BS5837 Tree Survey Trees & Groups to be Retained

Retained Trees / Groups

Ref	Species	Common Name	Height	Stem Diameter	Crown Clearance	Age Class	Observations	Est. Remaining Contribution	Date Surveyed	BS Cat	RPA Radius	No.
01	Prunus sp. 'Cherry'	Cherry	6m	240mm	2m	Early-Mature	Fair overall physiological and structural condition.	10 Years	28/5/2025	C1	3m	1
02	Sorbus aria	Whitebeam	3m	70mm	1m	Young	Small with limited winter landscape value.	10 Years	28/5/2025	C1	0.9m	1
03	Sorbus aucuparia	Rowan	3m	40mm	1m	Young	weak	0 Years	28/5/2025	U	0.9m	1
04	Tilia sp.	Lime	4m	110mm	1.5m	Semi-Mature	Not plotted on survey base plan- location estimated. Young tree with the potential to develop if retained.	10 Years	28/5/2025	C1	1.2m	1
05	Sorbus aucuparia	Rowan	3m	60mm	1m	Young	weak	0 Years	28/5/2025	U	0.9m	1
06	Sorbus aucuparia	Rowan	4m	100mm	1.5m	Semi-Mature	Small	10 Years	28/5/2025	C1	1.2m	1
07	Sorbus aucuparia	Rowan	4m	100mm	1.5m	Semi-Mature	Small and weak	0 Years	28/5/2025	U	1.2m	1
08	Sorbus aucuparia	Rowan	4m	100mm	1.5m	Semi-Mature	Small and weak	0 Years	28/5/2025	U	1.2m	1
09	Tilia sp.	Lime	5m	170mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
10	Tilia sp.	Lime	5m	170mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
11	Tilia sp.	Lime	5m	170mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
12	Tilia sp.	Lime	5m	170mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
13	Tilia sp.	Lime	5m	170mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
14	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
15	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
16	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
17	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
18	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
19	Liquidambar styraciflua	Sweet gum	7m	130mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	1.5m	1
20	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
21	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
22	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
23	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
24	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
25	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
26	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
27	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
28	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
29	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
30	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
31	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
32	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
33	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
34	Liquidambar styraciflua	Sweet gum	7m	180mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	2.1m	1
35	Acer saccharinum	Silver maple	7m	240mm	3m	Early-Mature	Fair overall physiological and structural condition.	20 Years	28/5/2025	B1	3m	1
36	Acer saccharinum	Silver maple	7m	240mm	3m	Early-Mature	Fair overall physiological and structural condition.	20 Years	28/5/2025	B1	3m	1
37	Sorbus aria	Whitebeam	4m	100mm	1.5m	Semi-Mature	Small with limited winter landscape value.	10 Years	28/5/2025	C1	1.2m	1
38	Acer pseudoplatanus	Sycamore	9m	350Mmm	2m	Early-Mature	Growing in boundary edge. Cultivar with red leaf underside	20 Years	28/5/2025	B1	4.2m	1
39	Acer pseudoplatanus	Sycamore	8m	200Mmm	3m	Early-Mature	A seedling that is becoming established in the boundary hedge.	20 Years	28/5/2025	C1	2.4m	1
40	Fraxinus excelsior	Common ash	9m	200Mmm	3m	Early-Mature	A seedling that is becoming established in the boundary hedge.	10 Years	28/5/2025	C1	2.4m	1
41	Sorbus aucuparia	Rowan	4m	100mm	1m	Semi-Mature	Small and inconsequential	10 Years	28/5/2025	C1	1.2m	1
42	Sorbus aucuparia	Rowan	4m	100mm	1m	Semi-Mature	Small and inconsequential	10 Years	28/5/2025	C1	1.2m	1
43	Sorbus aucuparia	Rowan	4m	100mm	1m	Semi-Mature	Small and inconsequential	10 Years	28/5/2025	C1	1.2m	1
44	Sorbus aucuparia	Rowan	4m	100mm	1m	Semi-Mature	Small and inconsequential	10 Years	28/5/2025	C1	1.2m	1
45	Betula pendula	Silver birch	9m	130mm		Early-Mature	Fair overall physiological and structural condition.	20 Years	28/5/2025	B1	1.5m	1
46	Liquidambar styraciflua	Sweet gum	5m	150mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	1.8m	1
47	Liquidambar styraciflua	Sweet gum	5m	150mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	1.8m	1
48	Liquidambar styraciflua	Sweet gum	5m	150mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	1.8m	1
49	Liquidambar styraciflua	Sweet gum	5m	150mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	1.8m	1
57	Tilia sp.	Lime	7m	150mm		Early-Mature	Fair overall physiological and structural condition.	20 Years	28/5/2025	B1	1.8m	1
58	Betula pendula	Silver birch	7m	170mm	1.5m	Early-Mature	Fair overall physiological and structural condition.	20 Years	28/5/2025	B1	2.1m	1
59	Betula pendula	Silver birch	3.5m	80mm	1.5m	Young	Fair overall physiological and structural condition. Small	10 Years	28/5/2025	C1	0.9m	1
