



LAKELAND
TREE CONSULTANCY
ARBORICULTURAL PLANNING SPECIALIST

BS5837 Tree Survey

Kemple Down
Birdy Brow
Chaigley
BB7 3LR

August 2026

Project details

Job no.	LTC379
Site	Kemple Down, Birdy Brow, Chaigley, BB7 3LR
Client	David Dennis
Agent	Stanton Andrews Architects
Arboriculturist	Jennie Keighley PhD MSc MArborA
Local authority	Ribble Valley Borough Council
Issue date	7 August 2026

Lakeland Tree Consultancy
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Summary

- The client's agent instructed Lakeland Tree Consultancy to survey the trees at Kemple Down, Birdy Brow, Chaigley in relation to a potential planning application.
- 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 6th August 2026.
- The survey identified four individual trees and four groups of trees, which were located both within the site and on areas of immediately adjacent land.
- One of the groups of trees was categorised as high quality (A-category), two of the individual trees and one of the groups were categorised as moderate quality (B-category), one of the individual trees and two of the groups were categorised as low quality (C-category), and one of the individual trees was categorised as unsuitable for retention (U-category) due to its limited remaining life expectancy.
- 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 proposed site design in accordance with BS5837.

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 Kemple Down, Birdy Brow, Chaigley, BB7 3LR

Surveyor Jennie Keighley PhD MSc MArborA

Survey date 6 August 2026

Client David Dennis

Conditions Light rain, moderate breeze

Job no. LTC379

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 fir <i>Abies sp.</i>	920	Mature	>20	N 3 E 3 S 4 W 3	7	Good Good	10+	11	B	Frequent twig dieback throughout crown and signs of slightly reduced vitality
T2	Black pine <i>Pinus nigra</i>	980	Mature	20	N 5 E 5 S 5 W 5	6	Moderate Poor	<10	11.8	U	- Crown severely thin, with abundant branch dieback throughout - In a state of terminal decline - Remaining life expectancy projected to be less than 10 years
T3	Weeping willow <i>Salix babylonica</i>	500	Mature	10	N 5 E 7.5 S 7.5 W 5	0.5	Good Good	20+	6	B	No significant visible defects
T4	Lemon cypress <i>Cupressus macrocarpa</i> Goldcrest	3x80 #	Early-mature	4	N 2 E 2 S 2 W 2	1	Good Good	10+	1.7	C	Small ornamental tree growing at road frontage

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G1	3no. apple 3no. cherry 1no. pear <i>Malus domestica</i> <i>Prunus</i> spp. <i>Pyrus communis</i>	≤ 320	Young to mature	≤ 7	N ≤ 4.5 E ≤ 4.5 S ≤ 4.5 W ≤ 4.5	≥ 1.5	Moderate to Good Poor to Good	20+	≤ 3.8	C	- Orchard area within northern section of garden - Contains trees of various ages and condition - Further small saplings planted on eastern side of group (not recorded)
G2	Hornbeam Silver birch Common alder Tree of heaven <i>Carpinus betulus</i> <i>Betula pendula</i> <i>Alnus glutinosa</i> <i>Ailanthus altissima</i>	≈ 300	Young to mature	≤ 18	N 4 E 4 S 4 W 4	0	Good Good	20+	3.6	B	- Dense boundary group growing within neighbouring garden - Cherry laurel within understorey
G3	2no. common alder <i>Alnus glutinosa</i>	≤ 950 #	Mature	≤ 16	N ≤ 7 E ≤ 7 S ≤ 7 W ≤ 7	≥ 1.5	Good Good	40+	≤ 11.4	A	- Pair of trees growing close to boundary, within neighbouring field to south of site - Not accessed to inspect in detail

