



LAKELAND
TREE CONSULTANCY
ARBORICULTURAL PLANNING SPECIALIST

BS5837 Tree Survey

Pendle View Fisheries

A59

Barrow

BB7 9DH

June 2021

Project details

Job no.	LTC087
Site	Pendle View Fisheries, A59, Barrow, BB7 9DH
Client	J P Hocking Ltd.
Arboriculturist	Jennie Keighley PhD MSc MArborA
Local Authority	Ribble Valley Borough Council
Issue date	10 June 2021

Lakeland Tree Consultancy
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Summary

- The client's agent instructed Lakeland Tree Consultancy to survey the trees at the above site in relation to a planning application for installation of holiday lodges.
- Trees within and close to the site were surveyed in accordance with the British Standard guidance outlined in BS5837: 2012 *Trees in relation to design, demolition and construction - Recommendations* on 8 June 2021.
- The survey identified two individual trees and five groups of trees. These are all evidently located within the client's ownership.
- Details and locations of the existing trees in relation to the existing site are included in the tree survey schedule and on the tree survey plan, below. These documents should be used to inform the design process in accordance with BS5837: 2012.
- For detailed feedback on the potential arboricultural impacts of your proposal, please email your proposal plan to us at info@lakelandtreeconsultancy.co.uk.

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 Pendle View Fisheries, A59, Barrow, BB7 9DH

Surveyor Jennie Keighley PhD MSc MA ArborA

Survey Date 8 June 2021

Client J P Hocking Ltd.

Conditions Clear skies, bright sun, settled

Job no. LTC087

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	Wild cherry <i>Prunus avium</i>	130	Young	9	N 2.5 E 2.5 S 2.5 W 2.5	2.5	Moderate Poor	<10	1.56	U	- Transplanted from shelterbelt G1 - Crown exhibiting severely reduced vitality - Unlikely to survive transplant
T2	Goat willow <i>Salix caprea</i>	5x100 #	Semi-mature	6	N 3.5 E 3.5 S 3.5 W 3.5	0	Good Good	20+	2.7	C	- Growing on bank of lake - Not accessed due to nesting geese

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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				
G1	Silver birch	≈ 130	Young	≤ 10	N ≈ 3 E ≈ 3 S ≈ 3 W ≈ 3	≥ 0	Poor to Good	20+	≈ 1.56	C	- Dense, young shelterbelt lining western edge of site - Only inspected from eastern edge - A number of trees evidently knocked over or destabilised during previous earthworks - Ash trees exhibiting moderate to severe symptoms of infection with ash dieback disease - Terminal decline of ash trees likely within two years - Advise to fell any ash trees within striking distance of neighbouring carriageway
	Hawthorn										
	Wild cherry										
	Black poplar										
	Common ash										
	Goat willow										
	Hazel						Dead to Good				
	Rowan										
	Blackthorn										
	<i>Betula pendula</i>										
	<i>Crataegus monogyna</i>										
	<i>Prunus avium</i>										
<i>Populus x canadensis</i>											
<i>Fraxinus excelsior</i>											
<i>Salix caprea</i>											
<i>Corylus avellana</i>											
<i>Sorbus aucuparia</i>											
<i>Prunus spinosa</i>											
G2	4no. black poplar	≤ 170	Young	≤ 7	N ≤ 2.5 E ≤ 2.5 S ≤ 2.5 W ≤ 2.5	≥ 0	Good	20+	≤ 2.04	C	- Group growing around ponds - Earthworks evident within outer edges of RPAs
	1no. common lime										
	<i>Populus x canadensis</i>						Good				
	<i>Tilia x europaea</i>										

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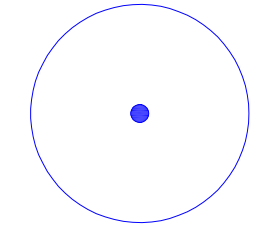
Job no. LTC087

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	Goat willow	≤ 420	Young to mature	≤ 12	N ≤ 5	≥ 0	Poor to Good	10+	≤ 5.04	C	- Dense group growing along north-west edge of site - Comprises a partially fragmented, unmanaged hedge, a cluster of older goat willows and a number of young trees			
	Hawthorn				E ≤ 5									
	Hazel				S ≤ 5									
	Elder				W ≤ 5									
	Holly													
	<i>Salix caprea</i>													
<i>Crataegus monogyna</i>						Moribund to Good								
<i>Corylus avellana</i>														
<i>Sambucus nigra</i>														
<i>Ilex aquifolium</i>														
G4	≈ 14no. common ash	≤ 200	Young to semi-mature	≤ 10	N ≤ 2.5	≥ 1.5	Poor to Moderate	<10	≤ 2.4	U	- Linear group along northern edge of lake - All exhibiting moderate to severe symptoms of infection with ash dieback disease - Terminal decline likely within two years			
					E ≤ 2.5									
	<i>Fraxinus excelsior</i>				S ≤ 2.5									
G5	5no. black poplar	≤ 240	Young to semi-mature	≤ 10	N ≤ 3.5	≥ 1	Good	20+	≤ 2.88	C	- Group growing around pond - Interspersed with dying ash trees from group G4			
	2no. silver birch				E ≤ 3.5									
	1no. common lime				S ≤ 3.5									
	<i>Populus x canadensis</i>				W ≤ 3.5									
	<i>Betula pendula</i>						Good							
	<i>Tilia x europaea</i>													

