



TREE SURVEY REPORT

Brackley Investments

Site: Bartons Road, Havant



East Lodge, Leylands Business Park
Colden Common, Winchester, SO21 1TH
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The Complete Arboricultural Consultancy

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CBA11305 v1B



The Professional Arboricultural Consultancy

TREE SURVEY NOTES

This Tree Survey has been undertaken within the recommendations of British Standards 5837:2012 and current arboricultural best practice.

- Each tree has been numbered and, where instructed, for future identification on site, has been tagged using small durable metal or plastic tags.
- Due to variations of existing ground levels through the site, height dimensions are estimated and are given in metres. Accurate heights, measured with the aid of optical instruments can be provided where instructed.
- Trunk/stem diameters are measured in mm at 1.5 metres above ground level, using a standard measuring tape as defined by British Standards, unless otherwise stated.
- Estimated branch spread is taken in metres from the centre of the trunk, at the four cardinal points of a compass, to achieve an accurate representation of the crown shape which will be recorded on the tree survey plan.

- An assessment of a tree's age classification is made in terms of its maturity within the site's landscape and defined as:

Y	=	young trees
SM	=	semi-mature trees
EM	=	early mature trees
M	=	mature trees
OM	=	over-mature trees

- An assessment of a tree's physiological condition is defined as:

Good	=	fully functioning biological system showing average vitality i.e. normal bud growth, leaf size, crown density and wound closure
Fair	=	fully functioning biological system showing below average vitality i.e. reduced bud growth, smaller leaf size, lower crown density and reduced wound closure
Poor	=	a biological system with limited functionality showing significantly below average vitality i.e. limited bud growth, small and chlorotic leaves, low crown density and limited wound closure
Dead	=	dead

- An assessment of a tree's structural condition is defined as:

Good	=	no significant structural defects
Fair	=	structural defects which could be alleviated through remedial tree surgery or management practices
Poor	=	structural defects which cannot be alleviated through tree surgery or management practices
Dead	=	dead

- An assessment of a tree's future life expectancy is defined as: **<10, 10+, 20+ or 40+ years.**

Categorisation of Trees

The category for each tree is assessed using the recommendations of BS5837:2012. The assessment has not considered any site-specific development proposals, but will have considered any changes on or off-site which may have an effect on the conditions surrounding the surveyed trees.

The trees have been classified into one of the following categories (and one or more sub-categories [this will however not increase the value of the tree]) and are indicated on the associated drawings by colours as indicated.

Category U				Identification colour on plan
Trees 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			DARK RED
Category A	1 – Mainly arboricultural values	2 – Mainly landscape values	3 – Mainly cultural values	Identification colour on plan
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)	LIGHT GREEN
Category B	1 – Mainly arboricultural values	2 – Mainly landscape values	3 – Mainly cultural values	Identification colour on plan
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 down-graded 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 beyond 40 years; or trees 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 value or other cultural value	MID BLUE
Category C	1 – Mainly arboricultural values	2 – Mainly landscape values	3 – Mainly cultural values	Identification colour on plan
Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	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	GREY

Clients are advised that Tree Surveys are a basic data collection exercise and record of tree condition at the time of survey. This will identify any visible signs of ill-health or major defects, advising a further detailed investigation where appropriate. This will most often take the form of a request for either “*full ground level inspection*” or “*climbing inspection required*”. There may also be a further reference to the need for “*decay detection equipment*” to aid diagnosis. A tree survey does not include a comprehensive schedule or specification of remedial tree works, but may contain a guide to the work which might be undertaken by a prudent tree owner, purely for reasons of health and safety.

A Tree Survey should not be confused with a Tree Inspection or Arboricultural Implication Assessment, which are totally separate exercises.

