



LAKELAND
TREE CONSULTANCY
ARBORICULTURAL PLANNING SPECIALIST

BS5837 Tree Survey

Higher Newfield Edge
Burnley Road
Gisburn
BB7 4JN

May 2021

Project details

Job no.	LTC072
Site	Higher Newfield Edge, Burnley Road, Gisburn, BB7 4JN
Clients	Mr & Mrs Birchall
Arboriculturist	Jennie Keighley PhD MSc MArborA
Local Authority	Ribble Valley Borough Council
Date	10 May 2021

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Summary

- The client's agent, Zara Moon Architects, instructed Lakeland Tree Consultancy to survey the trees at the above site in relation to a planning application for the demolition of the existing outbuildings and erection of a single-storey rear extension.
- 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 10 May 2021.
- The survey identified five individual trees, six groups of trees and two hedges. These were located both within the site and on areas of immediately adjacent land.
- 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**
G **Group**
W **Woodland**
H **Hedge**

RPA **Root protection area**

The RPA is calculated according to the diameter of the tree's stem 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

BS5837 Tree survey schedule

Site Higher Newfield Edge, Burnley Road, Gisburn, BB7 4JN

Surveyor Jennie Keighley PhD MSc MA ArborA

Survey Date 10 May 2021

Clients Mr & Mrs Birchall

Conditions Overcast, strong wind

Job no. LTC072

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	Common ash <i>Fraxinus excelsior</i>	420	Early-mature	18	N 5 E 5 S 5 W 5	7	Moderate Moderate	<10	5.04	U	<ul style="list-style-type: none"> Crown exhibiting signs of mid-stage infection with ash dieback disease (<i>Hymenoscyphus fraxineus</i>) Terminal decline projected within 5 years
T2	Lawson cypress <i>Chamaecyparis lawsoniana</i>	340	Early-mature	14	N 2 E 2 S 2 W 2	0	Good Good	10+	4.08	C	<ul style="list-style-type: none"> Old planting stake occluded into base
T3	Plum <i>Prunus domestica</i>	210	Mature	9	N 6 E 2 S 0 W 3	2	Moderate Good	10+	2.52	C	<ul style="list-style-type: none"> Major stem lean to north-east
T4	Rowan <i>Sorbus aucuparia</i>	170	Mature	8	N 4 E 1 S 0 W 1	2	Good Good	10+	2.04	C	<ul style="list-style-type: none"> Crown suppressed by neighbouring trees and heavily biased north-east
T5	Hawthorn <i>Crataegus monogyna</i>	2x200 #	Mature	6	N 2.5 E 2.5 S 2.5 W 2.5	0	Good Good	10+	3.4	C	<ul style="list-style-type: none"> No significant visible defects

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G1	6no. European beech <i>Fagus sylvatica</i>	≤ 610	Semi-mature to mature	≤ 18	N ≤ 6.5 E ≤ 6.5 S ≤ 6.5 W ≤ 6.5	≥ 1.5	Good Good	20+	≤ 7.32	B	<ul style="list-style-type: none"> Linear group growing along boundary No significant visible defects
G2	8no. sycamore <i>Acer pseudoplatanus</i>	≤ 440	Semi-mature to early-mature	≤ 20	N ≤ 5.5 E ≤ 5.5 S ≤ 5.5 W ≤ 5.5	≥ 2	Good Good	20+	≤ 5.28	B	<ul style="list-style-type: none"> Linear group growing along boundary One tree leaning significantly north-east
G3	2no. sycamore 1no. Norway maple <i>Acer pseudoplatanus</i> <i>Acer platanoides</i>	≤ 230	Young	≤ 18	N 2 E 2 S 2 W 2	≥ 1.5	Good Good	20+	≤ 2.76	C	<ul style="list-style-type: none"> Group in centre of rear garden, surrounded by younger saplings Minor deadwood in lower crowns
G4	4no. Lawson cypress <i>Chamaecyparis lawsoniana</i>	≤ 170	Semi-mature	≤ 8	N 1.5 E 1.5 S 1.5 W 1.5	≥ 0	Moderate-Good Moribund-Good	10+	≤ 2.04	C	<ul style="list-style-type: none"> Closely spaced group of mixed cypress varieties in garden border with lower shrubs One tree almost dead

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G5	4no. hawthorn 2no. common ash 1no. hazel 1no. Norway spruce 1no. black pine 1no. sycamore 1no. Norway maple 1no. horse chestnut <i>Crataegus monogyna</i> <i>Fraxinus excelsior</i> <i>Corylus avellana</i> <i>Picea abies</i> <i>Pinus nigra</i> <i>Acer pseudoplatanus</i> <i>Acer platanoides</i> <i>Aesculus hippocastanum</i>	≤ 260 250	Young to mature	≤ 6	N ≤ 2 E ≤ 2 S ≤ 2 W ≤ 2	≥ 0	Poor-Good Poor-Good	20+	≤ 4.3	C	<ul style="list-style-type: none">• Decorative group growing along driveway• Includes a short section of grown-out hawthorn hedge at northern end• Most of crowns intensively managed• Ash crowns exhibiting signs of mid-stage infection with ash dieback disease

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G6	Goat willow	≤ 350	Young to mature	≤ 12	N ≤ 4	≥ 1.5	Good	20+	≤ 4.2	B	<ul style="list-style-type: none"> Southern end of a linear group growing along driveway Northern extent of group not inspected
	Rowan				E ≤ 4						
	English oak				S ≤ 4						
	Sycamore				W ≤ 4						
	<i>Salix caprea</i>										
H1	<i>Sorbus aucuparia</i>	≈ 150	Young to mature	≤ 7	N 2.5	0	Good	10+	≈ 1.8	C	<ul style="list-style-type: none"> Double-rowed boundary hedge comprising young holly in front of mature hawthorn Hawthorn previously laid Currently unmanaged
	<i>Quercus robur</i>				E 2.5						
	<i>Acer pseudoplatanus</i>				S 2.5						
					W 2.5						
H2	Hawthorn	≈ 100	Semi-mature	≤ 3	N 0.5	0.5	Good	10+	≈ 1.2	C	<ul style="list-style-type: none"> Intensively managed garden boundary hedge
	Holly				E 0.5						
	<i>Crataegus monogyna</i>				S 0.5						
	<i>Ilex aquifolium</i>				W 0.5						
H2	Leyland cypress	≈ 100	Semi-mature	≤ 3	N 0.5	0.5	Good	10+	≈ 1.2	C	<ul style="list-style-type: none"> Intensively managed garden boundary hedge
					E 0.5						
					S 0.5						
					W 0.5						
	<i>Cupressus x leylandii</i>										

