

### 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 'I' - 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 'II' - Trees of high quality with an estimated remaining life expectancy of at least 40 years.
- Category 'III' - 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.

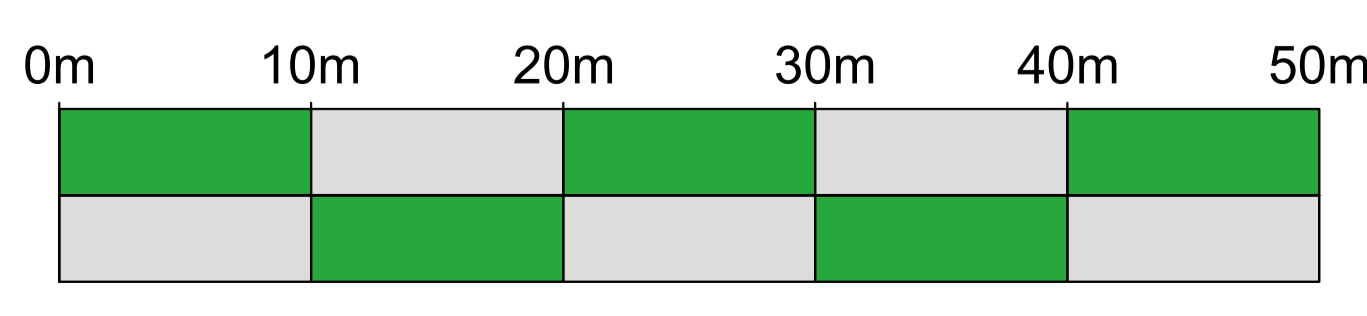
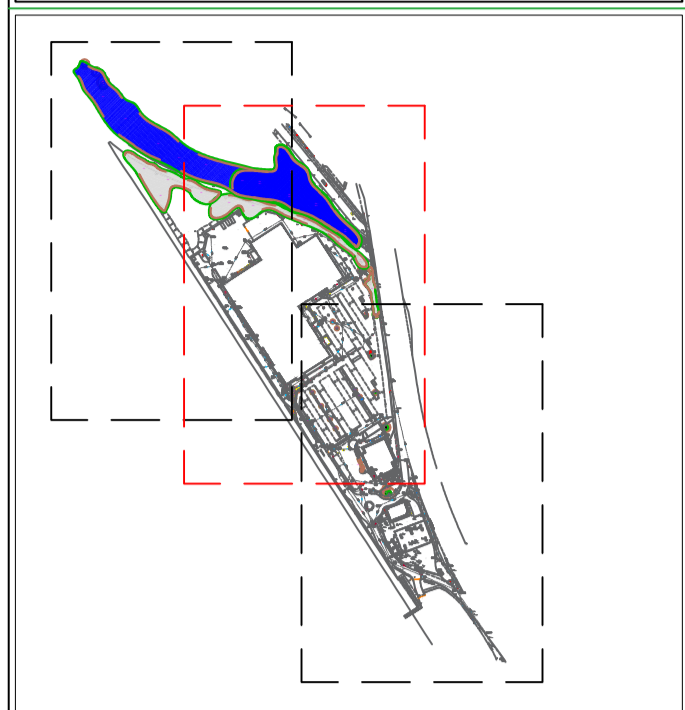
### Root Protection Area

In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Area (RPA) should be placed around each of the category 'II' 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 subject 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.

### 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 2 of 3

Based on:  
 G 8306 / 1-5 Rev 0

Drawing No:  
 Arbtech TCP 01

Date:  
 Sep 2016

Scale:  
 1:150 @ A0

Drawn:  
 JCH

Rev:  
 B

Tree No.	Category	Trunk
1	Tree	Trunk

RPA	Category
Category 'II' group	Category 'C' group

Category 'C' trees

All dimensions should be rounded up to the next 50mm. Dimensions are to be taken from the existing ground level unless otherwise stated. All dimensions are to be taken from the existing ground level unless otherwise stated. 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.