	TREE SURVEY REPORT (BS5837:2012)																	
	Site:	Bartons Road, Havant																
	Date:	30th July 2020 (revised following tree removals carried out on this date)																
	Consultant:	Stefan Rose <i>BSc (Hons), TechCert (Arbor.A), Tech.Arbor.A</i>																
	Tagged:	No																
Notes:- 1. It may be advised that some trees should have the ivy removed to enable a re-survey to be carried out. This would also alleviate the tree from becoming suppressed; carrying additional weight that increases the chance of windthrow due to a larger dense crown area; and only receiving restricted light. Unless otherwise stated, in order to prevent regrowth, it is only necessary to remove a 300mm section of ivy and clear around the base. 2. It may be advised that it was only possible to estimate the diameter of some trees because of ivy smothering, dense vegetation, or trees located off-site with no access. 3. The estimated remaining contribution in years, and the tree grading category have been calculated for the current situation and may alter where further investigation works are advised. 4. Some trees or groups may have been given an interim grade. The reason for the interim grading is addressed in the timescales given as this may have a bearing on health and safety and/or any development proposals. 5. Tree Groups have been assessed with estimated and representative data. 6. This is not a Tree Works Schedule. Any preliminary management recommendations are listed in the interests of health and safety and should be carried out by a prudent tree owner. 7. Any management recommendations are suggested for reasons of health and safety only, regardless of development proposals at this stage. However, the defects requiring remedial tree surgery are by their very nature potential wildlife habitats, including protected species which needs consideration prior to any tree surgery works commencing.																		
TREE PRESERVATION ORDER: A Tree Preservation Order (reference: TREE PRESERVATION ORDER (2105) 2020 - Helmsley House, Bartons Road, Havant, Hampshire) served and administered by Havant Borough Council protects Trees 4, 9, 15 and 35 (see trees annotated in red below).																		
Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
1	Cherry Laurel <i>Prunus laurocerasus</i>	5	MS>6	220	3.0	3.0	3.0	1.5	0.0	0.0	0.0	0.0	EM	Fair	Fair Multi-stemmed at ground level Low hanging branches Minor deadwood in crown Old pruning wounds on trunk	No works required at time of survey	10+	C1
2	Elm <i>Ulmus spp</i>	11	S	210	3.5	3.0	2.0	5.0	3.0	2.0	1.0	2.5	SM	Fair	Poor Low hanging branches Low crown density	Advise removal	<10	U

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
3	Flowering Cherry <i>Prunus spp</i>	7	S	170	4.0	4.0	4.0	4.0	1.0	1.0	1.0	1.0	SM	Good	Good Developing tree Low hanging branches Minor deadwood in crown Trunk shape distorted at base	No works required at time of survey	20+	B1+2
4 TPO T1	Pedunculate Oak <i>Quercus robur</i>	19	S	580	7.0	7.0	7.0	7.0	2.0	5.0	4.0	4.0	EM	Good	Fair Ivy on trunk and in crown Recent soft landscaping to east side Major deadwood in crown Old pruning wounds on trunk Epicormics on trunk and in crown Bifurcated at 4m above ground level	Sever ivy Remove deadwood if target changes	40+	B1+2
5	Common Elder <i>Sambucus nigra</i>	5	MS<5	240	4.0	3.0	3.0	2.0	1.0	1.0	1.0	1.0	EM	Poor	Poor Multi-stemmed at ground level Dead stems Bark wounds on live stems Poor quality tree	Advise removal	<10	U
6	Turkey Oak <i>Quercus cerris</i>	18	S	550	7.0	6.0	5.0	7.0	1.0	1.0	5.0	1.0	EM	Poor	Fair Bark wound at base on trunk on south west side Low crown density In decline Major deadwood in crown	Advise removal	<10	U
7	Apple <i>Malus spp</i>	9	S	280	6.0	1.0	1.0	5.0	1.0	4.0	4.0	1.0	M	Fair	Poor Trunk and crown shape distorted due to group pressure Major cavity on south side of trunk	Advise removal	<10	U
8	Common Ash <i>Fraxinus excelsior</i>	18	S	550	6.0	6.0	7.0	7.5	4.0	3.0	2.0	2.0	M	Fair	Fair Bifurcated at 3.5m above ground level Old pruning wounds on trunk and in crown Low hanging branches Major deadwood in crown	Remove deadwood if target changes	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
9 TPO T2	Pedunculate Oak <i>Quercus robur</i>	18	S	460	6.0	7.0	8.0	7.0	4.0	4.0	3.0	5.0	EM	Good	Fair Bifurcated at 3.5m above ground level Soft landscaping works recently occurred to east Epicormics on trunk and in crown Major deadwood in crown	Remove deadwood if target changes	20+	B1+2
10	Goat Willow <i>Salix caprea</i>	7	MS>6	350	5.0	4.0	3.5	4.0	0.0	1.0	1.5	1.0	EM	Good	Fair Trifurcated at ground level Multi-stemmed by 1m above ground level Minor deadwood in crown Low hanging branches	No works required at time of survey	10+	C1
11	Common Ash <i>Fraxinus excelsior</i>	19	MS<5	660	10.0	12.0	6.0	7.0	4.0	3.0	2.0	1.0	M	Fair	Fair Two trees growing as one Ivy on trunks and in crowns South trunk heavily distorted North trunk bifurcated at 8m above ground level Major deadwood in crowns	Sever ivy Remove deadwood if target changes	10+	C1+2
12	Common Sycamore <i>Acer pseudoplatanus</i>	8	S	90	3.0	2.0	1.0	3.0	1.0	2.0	2.0	2.0	Y	Good	Fair Natural regeneration Trunk and crown shape distorted due to group pressure Bifurcated at 2m above ground level Of limited value	No works required at time of survey	10+	C1
13	Wild Cherry <i>Prunus avium</i>	9	S	200	4.0	2.0	1.0	2.0	3.0	3.0	3.0	3.0	SM	Fair	Fair Leans and weighted north Ivy on trunk and in crown Of limited value	No works required at time of survey	10+	C1
14	Common Ash <i>Fraxinus excelsior</i>	18	S	430	5.0	5.0	5.0	8.0	4.0	5.0	4.0	4.0	EM	Fair	Poor Bark necrosis on west side of trunk Storm damage in crown Branch tear wound in crown Ivy on trunk and in crown Major deadwood in crown	Sever ivy Remove deadwood if target changes	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
15 TPO T3	Pedunculate Oak <i>Quercus robur</i>	21	S	1060	11.0	11.0	12.0	10.0	5.0	5.0	5.0	5.0	M	Good	Good Recent soft landscaping to east Major deadwood in crown Epicormics in crown	Remove deadwood	20+	B1+2
16	Common Sycamore <i>Acer pseudoplatanus</i>	17	MS<5	420	5.0	4.0	5.0	6.0	2.0	2.0	2.0	2.0	EM	Good	Fair Bifurcated at ground level Ivy on trunk and in crown Basal suckers Epicormics on trunk and in crown Crown shape distorted due to group pressure Minor deadwood in crown	No works required at time of survey	10+	C1
17	Common Ash <i>Fraxinus excelsior</i>	19	S	330	6.0	3.0	4.0	8.0	6.0	6.0	4.0	4.0	EM	Fair	Fair Trunk and crown shape distorted due to group pressure Leans north east Old pruning wounds on trunk Major deadwood in crown	Remove deadwood if target changes	10+	C1+2
18	Common Ash <i>Fraxinus excelsior</i>	20	MS<5	470	6.0	4.0	6.0	7.0	5.0	5.0	5.0	5.0	M	Fair	Fair Bifurcated at 1.3m above ground level Tight forks with included bark Ivy on trunk and in crown Major deadwood in crown Crown shape distorted due to group pressure Weighted west	Remove deadwood if target changes	10+	C1
19	Crack Willow <i>Salix fragilis</i>	9	S	500	6.0	4.0	5.0	6.0	3.0	1.0	3.0	1.0	M	Fair	Poor Major decay and trunk collapsed	Advise removal	<10	U
20	Pedunculate Oak <i>Quercus robur</i>	17	S	310	5.0	4.0	4.5	9.0	8.0	6.0	1.5	1.0	SM	Good	Fair Trunk and crown shape distorted due to group pressure Weighted north west Epicormics on trunk and in crown Minor deadwood in crown	No works required at time of survey	20+	C1+2

