



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

Category 'C' - Trees of low quality with an estimated remaining life expectancy of at least 20 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 Area (RPA) should be placed 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 calculated RPA is calculated using the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'.

The calculated RPA is set 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.

Arboricultural Impacts

Impacts	Nos. of trees
Trees to be removed	17
Groups (partial) to be removed	5 (2)
Trees with proposed incisions into RPA	4
Trees with proposed incisions into RPA	1
Trees that will require pruning	0
Groups that will require pruning	0

Arboricultural Impacts

No.	Species	Proposed structure	Incursion
W1	Various	Protection hard surface	RPA & crown

Tree Work Schedule

No.	Species	Works	Category
C1	A Collection	Fall trees to ground level; remove stumps	C1
C2	A Collection	Fall trees to ground level; remove stumps	C1
G1	Various	Fall trees to ground level; remove stumps	C1
G2	Various	Fall trees to ground level; remove stumps	C1
G3	Various	Fall trees to ground level; remove stumps	C1
G4	Various	Partial removal of group; Fall trees to ground level; grind out stumps	B1
W1	Various	Partial removal of group; Fall trees to ground level; grind out stumps. Place Crown Lift trees within the path of the proposed pedestrian hard surface to ensure 3m clearance above current ground level for path users.	B1
1	Horn oak	Fall tree to ground level; remove stump	C1
2	Horn oak	Fall tree to ground level; remove stump	C1
3	Horn oak	Fall tree to ground level; remove stump	C1
4	Downy birch	Fall tree to ground level; remove stump	C1
5	Horn oak	Fall tree to ground level; remove stump	C1
6	Spice birch	Fall tree to ground level; remove stump	C1
7	Spice birch	Fall tree to ground level; remove stump	C1
8	Cherry	Fall tree to ground level; remove stump	C1
9	Mountain ash	Fall tree to ground level; remove stump	C1
10	Common ash	Fall tree to ground level; remove stump	C1
11	Common ash	Fall tree to ground level; remove stump	C1
12	Common ash	Fall tree to ground level; remove stump	C1
13	Austrian pine	Fall tree to ground level; remove stump	C1
14	Goat willow	Fall tree to ground level; remove stump	C1
15	Scots pine	Fall tree to ground level; remove stump	C1
16	Scots pine	Fall tree to ground level; remove stump	C1
17	Scots pine	Fall tree to ground level; remove stump	C1
18	Black alder	Prune: Crown lift tree within the path of the proposed pedestrian hard surface to ensure 3m clearance above current ground level for path users.	C1
19	Sycamore	Prune: Crown lift tree within the path of the proposed pedestrian hard surface to ensure 3m clearance above current ground level for path users.	B1
20	Sycamore	Prune: Crown lift tree within the path of the proposed pedestrian hard surface to ensure 3m clearance above current ground level for path users.	B1
21	Norway maple	Prune: Crown lift tree within the path of the proposed pedestrian hard surface to ensure 3m clearance above current ground level for path users.	B1

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 trailers, 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	0	17

No. of groups (partial) to be removed

U	A	B	C
0	0	0	5

Arboricultural Method Statement

All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree Work - Recommendations. 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 may be implemented without detriment to retained trees.

Drawing Sheet Plan

Rev: Date: Notes:

Unit 3, Well House Barns, Chester, CH4 0DH
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Project: Mill Hill London NW7 2ET

Client: Meadow Residential

Drawing: Arboricultural Impact Assessment Sheet 3 of 3

Based on: P1-PLANNING-A01-00-03

Drawing No: Arbtech AIA 03 Rev: --

Date: Feb 2019 Scale: 1:150 @ A0 Drawn: JCH

Key

Tree No.:	18	Tree Categories:	Trunks:	○
RPAs:	Category 'A' group:	Category 'B' group:	Category 'C' group:	○
Category 'C' trees:	Existing Footfall:	Incursion - hard surfacing:		
Trees to be removed:				

All dimensions shall be taken to the 100% dimensions and be taken from the drawing.

Where necessary, dimensions shall be taken from the drawing.

The drawings are prepared for the purpose of the layout or design only, and shall not be used for the construction of any structure.

The drawings are prepared in colour - a monochrome copy shall not be used.

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