







This drawing has been prepared in accordance with BS 5837:2012.

This drawing is intended to be printed and used in colour only, and for no purpose other than the consideration of trees in accordance with BS 5837.

BS5837:2012 Cascade chart for tree quality assessment

Category & Definition	Criteria (including subcategories where appropriate)	Identification on plan
Trees unsuitable for retention		
Category U	<ul style="list-style-type: none"> Trees that are severely weakened, structural defects exist that they will be expected to collapse, including those that will become unstable after removal of other category U trees (e.g. where, for whatever reason, the loss of a tree cannot realistically be replaced as living trees in the context of the current and use for longer than 10 years. Trees that are dead or are showing signs of significant, immediate, and irreversible aerial decline. Trees whose safety or stability is such that they are a danger to people or property. Trees that are a danger to the health and safety of other trees nearby. 	Red on plan (RGB 127,0,0)
Trees to be considered for retention		
	<ul style="list-style-type: none"> 1. Many arborescences 2. Many landscape qualities 3. Many cultural values, including conservation 	
Category A	<ul style="list-style-type: none"> Trees that are particularly good examples of their species, especially if trees or components of groups or formal or semi-formal plantings (e.g. the dominant or principal trees within an aspect). Trees that are particularly good examples of other species, especially if trees or components of groups or formal or semi-formal plantings (e.g. the dominant or principal trees within an aspect). Trees, groups or woodlands of particular interest or value (e.g. veteran trees or woodlands). Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or woodlands). 	High Green (RGB 0,255,0)
Category B	<ul style="list-style-type: none"> Trees that might be included in category A, but are degraded because of adverse conditions (e.g. presence of significant structural defects, including any structural pest management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years, or trees making the annual quality necessary to merit the category A designation. Trees present in clusters, usually growing as groups or woodlands, such that they merit a higher collective rating than they merit as individuals, or trees occurring in clusters but situated so as to make little visual contribution to the overall quality. Trees with national conservation or other cultural value. 	Medium Green (RGB 0,255,0)
Category C	<ul style="list-style-type: none"> Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm. Unsuitable trees of very limited merit or such impaired condition that they do not qualify in higher categories. Trees present in groups or woodlands, but without this conferring on them a significantly greater collective landscape value, and/or trees offering low or only temporary landscape benefits. Trees with national conservation or other cultural value. 	Low Green (RGB 0,191,0)

KEY

-  Tree Root Protection Area
- Tree Categorisation**
-  Category A
-  Category B
-  Category C
-  Category U
-  Tree Shadow

Rev	Details	Date	Checked By
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Client **Alder Mill**

Project **Mayfield, Sibson**

Title **TSP - Tree Shadow Plan**

Scale	Date	Drawn	Checked	Drawing No.	Rev
1:250	16/12/2025	RJH			A

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