Tree No	Species	H't (m)	Single/ Multi- Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio- logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
21	Common Ash <i>Fraxinus excelsior</i>	18	S	330	5.0	5.0	2.0	8.0	4.0	5.0	4.0	4.0	SM	Fair	Fair Trunk and crown shape distorted due to group pressure Ivy on trunk Major deadwood in crown	Remove deadwood if target changes	10+	C1+2
22	Common Ash <i>Fraxinus excelsior</i>	18	S	320	4.0	6.0	4.0	7.0	5.0	5.0	5.0	5.0	EM	Fair	Fair Crown shape distorted due to group pressure Major deadwood in crown Old pruning wounds in crown	Remove deadwood if target changes	10+	C1+2
23	Common Ash <i>Fraxinus excelsior</i>	11	S	200	6.0	1.0	3.0	6.0	2.0	2.0	2.0	2.0	SM	Fair	Fair Trunk and crown shape distorted due to group pressure Heavily weighted north west Of limited value Poor shape and form	No works required at time of survey	10+	C1
24	Common Ash <i>Fraxinus excelsior</i>	13	S	240	5.0	5.0	1.5	1.0	5.0	5.0	5.0	5.0	SM	Fair	Fair Trunk and crown shape distorted due to group pressure Weighted east Major deadwood in crown	Remove deadwood if target changes	10+	C1
25	Pedunculate Oak <i>Quercus robur</i>	15	MS<5	510	6.0	9.0	8.0	3.0	3.0	3.0	1.0	3.0	EM	Good	Fair Bifurcated at ground level Crown shape distorted due to group pressure Weighted east Recent soft landscaping to east Epicormics in crown Major deadwood in crown	Remove deadwood if target changes	20+	C1+2
26	Common Yew <i>Taxus baccata</i>	5	S	210	6.0	4.0	3.0	4.0	1.0	1.0	1.0	1.0	SM	Good	Fair Trunk and crown shape distorted due to group pressure Leans north	No works required at time of survey	40+	B1+2
27	Crack Willow <i>Salix fragilis</i>	7	S	360	-	-	-	-	-	-	-	-	EM	Dead	Dead tree	Advise removal	-	U
28	Crack Willow <i>Salix fragilis</i>	7	S	400	-	-	-	-	-	-	-	-	EM	Dead	Dead tree	Advise removal	-	U

