

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 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 subject to 70% which is the equivalent to a circle with a radius of 15m. Where there are 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 groups) to be removed	5 (2)
Trees with proposed incisions into RPA	4
Groups 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 over 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; ground stumps	B1
W1	Various	Partial removal of group; Fall trees to ground level; ground stumps. Place 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	Slippery elm	Fall tree to ground level; remove stump	C1
7	Slippery elm	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	Place: Crown lift trees within the path of the proposed pedestrian half surface to ensure 3m clearance above current ground level for path users.	B1
19	Sycamore	Place: Crown lift trees within the path of the proposed pedestrian half surface to ensure 3m clearance above current ground level for path users.	B1
20	Sycamore	Place: Crown lift trees within the path of the proposed pedestrian half surface to ensure 3m clearance above current ground level for path users.	B1
21	Noway maple	Place: Crown lift trees 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 works are to be completed 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 tractors, 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

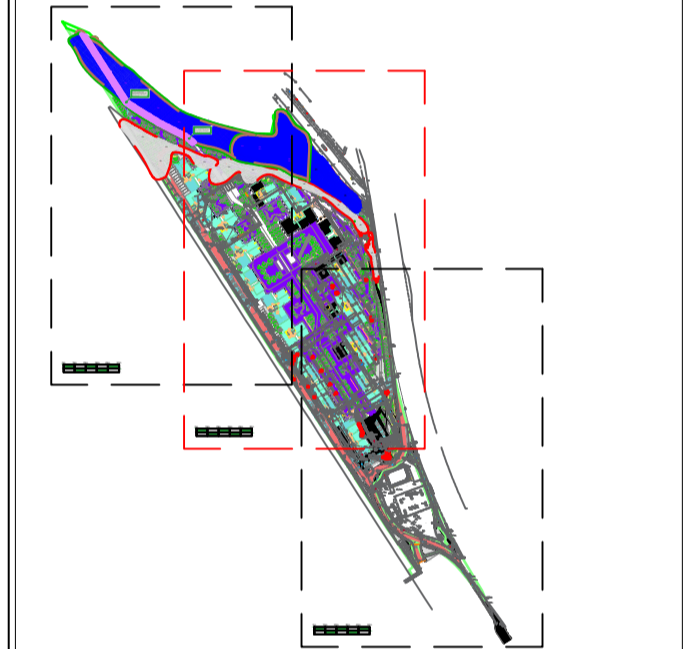
U	A	B	C
0	0	0	5

Arboricultural Method Statement

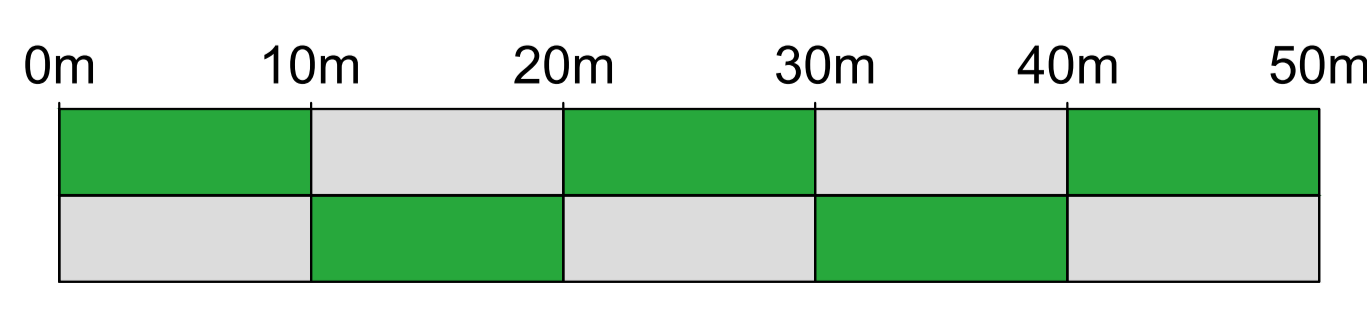
All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree Work - Recommendations.

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 level surfacing adjacent within RPA of trees in standard group W1. Retention Proposed surfacing, and its adjacent ponds, to be designed in conjunction with an arboriculturalist to ensure it can be constructed safely above the existing soil level with minimal need for tree removal.



Rev: Date: Notes:



Project: Mill Hill London NW7 2ET

Client: Meadow Residential

Drawing: Arboricultural Impact Assessment Sheet 2 of 3

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

Drawing No: Arbtch AIA 03

Date: Feb 2019

Scale: 1:150 @ A0

Drawn: JCH

Tree No.	Tree Category	Trunks
18	Category 'B' group	Trunks
Category 'B' group	Category 'C' group	Trunks
Existing	Incursion - surfacing	Trunks
Trees to be removed	Trunks	Trunks

All dimensions shall be taken to the centre of the trunk unless otherwise stated.

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