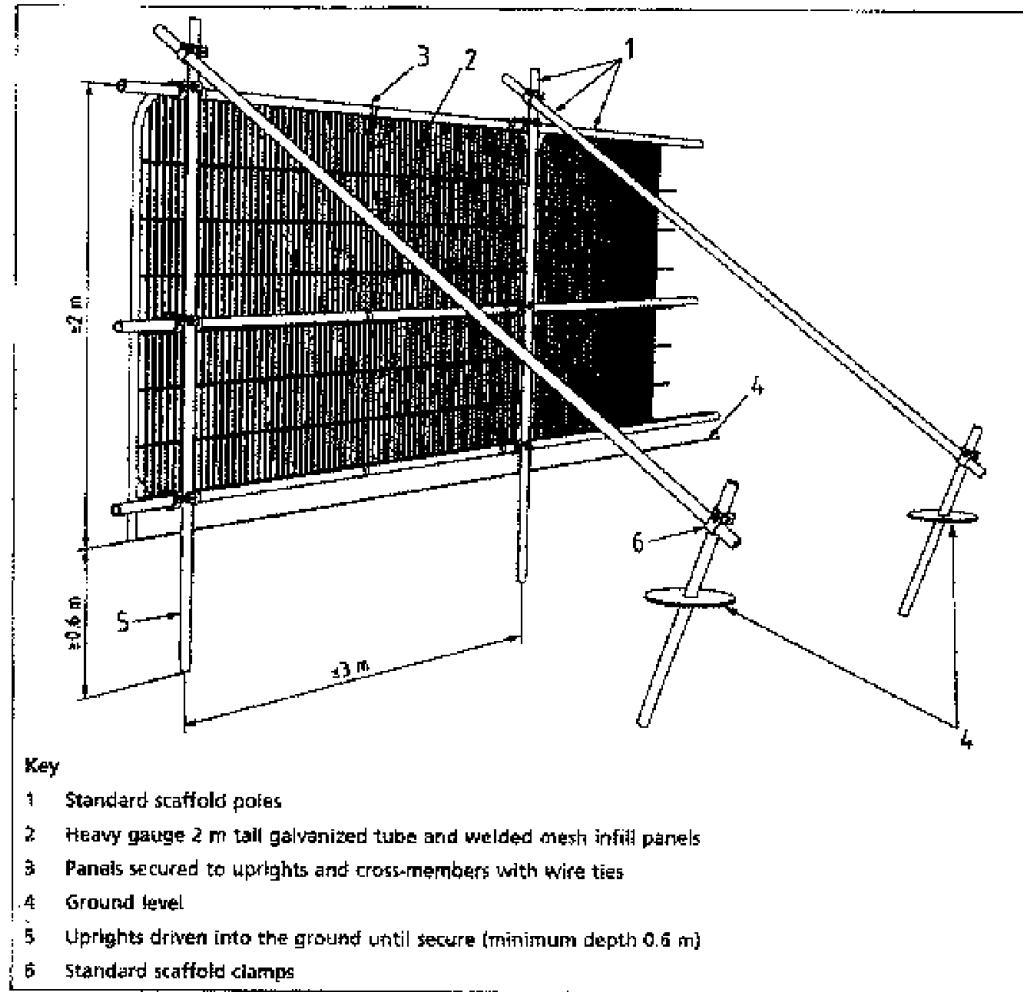
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Drawn by: JK



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BS5837 Tree Protection Fencing



Reproduced from BS 5837:2012 *Trees in relation to design, demolition and construction – Recommendations*, BSI Standards Institution 2012.

TREE PROTECTION AREA KEEP OUT!

TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS AND ARE SUBJECTS OF A TREE PRESERVATION ORDER.
TOWN & COUNTRY PLANNING ACT 1990

CONTRAVENTION OF TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL PROSECUTION

THE FOLLOWING MUST BE OBSERVED BY ALL PERSONS:

- ◆ THE PROTECTIVE FENCING MUST NOT BE REMOVED
- ◆ NO PERSON SHALL ENTER THE PROTECTED AREA
- ◆ NO MACHINE OR PLANT SHALL ENTER THE PROTECTED AREA
- ◆ NO MATERIALS SHALL BE STORED IN THE PROTECTED AREA
- ◆ NO SPILL SHALL BE DEPOSITED IN THE PROTECTED AREA
- ◆ NO EXCAVATION SHALL OCCUR IN THE PROTECTED AREA

ANY INCURSION INTO THE PROTECTED AREA MUST BE
WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY

Tree protection fencing shall be installed as shown in the specification on the left and shall be labelled at regular intervals with all-weather notices, such as that shown above, stating "TREE PROTECTION AREA - KEEP OUT!"