Tree No	Species	H't (m)	Single/ Multi- Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio- logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
29	Crack Willow <i>Salix fragilis</i>	12	S	440	7.0	12.0	5.0	1.0	1.0	1.0	1.0	1.0	EM	Good	Fair Previously wind blown Leans and weighted east Ivy on trunk and in crown Minor deadwood in crown	Sever ivy	10+	C1
30	Common Ash <i>Fraxinus excelsior</i>	18	S	400	5.0	5.0	5.0	4.0	5.0	5.0	5.0	5.0	EM	Fair	Fair Ivy on trunk Crown shape distorted due to group pressure Weighted west Old pruning wounds in crown Major deadwood in crown	Remove deadwood	10+	C1+2
31	Crack Willow <i>Salix fragilis</i>	18	S	530	11.0	8.0	4.0	5.0	2.0	3.0	3.0	4.0	M	Good	Poor Cavity in north side of trunk at 1m above ground level Trunk and crown shape distorted due to group pressure Leans and weighted north Major deadwood in crown Old pruning wounds on trunk	Advise removal	<10	U
32	Common Ash <i>Fraxinus excelsior</i>	16	MS<5	490	3.0	6.0	6.0	6.0	7.0	6.0	6.0	6.0	M	Fair	Fair Bifurcated at ground level Ivy on trunk Crown shape distorted due to group pressure Weighted south Bark wounds in crown Major deadwood in crown	Remove deadwood	10+	C1+2
33	Common Ash <i>Fraxinus excelsior</i>	14	S	490	5.0	6.0	7.0	4.0	4.0	2.0	2.0	2.0	M	Fair	Fair Ivy on trunk and in crown Bifurcated at 3m above ground level Old pruning wounds on trunk and in crown Major deadwood in crown	Sever ivy Remove deadwood	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
34	Wild Cherry <i>Prunus avium</i>	9	MS<5	360	5.0	5.0	3.0	2.0	6.0	6.0	1.0	1.0	EM	Poor	Poor Bifurcated at ground level Trifurcated by 1m above ground level One stem snapped out Major deadwood in crown	Advise removal	<10	U
35 TPO 4	Pedunculate Oak <i>Quercus robur</i>	12	S	390	6.0	6.5	5.0	5.0	3.0	2.5	2.5	3.0	SM	Good	Fair Bifurcated at 2.5m above ground level Old pruning wounds on trunk Epicormics in crown Minor deadwood in crown	No works required at time of survey	40+	B1+2
36	Common Ash <i>Fraxinus excelsior</i>	22	MS<5	700	7.0	10.0	11.5	7.0	4.0	3.0	2.0	5.0	M	Fair	Fair Bifurcated at ground level Crown shape distorted due to group pressure Weighted west Epicormics in crown Minor deadwood in crown	No works required at time of survey	10+	C1+2
37	Pedunculate Oak <i>Quercus robur</i>	12	S	220	5.0	0.0	6.0	6.0	4.0	6.0	3.0	3.0	Y	Fair	Fair Leans and heavily weighted west Crown shape distorted due to group pressure Minor deadwood in crown	No works required at time of survey	20+	C1+2
38	Common Sycamore <i>Acer pseudoplatanus</i>	15	MS>6	900	7.0	8.0	10.0	7.0	1.0	2.0	2.0	1.0	M	Good	Fair Multi-stemmed at ground level Basal suckers Epicormics on trunk and in crown Old pruning wounds in crown Major deadwood in crown Tight forks with included bark	Remove deadwood if target changes	10+	C1+2
39.1	Common Ash <i>Fraxinus excelsior</i>	17	S	270	7.0	7.0	6.0	3.0	2.0	2.0	2.0	3.0	EM	Fair	Fair Two trees growing as one (with 39.2) Crown shape distorted due to group pressure Weighted east Epicormics in crown Major deadwood in crown	Remove deadwood if target changes	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi- Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio- logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
39.2	Common Ash <i>Fraxinus excelsior</i>	-	-	340	-	-	-	-	-	-	-	-	-	-	Fair Two trees growing as one (with 39.1) Crown shape distorted due to group pressure Weighted east Epicormics in crown Major deadwood in crown	Remove deadwood if target changes	10+	C1+2
40	Common Ash <i>Fraxinus excelsior</i>	12	S	180	3.0	4.0	2.5	4.0	4.0	4.0	4.0	4.0	SM	Fair	Fair Trunk shape distorted at base Crown shape distorted due to group pressure	No works required at time of survey	10+	C1
41	Common Ash <i>Fraxinus excelsior</i>	13	S	210	2.5	4.0	3.0	4.0	4.0	4.0	4.0	4.0	SM	Fair	Fair Trunk and crown shape distorted due to group pressure Growing at base of outbuilding	No works required at time of survey	10+	C1
42	Scots Pine <i>Pinus sylvestris</i>	18	S	600	5.0	5.0	4.0	5.0	6.0	6.0	6.0	6.0	M	Good	Good Offsite tree Deadwood and stubs in crown	No works required at time of survey	20+	B1+2
43	Common Ash <i>Fraxinus excelsior</i>	18	S	410	8.0	7.0	8.0	4.0	3.0	3.0	3.0	3.0	EM	Fair	Fair Offsite tree Trunk and crown shape distorted due to group pressure Weighted north east	No works required at time of survey	10+	C1+2
44	Lawson Cypress <i>Chamaecyparis lawsoniana</i>	19	MS<5	430	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	EM	Good	Fair Offsite tree Bifurcated at 1m above ground level Crown shape distorted due to group pressure Minor deadwood in crown	No works required at time of survey	10+	C1+2

