Note: No unauthorised excavations are to be carried out within the RPAs of any retained trees. Any level changes must form part of a construction method statement & must protect the rooting environments of all retained trees.

Note: Tree T01 is infected by the ash die-back pathogen & is proposed to be removed.
It is proposed to be mitigated with replacement planting of a semi mature fastigiate oak tree.

Issue: Proposed bin-store decking situated within the RPA of tree T10.
Solution: Excavations of decking posts of the bin-store within the RPA are to be undertaken manually under arboricultural supervision; decking posts may need to be relocated if significant will be affected.

Issue: Proposed pathways & seating areas are situated within RPAs of trees T02, T03, T04, T05, T06 & T08.
Solution: Proposed surfacing is to be designed so that it can be constructed entirely above the existing soil level.

Proposed building

T01 T02 T03 T04 T05 T06 T07 T08 T09 T10 T11 T12 T13 T14 T15
G01 G02
H01 H02

0m 1m 3m 5m 10m 15m 20m

Indicative only

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 m^2 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 707m^2, 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.

Arboricultural Impacts

Impacts	Nos. of trees
Trees to be removed	2
Groups / Hedges to be removed (Partial removal of groups)	2 (1)
Trees with proposed incursions into RPAs	7
Groups / Hedges with proposed incursions into RPAs	1
Trees that will require pruning	0
Groups / Hedges that will require pruning	0
Trees to be transplanted	0
Groups / Hedges to be transplanted	0

No.	Species	Proposed structure	Incursion
T02	Ash	Hard surfacing	RPA
T03	Lime	Hard surfacing	RPA
T05	London plane	Hard surfacing	RPA
T06	Ash	Hard surfacing	RPA
T07	Ash	Hard surfacing	RPA
T08	Ash	Hard surfacing	RPA
T10	Ash	Bin-store decking	RPA
G01	Various	Hard surfacing	RPA

Tree Work Schedule

No.	Species	Works	Category
T01	Ash	Fell to ground level	U
T09	Lime	Fell to ground level, remove stump	U
H01	Various	Fell to ground level, remove stumps	U
H02	Beech	Fell to ground level, remove stumps	U
G02	Various	Partial removal of group	U

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

No. of individual trees to be removed

U	A	B	C
0	0	2	0

No. of groups / hedges to be removed

U	A	B	C
0 (0)	0 (0)	0 (0)	2 (1)

( ) = Partial removal of a groups

Arboricultural Method Statement

All tree work is to be undertaken in accordance with British Standard Please refer to Arbtech Consulting Ltd. Tree Schedule, Arboricultural Method Statement and Tree Protection Plan, for full details of all surveyed trees and how all aspects of the development maybe implemented without detriment to retained trees.

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Client:
BlueSky Student Ladybarn House Ltd.

Drawing:
Arboricultural Impact Assessment

Based on:
LBH-ULA-00-00-DR-L-1000-P3

Drawing No:	Rev:
Arbtech AIA 01	

Date:	Scale:	Drawn:
Aug 2025	1:100 @ A0	AST

Key:
Tree Nos.: T02 | Tree Canopies: | Trunks:
RPAs: | Category 'U' trees: | Category 'B' trees:
Category 'B' groups: | Category 'C' trees: | Tree to be removed: T01
Incursion - Bin-store decking: | Incursion - Hard surfacing:

All dimensions should be checked on site. No dimensions are to be scaled from this drawing.
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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 designs or method statement. An architect or structural engineer should be contacted over any matters of construction, detailing or specification that may are standards or regulatory requirements relating to proposed structures, hard surfacing or underground services.
This drawing was produced in colour - a monochrome copy should not be relied upon.

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