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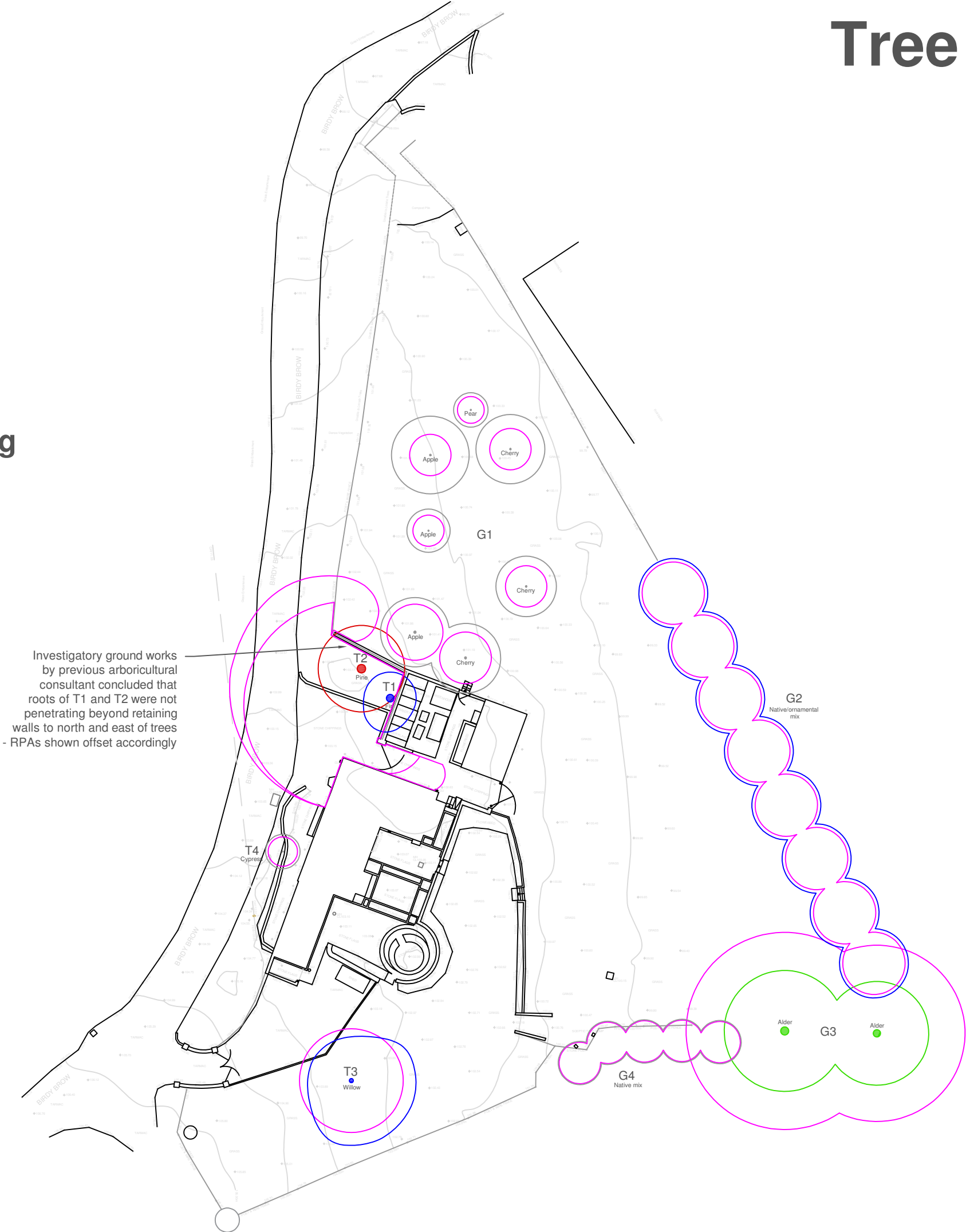
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G4	Hawthorn	≈ 200	Young to mature	≤ 5	N 2.5	≥ 0	Good	40+	2.4	C	• Group growing along boundary, within neighbouring field to south of site
	Hazel				E 2.5						
	Grey willow				S 2.5						
	Common alder				W 2.5						
	<i>Crataegus monogyna</i>										
	<i>Corylus avellana</i>						Good				
	<i>Salix cinerea</i>										
	<i>Alnus glutinosa</i>										

Tree Survey Plan



Site Plan as Existing



BS5837 Tree retention categories:

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

Identification numbers:

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

Site:
Kemple Down
Birdy Brow
Chaigley
BB7 3LR

Client:
David Dennis

Date: August 2026
Scale: 1:500 at A3
Drawing: LTC379-TSP Rev A
Drawn by: JK

Tree Survey Schedule Summary		
ID	Species	Cat.
T1	Fir	B
T2	Pine	U
T3	Willow	B
T4	Cypress	C
G1	Orchard	C
G2	Native/ornamental mix	B
G3	2no. alder	A
G4	Native mix	C