Tree No	Species	H't (m)	Single/Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physiological Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
45	Common Ash <i>Fraxinus excelsior</i>	19	MS<5	800	8.0	11.0	14.0	7.0	4.0	4.0	2.0	4.0	M	Fair	Fair Bifurcated at ground level South trunk leans south North trunk trifurcated at 2m above ground level Epicormics on trunk and in crown Old pruning wounds Major deadwood in crown	Remove deadwood	10+	C1+2
46	Common Ash <i>Fraxinus excelsior</i>	17	S	Est 450	6.0	5.0	6.0	6.0	3.0	3.0	3.0	3.0	EM	Fair	Fair Offsite tree Unable to verify health and safety due to no access Major deadwood in crown	Gain access and resurvey	10+	C1+2 Interim
47	Gum <i>Eucalyptus spp</i>	21	MS	Est 1250	8.0	8.0	5.0	8.0	6.0	7.0	7.0	7.0	M	Good	Fair Offsite tree Unable to verify health and safety due to no access Tight forks with included bark at base	Gain access and resurvey	20+	B1+2 Interim
48	Flowering Cherry <i>Prunus spp</i>	6	S	Est 350	4.0	6.0	4.0	4.0	2.0	2.0	2.0	2.0	EM	Good	Fair Offsite tree Unable to verify health and safety due to no access	Gain access and resurvey	20+	B1+2 Interim
Grp 1	Myrobalan Plum	3	S	75	-	-	-	-	-	-	-	-	SM	Fair	Fair Smothered in brambles Low hanging branches	No works required at time of survey	10+	C2
Grp 2	Hawthorn x2 Elder x2	6	S	230	-	-	-	-	-	-	-	-	EM	Fair	Fair Growing beneath crown of T9 Trunks and crown shapes distorted due to group pressure Low hanging branches Minor deadwood in crowns	No works required at time of survey	10+	C2