BS5837 Tree Survey Schedule

The trees surveyed have been assigned one of the following categories, in line with the guidance outlined in British Standard 5837 (2012)

Trees in relation to design, demolition and construction - Recommendations: -

- A** Trees of **high quality** with an estimated remaining life expectancy of at least 40 years
- B** Trees of **moderate quality** with an estimated remaining life expectancy of at least 20 years
- C** Trees of **low quality** with an estimated remaining life expectancy of at least 10 years,
or young trees with a stem diameter below 150mm
- U** **Unsuitable for retention**
Those in such a condition that they cannot realistically be retained as living trees in the
context of the current land use for longer than 10 years

Key to tree survey schedule: -

T	Tree	Age is classed as either: young; semi-mature, early-mature, mature or post-mature
G	Group	
W	Woodland	
H	Hedge	
		Life expectancy is classed as either: <10 years; 10+ years; 20+ years or 40+ years
RPA	Root protection area	The radial RPA is calculated as twelve times the stem diameter and represents the area where protection of the tree roots during development works is essential to the tree's future health and survival Where the RPA is not shown as circular on the tree survey plan, it may have been modified to take account of built structures such as buildings, roads or retaining walls
#	Estimated values	Measurements may have been estimated where the tree is inaccessible, such as if it is located on neighbouring land or if the stem is heavily covered in ivy Where trees have multiple stems, an average stem diameter may be given
≤ ≥ ≈		For groups of trees and hedges, measurements for the largest individual will be given or average measurements may be given where the individuals are approximately uniform

BS5837 Tree survey schedule

Site Lantern Cottage, 27 Pendleton Road, Wiswell, BB7 9DD

Client [REDACTED]

Surveyor [REDACTED]

Conditions Hazy cloud, moderate breeze

Survey date 4 May 2023

Job no. LTC198

ID no.	Species Latin name	Stem diameter (mm)	Age	Height (m)#	Crown spread (m)	Crown clearance (m)	Structural condition Physiological condition	Life expectancy (years)	Radial RPA (m)	BS5837 category	General observations
T1	Silver birch <i>Betula pendula</i>	170	Young	11	N 2 E 2 S 2 W 2	4	Moderate/ Good Moderate/ Good	10+	2.04	C	<ul style="list-style-type: none"> • High crown • Occasional twig dieback in crown
T2	Norway spruce <i>Picea abies</i>	640	Mature	15	N 4 E 4 S 4 W 4	2.5	Good Good	10+	7.68	C	<ul style="list-style-type: none"> • Large swelling mid-stem • Frequent twig dieback throughout crown
T3	English oak <i>Quercus robur</i>	320	Semi-mature	10	N 2 E 2 S 4 W 4	2	Good Good	40+	3.84	B	<ul style="list-style-type: none"> • Stem leaning away from neighbouring beech tree
T4	European beech <i>Fagus sylvatica</i>	590	Mature	13	N 6 E 6 S 6 W 6	2	Good Good	40+	7.08	B	<ul style="list-style-type: none"> • Large partially occluded stem wound on southern side; no evidence of progressive decay

BS5837 Tree survey schedule

Site Lantern Cottage, 27 Pendleton Road, Wiswell, BB7 9DD

Client [REDACTED]

Surveyor [REDACTED]

