

Tree Categories

Trees are categorised in accordance with the cascade chart in Table 1 of the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'

Category 'U' - Trees in such condition that they cannot realistically be retained as living trees in context of the current land use for longer than 10 years.

Category 'A' - Trees of high quality with an estimated remaining life expectancy of at least 40 years.

Category 'B' - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.

Category '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.

Root Protection Area

In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPAs) should be plotted around each of the category A, B and C trees. This is a minimum area in m² which should be left undisturbed around each retained tree.

The RPA is calculated using the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'.

The calculated RPA is capped to 707m², which is the equivalent to a circle with a radius of 15m. Where there appears to be restrictions to root growth the root protection area is reshaped to more accurately reflect the likely distribution of the roots.

The main site plan shows a residential property with a large green lawn and a paved driveway. Several trees are marked with labels T1 through T15. Tree T1 is a large tree at the bottom center. Trees T2 through T5 are along the right side. Trees T6 through T15 are along the left and top edges. A red dashed line indicates the boundary of the site. A blue rectangle represents a proposed patio, and a green rectangle represents a proposed lowered garden. A red arrow points to the patio area, indicating an issue. A scale bar at the bottom left shows distances from 0m to 10m. A north arrow is located in the top right corner.

Issue: Proposed patio is partially situated within the RPAs of tree no. T6 and group G1

Solution: Patio sub-base within RPAs is to be excavated under arboricultural supervision.

Issue: Proposed lowered garden is partially situated within the RPAs of tree no. T6, T13 and group G1

Solution: Excavations for lowered garden within RPAs is to be carried out under arboricultural supervision.

Indicative only

WROXHAM

Arboricultural Impacts

Impacts	Nos. of trees
Trees to be removed	8
Groups / Hedges to be removed (Partial removal of groups)	0 (0)
Trees with proposed incursions into RPAs	2
Groups / Hedges with proposed incursions into RPAs	1
Trees that will require pruning	0
Groups / Hedges that will require pruning	1
Trees to be transplanted	0
Groups / Hedges to be transplanted	0

Tree Work Schedule

No.	Species	Proposed structure	Incursion
T6	Beech	Patio & lowered garden	Incursion
T13	Hawthorn	Lowered garden	RPA
G1	Various	Patio & lowered garden	RPA

Tree Categories

No.	Species	Works	Category
T5	Fig	Fell to ground level, remove stump	C1
T7	Fig	Fell to ground level, remove stump	C1
T8	Oak	Fell to ground level, remove stump	C1
T9	Olive	Fell to ground level, remove stump	C1
T10	White willow	Fell to ground level, remove stump	C1
T11	Lilac	Fell to ground level, remove stump	C1
T12	Ash	Fell to ground level, remove stump	C1
T14	Elder	Fell to ground level, remove stump	U
T15	Leyland cypress	Fell to ground level, remove stump	C1
G1	Various	Crown lift to 3m above proposed patio	C1

Arboricultural Method Statement

All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree work - Recommendations.

All arising are to be removed and the site is to be left as found.

Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of tree surgery operations. No equipment or vehicles such as timber lorries, tractors, excavators or cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.

ARBTECH

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Project:

Land rear of 10-12 Bidwell Gardens
Haringey
North London
N11 2AX

Client:

Eleni Christou

Drawing:

Arboricultural Impact Assessment

Based on:

Full App 02 - PL 100

Drawing No:

Arbtech AIA 01

Rev:

A

Date:

Jan 2021

Scale:

1:50 @ A1

Drawn:

AST

Key:

Tree Nos.:	T1	Tree Canopies:	Trunks:	
RPAs:	Category 'U' trees:	Category 'C' trees:		
Category 'C' groups:	Trees to be removed:	T5	RPA Incursion:	
Proposal:	Extents of lowered garden:			

All dimensions should be checked on site. No dimensions are to be scaled from this drawing. Please notify us of any discrepancies found. Arbtech Consulting Ltd. cannot be held responsible for inaccuracies in the base drawing in which this plan is based.

This drawing is designed to reflect the principles of the layout or design only, and relates only to the protection of retained trees.

This drawing is not to be read as a definitive part of the engineering or construction design or method statement. An architect or structural engineer should be contacted over any matters of construction, detailing or specification and for any standards or regulatory requirements relating to proposed structures, their siting or underground services.

This drawing was produced in colour - a monochrome copy should not be relied upon.

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