Tree No	Species	H't (m)	Single/Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physiological Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
Grp 3	Common Hawthorn	6	S	200	-	-	-	-	-	-	-	-	SM	Fair	Fair Dominated by ivy and brambles Trunks and crown shapes distorted due to group pressure Low hanging branches Minor deadwood in crowns Poor quality trees	No works required at time of survey	10+	C2
Grp 4	Common Ash Common Hawthorn Pedunculate Oak Holm Oak	18	S/MS	See below	-	-	-	-	-	-	-	-	SM	Fair	Fair Trunks and crown shapes distorted due to group pressure Some trees tall and etiolated due to group pressure Canker present in some trees Major deadwood in crowns	Sever ivy Remove deadwood	10+	C1+2
G4.1	Common Ash	-	S	250	-	-	-	-	-	-	-	-	SM	Fair	Fair Weighted north	-	10+	C1+2
G4.2	Common Ash	-	S	230	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2
G4.3	Common Ash	-	S	100	-	-	-	-	-	-	-	-	Y	Fair	Fair	-	10+	C1+2
G4.4	Common Ash	-	S	180	-	-	-	-	-	-	-	-	Y	Fair	Fair	-	10+	C1+2
G4.5	Common Ash	-	MS<5	250	-	-	-	-	-	-	-	-	SM	Fair	Fair Basal suckers growing at base	-	10+	C1+2
G4.6	Common Ash	-	S	190	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2
G4.7	Common Ash	-	S	180	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2
G4.8	Common Ash	-	S	320	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2
G4.9	Common Ash	-	MS<5	400	-	-	-	-	-	-	-	-	SM	Fair	Fair Bifurcated at 1m above ground level	-	10+	C1+2
G4.10	Common Ash	-	S	330	-	-	-	-	-	-	-	-	SM	Poor	Poor Ivy on trunk and in crown - unable to verify health and safety	Sever ivy	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
G4.11	Common Ash	-	S	160	-	-	-	-	-	-	-	-	Y	Fair	Fair Canker on trunk	-	10+	C1+2
G4.12	Common Ash	-	S	300	-	-	-	-	-	-	-	-	SM	Fair	Fair Ivy on trunk and in crown - unable to verify health and safety	Sever ivy	10+	C1+2
G4.13	Common Ash	-	S	150	-	-	-	-	-	-	-	-	Y	Fair	Fair Canker on trunk	-	10+	C1+2
G4.14	Holm Oak	-	S	90	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	20+	C1+2
G4.15	Common Ash	-	S	110	-	-	-	-	-	-	-	-	Y	Fair	Poor Cavity at base	Advise removal	<10	U
G4.16	Common Ash	-	S	200	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2
G4.17	Common Ash	-	S	200	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2
G4.18	Pedunculate Oak	-	S	160	-	-	-	-	-	-	-	-	SM	Good	Fair	-	20+	C1+2
G4.19	Common Ash	-	S	120	-	-	-	-	-	-	-	-	Y	Fair	Fair Ivy on trunk and in crown	Sever ivy	10+	C1+2
G4.20	Common Ash	-	MS<5	310	-	-	-	-	-	-	-	-	SM	Fair	Fair One stem dead and snapped out at 3m above ground level	-	10+	C1+2
G4.21	Common Ash	-	S	230	-	-	-	-	-	-	-	-	SM	Fair	Poor Inonotus hispidus and canker on trunk	Advise removal	<10	U
G4.22	Common Hawthorn	-	S	120	-	-	-	-	-	-	-	-	SM	Good	Fair	-	20+	C1+2
G4.23	Common Ash	-	S	220	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2
G4.24	Common Ash	-	S	230	-	-	-	-	-	-	-	-	SM	Fair	Poor Bark wounds on trunk	Advise removal	<10	U
G4.25	Common Ash	-	S	230	-	-	-	-	-	-	-	-	SM	Fair	Fair Basal suckers and Hawthorn growing at base	-	10+	C1+2
G4.26	Common Ash	-	S	330	-	-	-	-	-	-	-	-	SM	Fair	Fair Basal suckers	-	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physiological Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
G4.27	Common Ash	-	S	170	-	-	-	-	-	-	-	-	Y	Fair	Fair Ivy on trunk	Sever ivy	10+	C1+2
G4.28	Common Ash	-	S	270	-	-	-	-	-	-	-	-	SM	Fair	Fair Ivy on trunk Basal suckers form subsidiary stem	Sever ivy	10+	C1+2
G4.29	Common Ash	-	S	350	-	-	-	-	-	-	-	-	SM	Fair	Fair Basal suckers Ivy on trunk - unable to verify health and safety	Sever ivy	10+	C1+2
G4.30	Common Ash	-	S	170	-	-	-	-	-	-	-	-	SM	Fair	Fair Ivy on trunk	-	10+	C1+2
G4.31	Common Hawthorn	-	MS<5	210	-	-	-	-	-	-	-	-	SM	Fair	Fair Bifurcated at ground level Multi-stemmed by 1m above ground level Ivy on trunks	Sever ivy	20+	C1+2
Grp 5	Myrobalan Plum Wild Cherry Common Hawthorn Crack Willow	7	S/MS	See below	-	-	-	-	-	-	-	-	SM	Fair	Fair Sporadic growth Trunks and crown shapes distorted due to group pressure Low hanging branches Minor deadwood in crowns	-	10+	C2
G5.1	Myrobalan Plum	-	S	120	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2
G5.2	Wild Cherry	-	S	190	-	-	-	-	-	-	-	-	SM	Good	Fair	-	20+	C1+2
