

ROOT PROTECTION AREAS (RPAs):
BS5837: 2012 recommends that an area around each retained tree should be protected from disturbance and damage to tree roots by ensuring the prevention of compaction and contamination of the rooting environment.

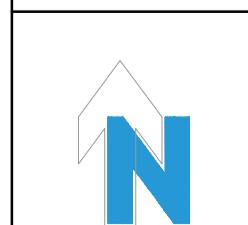
RPAs are calculated for all Category A, B and C grade trees in accordance with the recommendation of the Standard, and are shown as dotted coloured lines according to the tree category.

RPAs are calculated and shown unadjusted as a concentric circle centred on the trunk of each tree, but if there appear to be significant obstructions to root growth both natural and manmade they can be adjusted and where applicable reshaped to illustrate more accurately the likely distribution of roots.

The RPAs are shown unadjusted on this plan.

BS5837:2012 Cascade chart for tree quality assessment

Category & Definition	Criteria (including subcategories where appropriate)	Indication on plan
Trees unsuitable for retention		
Category U		
Those in such condition that they could realistically be retained as living trees in the context of the current land use for longer than 10 years	<ul style="list-style-type: none"> Trees that have a serious, irretrievably structural defect, such that their early loss is expected due to collapse, including those that will become unstable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning). Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline. Trees suppressing adjacent trees of better quality. <p>NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve.</p>	Red on plan RGB 127,0,0
Trees to be considered for retention		
1. Mainly arboricultural qualities. 2. Mainly landscape qualities. 3. Mainly cultural values, including conservation.		
Category A		
Trees of High Quality: Estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal plantings, or have special features (e.g. the dominant and/or largest tree within an area).	Light Green RGB 0,255,0
Category B		
Trees of Moderate Quality: Estimated remaining life expectancy of at least 20 years.	Trees present in numbers, usually groups as groups, such that their loss would be a significant loss to the local environment and/or landscape.	Mid blue RGB 0,0,255
Category C		
Trees of Low Quality: Estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm	Trees present in groups or woodlands, without this conferring on them significantly greater collective landscape value; and/or trees offering very little temporary/transient landscape benefits.	Grey RGB 091,091,091



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P01 29/05/25 D8 Initial issue.
P02 28/08/25 D8 Minor amendments.

rev. rev. date author. rev. note

client. **Option Two Development Ltd**

project.
Land at Court House Farm
Cotthorpe Common Road
Cotthorpe, West Sussex

drawing no. **5096-LLB-XX-XX-D-Ab-0001**

drawing title. **Tree Survey Plan**
Sheet 1 of 2

purpose. **FOR PLANNING**

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