61	Mixed species	Mixed species	6m	300Mmm	0.5m	Semi-Mature	Predominately seedling oaks. Smaller hawthorn and ash are present. Most trees are in poor form due to deadwood. Oak have significant potential for relocation if required	40 Years	28/5/2025	C1		1
62	Sorbus aria	Whitebeam	9m	730mm	1.5m	Mature	Fair condition.	20 Years	29/5/2025	B1	8.7m	1
63	Ilex aquifolium	Common holly	9m	350Mmm	1m	Mature	Somewhat sparse	10 Years	29/5/2025	C1	4.2m	1
64	Chamaecyparis lawsoniana	Lawson cypress	11m	380Mmm	2m	Mature	Pair of trees. Fair condition	20 Years	29/5/2025	C1	4.5m	2
65	Prunus avium	Wild cherry	12m	700Mmm	2m	Mature	Fair condition. Inaccessible. Location estimated	20 Years	29/5/2025	C1	8.4m	1
66	Fagus sylvatica 'Asplenifolia'	Cut-leaf beech	12m	580mm	2m	Mature	Fair condition	40 Years	29/5/2025	B1	6.9m	1
67	Ilex aquifolium	Common holly	8m	370mm	1m	Mature	Small and inconsequential	10 Years	29/5/2025	C1	4.5m	1
68	Juglans regia	Common walnut	8m	230mm	1m	Early-Mature	Fair condition	40 Years	29/5/2025	B1	2.7m	1
69	Quercus rubra	Red oak	25m	1000mm	5m	Mature	Good condition	40 Years	29/5/2025	A1	12m	1
70	Cupressus sp.	Cypress	8m	450Mmm	1.5m	Early-Mature	Small conifer	10 Years	29/5/2025	C1	5.4m	1
71	Acer pseudoplatanus	Sycamore	17m	550mm	3m	Mature	Fair condition	20 Years	29/5/2025	B1	6.6m	1
72	Tilia sp.	Lime	16m	520mm	3m	Mature	Fair condition	20 Years	29/5/2025	B1	6.3m	1
73	Acer saccharinum	Silver maple	16m	460mm	3m	Mature	Fair condition	20 Years	29/5/2025	B1	5.4m	1
74	Robinia pseudoacacia	False acacia	14m	510mm	3m	Mature	Fair condition	20 Years	29/5/2025	B1	6m	1
75	Acer saccharinum	Silver maple	14m	310mm	3m	Mature	Fair condition. Weaker than adjacent trees	20 Years	29/5/2025	C1	3.6m	1
76	Acer saccharinum	Silver maple	10m	720mm	2m	Mature	Fair condition	20 Years	29/5/2025	B1	8.7m	1
77	Cotoneaster sp.	Cotoneaster	4m	300mm	1m	Mature	Small. Fair	10 Years	29/5/2025	C1	3.6m	1
78	Betula pyungi	Birch 'Youngii'	2.5m	200Mmm	1m	Mature	Ivy clad. Small	10 Years	29/5/2025	C1	2.4m	1
79	Not identified	Not identified	11m	500mm	1m	Mature	Fair condition.	20 Years	29/5/2025	B1	6m	1
80	Prunus padus	Bird cherry	10m	350Mmm	3m	Mature	Fair condition. Inaccessible	20 Years	29/5/2025	C1	4.2m	1
81	Acer platanoides	Norway maple	14m	400mm; 400mm	2m	Mature	Fair condition	20 Years	29/5/2025	B1	6.9m	1
82	Acer platanoides	Norway maple	3m	300mm; 300mm	2m	Mature	Topped stem with regrowth	10 Years	29/5/2025	C1	5.1m	1
83	Prunus sp. 'Cherry'	Cherry	11m	480mm	2m	Mature	Fair condition	20 Years	29/5/2025	B1	5.7m	1
84	Prunus sp. 'Cherry'	Cherry	12m	540mm; 400mm	2m	Mature	Fair condition	20 Years	29/5/2025	B1	6.1m	1
85	Prunus sp. 'Cherry'	Cherry	11m	340Mmm	2m	Mature	Fair condition	20 Years	29/5/2025	B1	4.2m	1
86	Prunus sp. 'Cherry'	Cherry	14m	400Mmm	2m	Mature	Fair condition	20 Years	29/5/2025	B1	4.8m	1
87	Prunus sp. 'Cherry'	Cherry	10m	350Mmm	2m	Early-Mature	Weaker than adjacent trees	10 Years	29/5/2025	C1	4.2m	1
88	Prunus sp. 'Cherry'	Cherry	10m	200Mmm	2m	Early-Mature	Weaker than adjacent trees	10 Years	29/5/2025	C1	2.4m	1
89	Acer platanoides	Norway maple	10m	500Mmm	2m	Early-Mature	Weaker than adjacent trees	10 Years	29/5/2025	C1	6m	1
90	Acer platanoides	Norway maple	13m	370Mmm	2m	Mature	Weaker than adjacent trees. Pruning wounds	10 Years	29/5/2025	C1	4.5m	1
91	Betula pendula	Silver birch	7m	209Mmm	1m	Early-Mature	Small tree. Competing/suppressed	10 Years	29/5/2025	C1	2.4m	1
92	Betula pendula	Silver birch	7m	220Mmm	1m	Early-Mature	Small tree. Competing/suppressed	10 Years	29/5/2025	C1	2.4m	1
93	Aesculus x carnea	Red horse chestnut	9m	480mm	1.5m	Mature	Fair condition	20 Years	29/5/2025	B1	5.7m	1
94	Fraxinus excelsior	Common ash	9m	560mm	3m	Mature	Ash dieback	0 Years	29/5/2025	U	6.6m	1
95	Prunus sp. 'Cherry'	Cherry	11m	350mm	2m	Mature	Fair condition. Asymmetric	20 Years	29/5/2025	B1	4.2m	1
96	Prunus sp. 'Cherry'	Cherry	11m	250mm; 300mm; 250mm		Mature	Fair condition	20 Years	29/5/2025	B1	5.7m	1
97	Acer platanoides	Norway maple	11m	350Mmm	2m	Early-Mature	Weaker than adjacent trees	10 Years	29/5/2025	C1	4.2m	1
98	Acer platanoides	Norway maple	11m	350mm	2m	Mature	Fair condition	20 Years	29/5/2025	B1	4.2m	1
99	Acer platanoides	Norway maple	11m	400Mmm	3m	Mature	Weaker than adjacent trees	20 Years	29/5/2025	C1	4.8m	1
100	Larix sp.	Larch	10m	510mm	1m	Mature	Helical stem crack on main stem	10 Years	29/5/2025	C1	6m	1
101	Prunus sp. 'Cherry'	Cherry	9m	500Mmm	2m	Mature	Asymmetric crown	20 Years	29/5/2025	B1	6m	1
102	Prunus sp. 'Cherry'	Cherry	8m	600Mmm	2m	Mature	Asymmetric crown	20 Years	29/5/2025	B1	7.2m	1
103	X Cupressocyparis leylandii	Leyland cypress	16m	400Mmm	1m	Mature	Group. Providing a screen	20 Years	29/5/2025	C1		1
104	Fraxinus excelsior	Common ash	16m	600Mmm	4m	Mature	Decline from ash dieback	0 Years	29/5/2025	U	7.2m	1
105	Quercus robur	Pedunculate oak	15m	660mm	3m	Mature	Asymmetric crown. Fair condition.	20 Years	29/5/2025	B1	7.8m	1
106	Mixed species	Mixed species	10m	200Mmm	1m	Mature	Mixed group. Predominantly ash with some birch and cherry. Most have been topped/copposed. Some regen Ash dieback.	10 Years	29/5/2025	C1		1