PhD MSc MA ArborA

Survey date 4 May 2023

Conditions Hazy cloud, moderate breeze

Job no. LTC198

ID no.	Species Latin name	Stem diameter (mm)	Age	Height (m)#	Crown spread (m)	Crown clearance (m)	Structural condition Physiological condition	Life expectancy (years)	Radial RPA (m)	BS5837 category	General observations
T5	Lawson cypress <i>Chamaecyparis lawsoniana</i>	280 220	Early-mature	9.5	N 2.5 E 2.5 S 2.5 W 2.5	3	Moderate Dead	<10	4.3	U	• Evidently dead
T6	Lawson cypress <i>Chamaecyparis lawsoniana</i>	260 210	Early-mature	8	N 3 E 3 S 3 W 3	1.75	Good Poor	<10	4	U	• Foliage very thin • Evidently in a state of terminal decline
T7	Lawson cypress <i>Chamaecyparis lawsoniana</i>	350 280	Mature	10	N 2 E 2 S 3.5 W 2	0	Good Good	10+	5.4	C	• Golden variety • No significant visible defects
T8	Lawson cypress <i>Chamaecyparis lawsoniana</i>	6x250 #	Mature	11	N 2 E 4.5 S 4.5 W 2	0	Good Good	10+	7.3	C	• Patch of decaying tissue on north side of base exhibiting signs of brown rot infection

BS5837 Tree survey schedule

Site Lantern Cottage, 27 Pendleton Road, Wiswell, BB7 9DD

Client [REDACTED]

Surveyor [REDACTED] PhD MSc MA ArborA

Survey date 4 May 2023

Conditions Hazy cloud, moderate breeze

Job no. LTC198

ID no.	Species Latin name	Stem diameter (mm)	Age	Height (m)#	Crown spread (m)	Crown clearance (m)	Structural condition Physiological condition	Life expectancy (years)	Radial RPA (m)	BS5837 category	General observations
T9	European beech <i>Fagus sylvatica</i>	300 #	Early-mature	12	N 4.5 E 4.5 S 4.5 W 4.5	2	Good Good	20+	3.6	B	<ul style="list-style-type: none"> Located on neighbouring land and therefore not accessed to inspect in detail Growing very close to boundary with crown growing over and in contact with roof of client's house
G1	2no Leyland cypress <i>Cupressus x leylandii</i>	≤ 300 #	Early-mature	≤ 7	N 2.5 E 2.5 S 2.5 W 2.5	≥ 1	Good Good	10+	≤ 3.6	C	<ul style="list-style-type: none"> Located on neighbouring land and therefore not accessed to inspect in detail Closely spaced pair growing close to boundary Crowns overhanging site by up to 2m with 1m ground clearance
G2	4no. fastigate oak <i>Quercus robur Fastigiata</i>	≤ 120	Young	≤ 6	N 1 E 1 S 1 W 1	≥ 0.75	Good Good	40+	≤ 1.44	C	<ul style="list-style-type: none"> Linear group of young planted trees

BS5837 Tree survey schedule

Site Lantern Cottage, 27 Pendleton Road, Wiswell, BB7 9DD

Client [REDACTED]

Surveyor [REDACTED] PhD MSc MA ArborA

Conditions Hazy cloud, moderate breeze

Survey date 4 May 2023

Job no. LTC198

ID no.	Species	Stem diameter (mm)	Age	Height (m)#	Crown spread (m)	Crown clearance (m)	Structural condition	Life expectancy (years)	Radial RPA (m)	BS5837 category	General observations				
	Latin name						Physiological condition								
G3	Himilayan birch	≤ 5x100 #	Young to mature	≤ 8	N ≤ 4 E ≤ 4 S ≤ 4 W ≤ 4	≥ 1.25	Moderate/ Good to Good	10+	≤ 2.7	C	• Group of small ornamental trees planted within central garden area				
	Cherry														
	Holly														
	Flowering crab														
	Wych elm														
	Privet														
	<i>Betula utilis</i> Jacquemontii						Moderate/ Good to Good								
	<i>Prunus</i> spp.														
	<i>Ilex aquifolium</i>														
	<i>Malus</i> sp.														
	<i>Ulmus glabra</i>														
	<i>Ligustrum vulgare</i>														
G4	1no. wych elm	≤ 250 150 #	Semi-mature to mature	≤ 11	N ≤ 4 E ≤ 4 S ≤ 4 W ≤ 4	≥ 1.75	Moderate/ Good to Good	10+	≤ 3.5	C	• Closely spaced cluster of trees growing within hedge at rear boundary				
	1no. cherry plum														
	1no. hawthorn														
	<i>Ulmus glabra</i>						Moderate to Good								
	<i>Prunus cerasifera</i>														
	<i>Crataegus monogyna</i>														

BS5837 Tree survey schedule

Site Lantern Cottage, 27 Pendleton Road, Wiswell, BB7 9DD

Client [REDACTED]

Surveyor [REDACTED]

PhD MSc MArborA

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Conditions

Hazy cloud, moderate breeze

Job no.