Tree Survey Plan

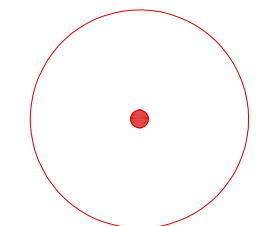
BS5837 Tree retention categories:

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

H = hedge

W = woodland

Site:

Pendle View Fisheries

A59

Barrow

BB7 9DH

Client:

J P Hocking Ltd.

Date: June 2021

Scale: 1:500 at A1

Drawing: LTC087-TSP1

Drawn by: JK



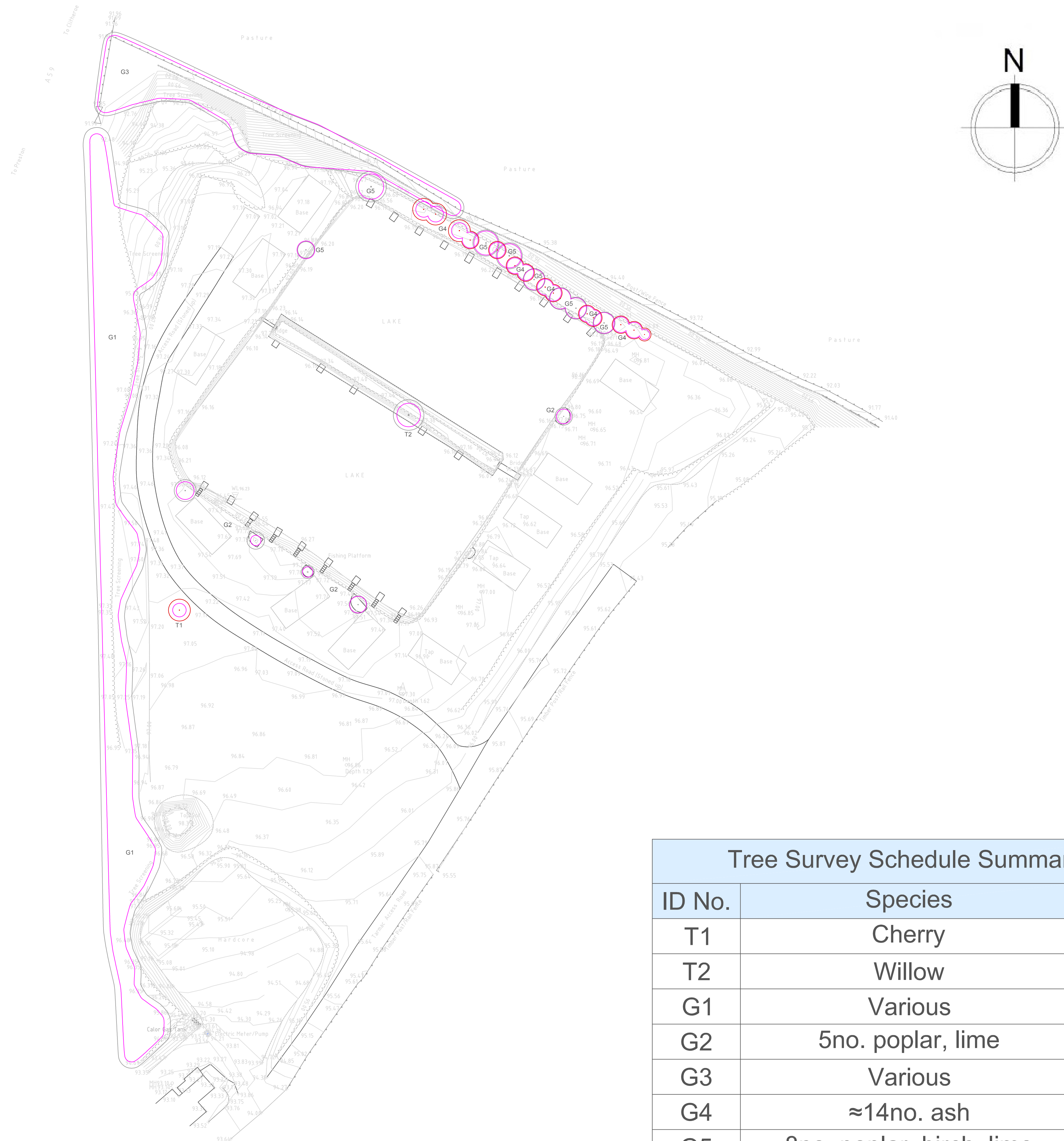
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Tree Survey Schedule Summary		
ID No.	Species	Cat.
T1	Cherry	U
T2	Willow	C
G1	Various	C
G2	5no. poplar, lime	C
G3	Various	C
G4	≈14no. ash	U
G5	8no. poplar, birch, lime	C