Total: 99

Survey by Mark Welby DipArb(RFS), TechCert(ArborA), FArborA
Arboricultural Association Registered Consultant

# denotes estimated dimension. Typically due to the tree being inaccessible.
Where dimensions are not listed please refer to the plan graphics for an indicative representation (typically for groups).

Removed Trees / Groups

Ref	Species	Common Name	Height	Stem Diameter	Crown Clearance	Age Class	Observations	Est. Remaining Contribution	Date Surveyed	BS Cat	No.
50	Liquidambar styraciflua	Sweet gum	5m	150mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	1
51	Liquidambar styraciflua	Sweet gum	5m	150mm	2m	Semi-Mature	Young tree with the potential to develop if retained.	20 Years	28/5/2025	B1	1
52	Carpinus betulus 'Fastigiata'	Hornbeam 'Fastigiata'	10m	720mm	2m	Mature	Fair overall physiological and structural condition.	40 Years	28/5/2025	B1	1
53	Acer campestre	Field maple	3.5m	100mm	2m	Semi-Mature	Fair overall physiological and structural condition.	40 Years	28/5/2025	C1	1
54	Betula pyungi	Birch 'Youngii'	3m	340mm	0.5m	Mature	Fair overall physiological and structural condition.	20 Years	28/5/2025	C1	1
55	Betula pendula	Silver birch	7m	170mm	1.5m	Early-Mature	Fair overall physiological and structural condition.	20 Years	28/5/2025	B1	1
56	Tilia sp.	Lime	7m	150mm		Early-Mature	Fair overall physiological and structural condition.	20 Years	28/5/2025	B1	1
60	Fagus sylvatica	Common beech	2m	70mm		Young	In decline	0 Years	28/5/2025	U	1