G5.3	Wild Cherry	-	MS<5	120	-	-	-	-	-	-	-	-	Y	Fair	Fair Bifurcated at ground level Ivy on trunk	-	10+	C1+2
G5.4	Common Hawthorn	-	MS<5	200	-	-	-	-	-	-	-	-	SM	Fair	Fair Multi-stemmed at 1m above ground level Ivy on trunk and in crown	-	10+	C1+2
G5.5	Common Hawthorn	-	S	180	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
G5.6	Common Ash	-	S	130	-	-	-	-	-	-	-	-	Y	Fair	Fair Ivy on trunk	-	10+	C1+2
G5.7	Common Hawthorn	-	S	80	-	-	-	-	-	-	-	-	Y	Fair	Fair Ivy on trunk and in crown	-	10+	C1+2
G5.8	Common Hawthorn	-	MS<5	170	-	-	-	-	-	-	-	-	SM	Fair	Fair Bifurcated at ground level	-	10+	C1+2
G5.9	Common Hawthorn	-	S	80	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2
Grp 6	Goat Willow Leyland Cypress Cherry Laurel Portugal Laurel Scots Pine Lawson Cypress Common Ash Bamboo	8	S/MS	See below	-	-	-	-	-	-	-	-	EM	Good	Fair Offsite group Many trees multi-stemmed at various heights Trunks and crown shapes distorted due to group pressure Low hanging branches Minor deadwood in crowns Old pruning wounds Bark wounds Provides good separation	-	20+	B2
G6.1	Atlas Cedar	-	S	810	-	-	-	-	-	-	-	-	M	Good	Fair	-	20+	B1+2
G6.2	Goat Willow	-	MS>6	600	-	-	-	-	-	-	-	-	M	Good	Fair Multi-stemmed at ground level	-	10+	C1+2
G6.3	Portugal Laurel	-	S	270	-	-	-	-	-	-	-	-	M	Good	Fair	-	10+	C1+2
G6.4	Portugal Laurel	-	S	230	-	-	-	-	-	-	-	-	M	Good	Fair	-	10+	C1+2
G6.5	Lawson Cypress	-	S	440	-	-	-	-	-	-	-	-	EM	Fair	Fair Bifurcated at 2m above ground level Tight forks with included bark Dieback in western trunk	-	10+	C1+2
G6.6	Portugal Laurel	-	S	320	-	-	-	-	-	-	-	-	M	Good	Fair Bifurcated at 1.6m above ground level	-	10+	C1+2
G6.7	Common Ash	-	S	270	-	-	-	-	-	-	-	-	M	Fair	Fair Regrowth from old stump	-	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
G6.8	Common Ash	-	MS	730	-	-	-	-	-	-	-	-	M	Fair	Fair Multi-stemmed at ground level Two stems on west side pulled apart	Advise removal	<10	U
G6.9	Portugal Laurel	-	S	320	-	-	-	-	-	-	-	-	M	Good	Fair	-	10+	C1+2
G6.10	Portugal Laurel	-	S	360	-	-	-	-	-	-	-	-	EM	Fair	Good	-	10+	C1+2
G6.11	Portugal Laurel	-	MS<5	210	-	-	-	-	-	-	-	-	SM	Fair	Fair Multi-stemmed at ground level	-	10+	C1+2
G6.12	Holm Oak	-	S	430	-	-	-	-	-	-	-	-	EM	Good	Fair Heavily weighted south east	-	20+	C1+2
G6.13	Portugal Laurel	-	MS<5	150	-	-	-	-	-	-	-	-	EM	Fair	Fair	-	10+	C1+2
G6.14	Portugal Laurel	-	MS>6	220	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2
G6.15	Portugal Laurel	-	MS<5	230	-	-	-	-	-	-	-	-	EM	Fair	Fair	-	10+	C1+2
G6.16	Portugal Laurel	-	MS>6	490	-	-	-	-	-	-	-	-	M	Good	Fair Multi-stemmed at ground level	-	10+	C1+2
G6.17	Leyland Cypress	-	S	840	-	-	-	-	-	-	-	-	M	Good	Fair Bifurcated at 1.7m above ground level	-	20+	C1+2
Grp 7	Common Ash	18	S/MS	See below	-	-	-	-	-	-	-	-	SM	Fair	Fair Trunks and crown shapes distorted due to group pressure Some trees multi-stemmed at various heights Major deadwood in crowns Old pruning woundson trunks and in crowns Tight forks with included bark	Remove deadwood if target changes	10+	C1+2
G7.1	Common Ash	-	S	240	-	-	-	-	-	-	-	-	SM	Fair	Fair	-	10+	C1+2
G7.2	Common Ash	-	MS>6	640	-	-	-	-	-	-	-	-	EM	Fair	Fair Multi-stemmed at ground level	-	10+	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m)				H't of Crown AGL (m)				Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
G7.3	Common Ash	-	S	300	-	-	-	-	-	-	-	-	SM	Fair	Good	-	10+	C1+2
G7.4	Common Ash	-	S	270	-	-	-	-	-	-	-	-	SM	Fair	Good	-	10+	C1+2
G7.5	Common Ash	-	MS<5	300	-	-	-	-	-	-	-	-	SM	Fair	Fair Trifurcated at ground level	-	10+	C1+2
G7.6	Common Ash	-	S	430	-	-	-	-	-	-	-	-	EM	Fair	Fair Bifurcated at 3m above ground level	-	10+	C1+2
G7.7	Common Ash	-	S	400	-	-	-	-	-	-	-	-	EM	Fair	Fair Bifurcated at 2m above ground level	-	10+	C1+2
G7.8	Common Ash	-	S	360	-	-	-	-	-	-	-	-	EM	Fair	Fair Bifurcated at 2m above ground level	-	10+	C1+2
G7.9	Common Ash	-	S	110	-	-	-	-	-	-	-	-	Y	Fair	Fair	-	10+	C1+2
G7.10	Common Ash	-	S	130	-	-	-	-	-	-	-	-	Y	Fair	Fair Trunk shape distorted	-	10+	C1+2
G7.11	Common Ash	-	S	110	-	-	-	-	-	-	-	-	Y	Fair	Fair Trunk shape distorted	-	10+	C1+2
G7.12	Common Ash	-	S	190	-	-	-	-	-	-	-	-	SM	Fair	Good Ivy on trunk	-	10+	C1+2
H1	Privet	2	S	75	-	-	-	-	-	-	-	-	SM	Good	Fair Offsite Well maintained boundary hedge	No works required at time of survey	10+	C2



