

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 '1' - 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 '2' - Trees of high quality with an estimated remaining life expectancy of at least 40 years.

Category '3' - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.

Category '4' - Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm.

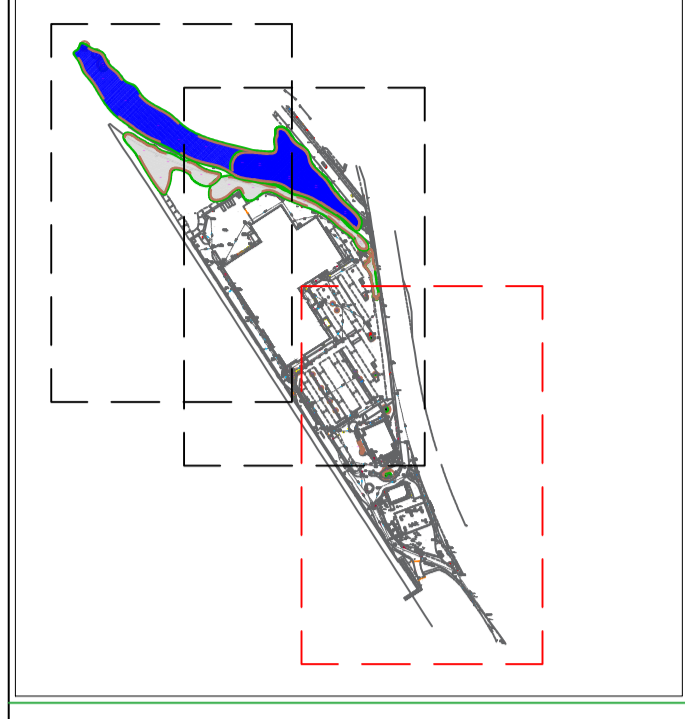
Root Protection Area

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 1, 2 and 3 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.

Drawing Sheet Plan



Rev.	Date:	Notes:
A	23/05/16	Client Details
B	05/07/16	Location of trees 18-21, G2-G4 & W1. Scale changed and drawing now over 3 sheets.

ARBTECH
 Unit 3, Weir House Barns, Chester, CH4 0DH
 www.arbtech.co.uk, email@arbtech.co.uk, 01244 665558

Project:
**Mill Hill
 London
 NW7 2ET**

Client:
Meadow Residential

Drawing:
Tree Constraints Plan Sheet 3 of 3

Based on:
G 8306 / 1-5 Rev 0

Drawing No: **Arbtech TCP 01** Rev: **B**

Date: **Sep 2016** Scale: **1:150 @ A0** Drawn: **JCH**

Key:	1	Tree Categories	Trunks	○
RPAs:	○	Category '1' group	○	Category '2' group
Category '3' trees:	○			