Total: 8

BS5837:2012 Cascade chart for tree quality assessment

Category & Definition	Criteria (including subcategories where appropriate)		
Trees unsuitable for retention			
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years	- Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse,including those that will become unviable 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 infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve		
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** with an 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 or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)
Category B **Trees of moderate quality** with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for much longer than 40 years or lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	Trees with material conservation or other cultural value
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 150 mm	Unremarkable 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 significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value

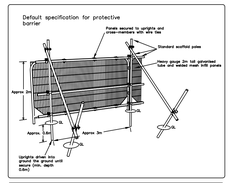
Construction Exclusion Zone

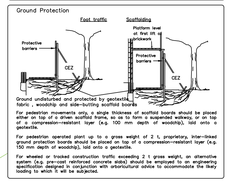
It is the responsibility of everyone engaged in the construction process to respect the tree protection measures and observe the necessary precautions within and adjacent to them.

Inside the exclusion zone, the following shall apply:
- No mechanical excavation whatsoever;
- No excavation by any other means without arboricultural site supervision;
- No hand digging without a written method statement having first been approved by the project arboriculturist;
- No lowering of levels for any purpose (except removal of grass sward using hand tools);
- No storage of plant or materials;
- No storage or handling of any chemical including cement washings;
- No vehicular access;
- No fire lighting.

In addition to the above, further precautions are necessary adjacent to trees:
- No substances injurious to tree health, including fuels, oil, bitumen, cement (including cement washings), builder's sand, concrete mixing and other chemicals shall be stored or used within or directly adjacent to the protection area of retained trees;
- No fire shall be lit such that flames come within 5m of tree foliage.

All weather signs shall be erected at reasonable intervals on the barriers. See example inset







Tree ref/category/species & TPO ref

Root protection area

Crown spread

CEZ extent. To be protected with temporary protective barriers or ground protection to allow construction access. See insets and method statement for details.

Tree to be removed

BS 5837:2012 Tree Quality Categories

- Category A - High quality
- Category B - Moderate quality
- Category C - Low quality
- Category U - Unsuitable for retention

This plan has been drafted in colour. A monochrome version must not be relied upon

NOTES
Where this Survey has been undertaken within the recommendations of British Standards 5837:2012 and the following notes apply unless stated:
- The reference numbers of surveyed trees and groups of trees are shown. Stem locations within groups may be estimated, and indicative of canopy only.
- The trees survey was carried out from ground level using a visual tree assessment methodology following the Visual Tree Assessment (VTA) method.
- Where trees are located on neighbouring land an inspection from access has been made of their quality and dimensions.
- Where stems or branches are obscured by ivy or other vegetation, full assessment of those parts will not be possible.
- Height dimensions are estimated and are given in metres.
- Trunk/stem dimensions are measured in mm at 1.5 metres above ground level, unless otherwise stated. The method of measurement is per Figure C1 of the British Standard as follows.
- Tree canopies are graphically represented on the survey plan. Canopy dimensions are typically measured (or estimated) by pacing in four directions using a laser measure. Symmetrical canopies are represented by circles, and asymmetrical canopies by the remaining directions assumed to be similar. For the canopies of groups of trees, the maximum radius for each direction is typically taken. Where canopies of groups will have further notes taken and an accurate representation will be shown on the plan.

This plan has been drafted in colour. A monochrome version must not be relied upon

Date	Notes	Rev

Tree Protection

Sarum Academy,
Westwood Rd, Salisbury SP2 9HS

Client: Morgan Sindall

Date: 02/12/2025 Scale: 1:250 @A0

Dwg Ref: C042502.TPP

ARBOR-CALL
ARBORICULTURAL CONSULTANCY
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Winchester SO21 3HN.
Email: enquiries@arborcall.co.uk
Telephone: 01962 840 003

0 1 2 3 4 5 10m 15 20 25m

Base plan/site survey reference: 75CC13-FTP-ZZ-ZZ-DR-A-90-0002-P02-Proposed Site Plan _ BFE.dwg