LTC198

ID no.	Species Latin name	Stem diameter (mm)	Age	Height (m)#	Crown spread (m)	Crown clearance (m)	Structural condition Physiological condition	Life expectancy (years)	Radial RPA (m)	BS5837 category	General observations
G5	5no. European beech	≤ 80	Young	≤ 6	N ≤ 2.5	≥ 0.5	Good	40+	≤ 0.96	C	• Linear row of young planted trees at rear of site
	<i>Fagus sylvatica</i>				E ≤ 2.5 S ≤ 2.5 W ≤ 2.5		Good				
G6	2no. holly	≤ 180	Mature	≤ 6	N ≤ 3	≥ 2	Good	10+	≤ 4.3	C	• Closely spaced group of multiple stems growing in section of old stone wall
	1no. elder	180			E ≤ 3						
		150			S ≤ 3						
	<i>Ilex aquifolium</i>	150			W ≤ 3		Good				
G7	Cherry laurel	≤ 130	Early-mature to mature	≤ 5	N ≤ 2.5	≥ 1.5	Good	10+	≤ 1.56	C	• Located on neighbouring land and therefore not accessed to inspect in detail • Group close to boundary with crowns in contact with wall and roof of client's house
	Hawthorn				E ≤ 2.5 S ≤ 2.5 W ≤ 2.5		Good				
	<i>Prunus laurocerasus</i>										
	<i>Crataegus monogyna</i>										

BS5837 Tree survey schedule

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ID no.	Species Latin name	Stem diameter (mm)	Age	Height (m)#	Crown spread (m)	Crown clearance (m)	Structural condition Physiological condition	Life expectancy (years)	Radial RPA (m)	BS5837 category	General observations
H1	Lawson cypress	≤ 4x80	Mature	≤ 2	N ≤ 0.75	0	Good	10+	≤ 1.9	C	• Low managed hedge at site frontage incorporating several larger topiary-style balls
	English yew				E ≤ 0.75						
	Common box				S ≤ 0.75						
	<i>Chamaecyparis lawsoniana</i>				W ≤ 0.75						
H2	<i>Taxus baccata</i>	≈ 60	Mature	2	N 0.5	0	Good	10+	0.72	C	• Managed boundary hedge
	<i>Buxus sempervirens</i>				E 0.5						
	Cherry laurel				S 0.5						
	<i>Prunus laurocerasus</i>				W 0.5		Good				
H3	European beech	≤ 60	Young	≤ 2	N ≤ 1	0	Good	20+	≤ 0.72	C	• Managed young planted hedge around garage and a slightly larger and more established section along southern boundary
	<i>Fagus sylvatica</i>				E ≤ 1						
					S ≤ 1						
					W ≤ 1		Good				

BS5837 Tree survey schedule

Site Lantern Cottage, 27 Pendleton Road, Wiswell, BB7 9DD

Client [REDACTED]

Surveyor [REDACTED]

PhD MSc MArborA

Survey date 4 May 2023

Conditions

Hazy cloud, moderate breeze

Job no.

LTC198

ID no.	Species Latin name	Stem diameter (mm)	Age	Height (m)#	Crown spread (m)	Crown clearance (m)	Structural condition Physiological condition	Life expectancy (years)	Radial RPA (m)	BS5837 category	General observations
H4	English yew	≈ 50	Young to early-mature	1.75	N 0.5	0	Good	20+	0.6	C	<ul style="list-style-type: none"> Managed boundary hedge Section to rear boundary evidently younger and as yet unmanaged
	<i>Taxus baccata</i>				E 0.5 S 0.5 W 0.5		Good				
H5	Hawthorn	≈ 100	Mature	2.5	N 1	0	Good	10+	1.2	C	<ul style="list-style-type: none"> Short section of managed hedge along rear boundary Covered in ivy
	Elder				E 1						
	Common ash				S 1						
	<i>Crataegus monogyna</i>				W 1		Good				
	<i>Sambucus nigra</i>										
	<i>Fraxinus excelsior</i>										