

### 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 high quality with an estimated remaining life expectancy of at least 40 years.

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

Category 'D' - 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 Area (RPA) should be placed around each of the category A, B and C trees. This is a minimum area in m<sup>2</sup> 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<sup>2</sup>, 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	No. of trees
Trees to be removed	17
Groups (partial groups) to be removed	5 (2)
Trees with proposed incisions into RPA	4
Trees with proposed incisions into WPA	1
Trees that will require pruning	0
Groups that will require pruning	0

### Arboricultural Impacts

No.	Species	Proposed structure	Incursion
W1	Various	Proposed hard surfacing	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; ground out stumps	B1
W1	Various	Partial removal of group; Fall trees to ground level; ground out stumps. Phase Crown lift trees within the path of the proposed pedestrian half 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	Large horn oak	Fall tree to ground level; remove stump	C1
7	Horn oak	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	Phase: Crown lift tree within the path of the proposed pedestrian half surface to ensure 3m clearance above current ground level for path users	C1
19	Sycamore	Phase: Crown lift tree within the path of the proposed pedestrian half surface to ensure 3m clearance above current ground level for path users	B1
20	Sycamore	Phase: Crown lift tree within the path of the proposed pedestrian half surface to ensure 3m clearance above current ground level for path users	B1
21	Noway maple	Phase: Crown lift tree within the path of the proposed pedestrian half 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 is 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

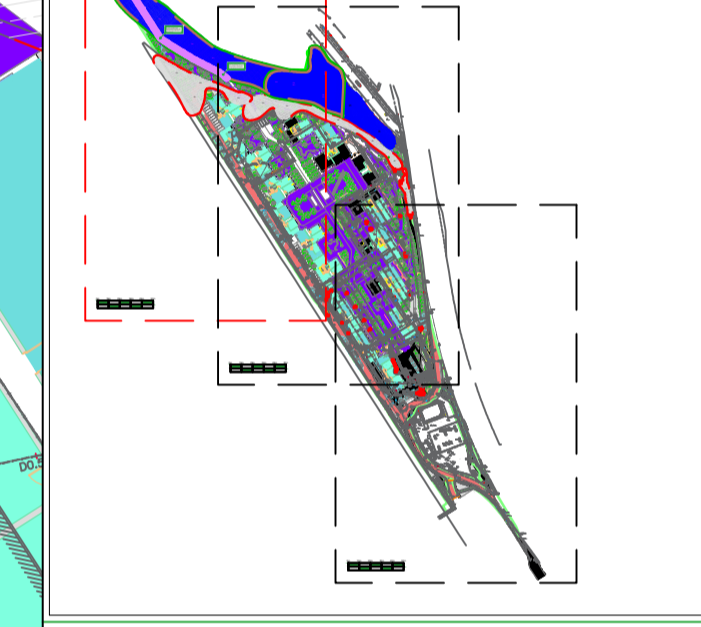
No. of groups (partial) to be removed			
U	A	B	C
0	0	0	5

### Arboricultural Method Statement

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

Please refer to Arbtch 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



Notes: Proposed hard surfacing situated within RPA of trees in woodland group W1. Retention: Proposed surfacing, and its drainage profile, to be designed in conjunction with an arboriculturist so that it can be constructed entirely above the existing soil level with minimal need for tree removals.

Notes: Proposed hard surfacing situated within RPA of trees in woodland group W1. Retention: Proposed surfacing, and its drainage profile, to be designed in conjunction with an arboriculturist so that it can be constructed entirely above the existing soil level with minimal need for tree removals.

Rev: Date: Notes:



Project: Mill Hill London NW7 2ET

Client: Meadow Residential

Drawing: Arboricultural Impact Assessment Sheet 1 of 3

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

Drawing No: Arbtch AIA 03 Rev: --

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

Key:	
Tree No. 18	Tree Categories: Trunks
RPA	Category 'A' group
Category 'B' trees	Category 'B' group
Category 'C' trees	Category 'C' group
Trees to be removed	Incursion - hard surfacing
	Existing Footpath
	Proposed Footpath

All dimensions shall be taken to the 100mm level unless otherwise stated. Dimensions are to be taken from the existing ground level unless otherwise stated. Arbtch Consulting Ltd cannot be held responsible for inaccuracies in the information provided for the purposes of the layout or design only, and neither are we to be held responsible for any errors or omissions in the information provided. The drawings are for information only and are not to be used for construction purposes. The drawings are for information only and are not to be used for construction purposes. The drawings are for information only and are not to be used for construction purposes.