



**How to use this plan**

This plan follows the recommendations of BS5837:2012 and provides sufficient information for designers to interpret the constraints presented by the trees on and around the site. If there are any questions about how to correctly interpret the details shown, then ACD should be contacted on 01483425714 or mail@acdenv.co.uk

This plan is for design use. Before making a planning application, ACD should assess the impact of the layout and draft a full arboricultural impact assessment (AIA)

Designers should seek to retain all A & B category trees, and work within the constraints posed by them, as the LPA will expect their retention. C category trees should not be a material constraint trees and may be removed to facilitate development. However, their retention should be sought where practical, but the scheme need not be designed around them.

**Developable area**

**Root protection area (RPA) for A & B category trees**  
 The minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of the roots and soil structure is treated as a priority. BS5837:2012 advises that default position is that structures & surfaces are located outside this area. However, where there is an overriding justification for construction within the RPA, technical solutions might be available that prevent damage to the tree(s). It is essential that you contact ACD to discuss any proposals within this area before finalizing a design.

**RPA for C category trees**

**Note: Future growth area**  
 Any layout design should only site small non-habitable buildings (garages, cycle stores, etc) within 2 m of tree canopies. In addition to providing space for the tree's growth, this also allows for the working and access space needed for the construction of the buildings. In some instances it may be viable to carry out some pruning but this often raises objections from LPAs and therefore ACD should be consulted on any proposals to prune, or site buildings in this area, before finalising any design.

**Shading**  
 The design should also avoid unreasonable obstruction of light, by siting buildings so that only flank walls and/or non-habitable/aspect rooms are close to retained trees. Gardens should be orientated to provide some shade free areas during the day.

**Tree categories**

- A category tree- high quality**
- B category tree- moderate quality**
- C category tree- low quality**
- U category tree- less than 10 years useful life**

The original of this drawing was produced in colour- a monochrome copy should not be relied upon.



Rev	Date	Details	Drawn



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