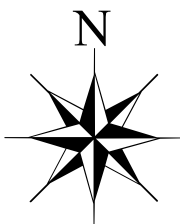
CBA Trees

East Lodge, Leylands Business Park,
Colden Common, Winchester, SO21 1TH
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Web: www.cbatrees.co.uk

CBA11305
Bartons Road, Havant
Tree Survey Plan

SCALE :
1 : 250 @ A1

DATE :
18/08/2020

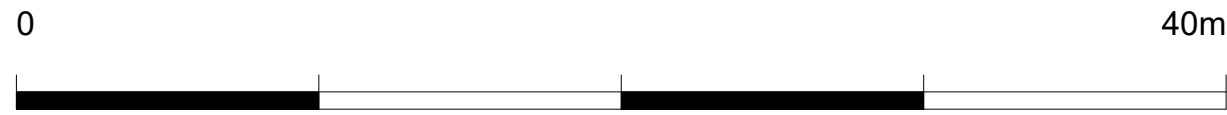
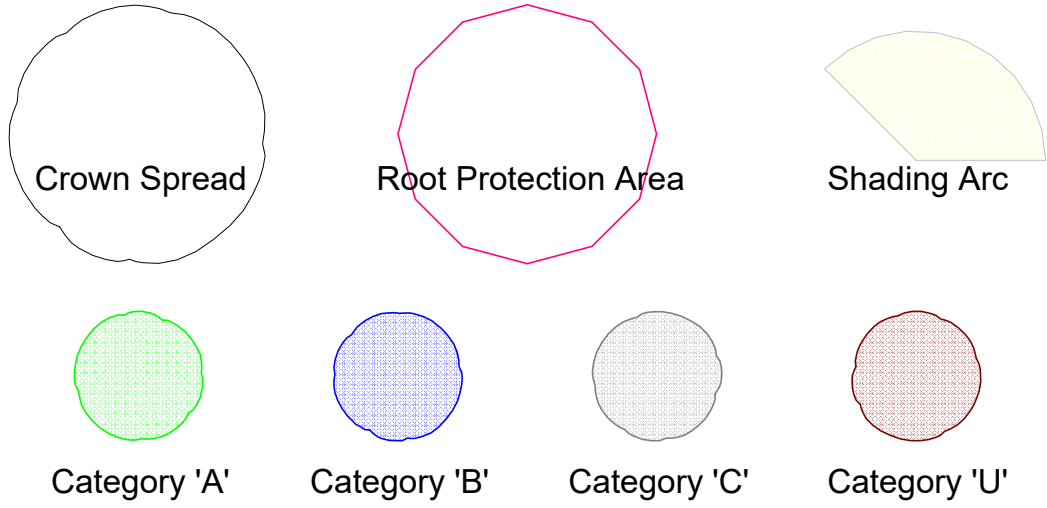


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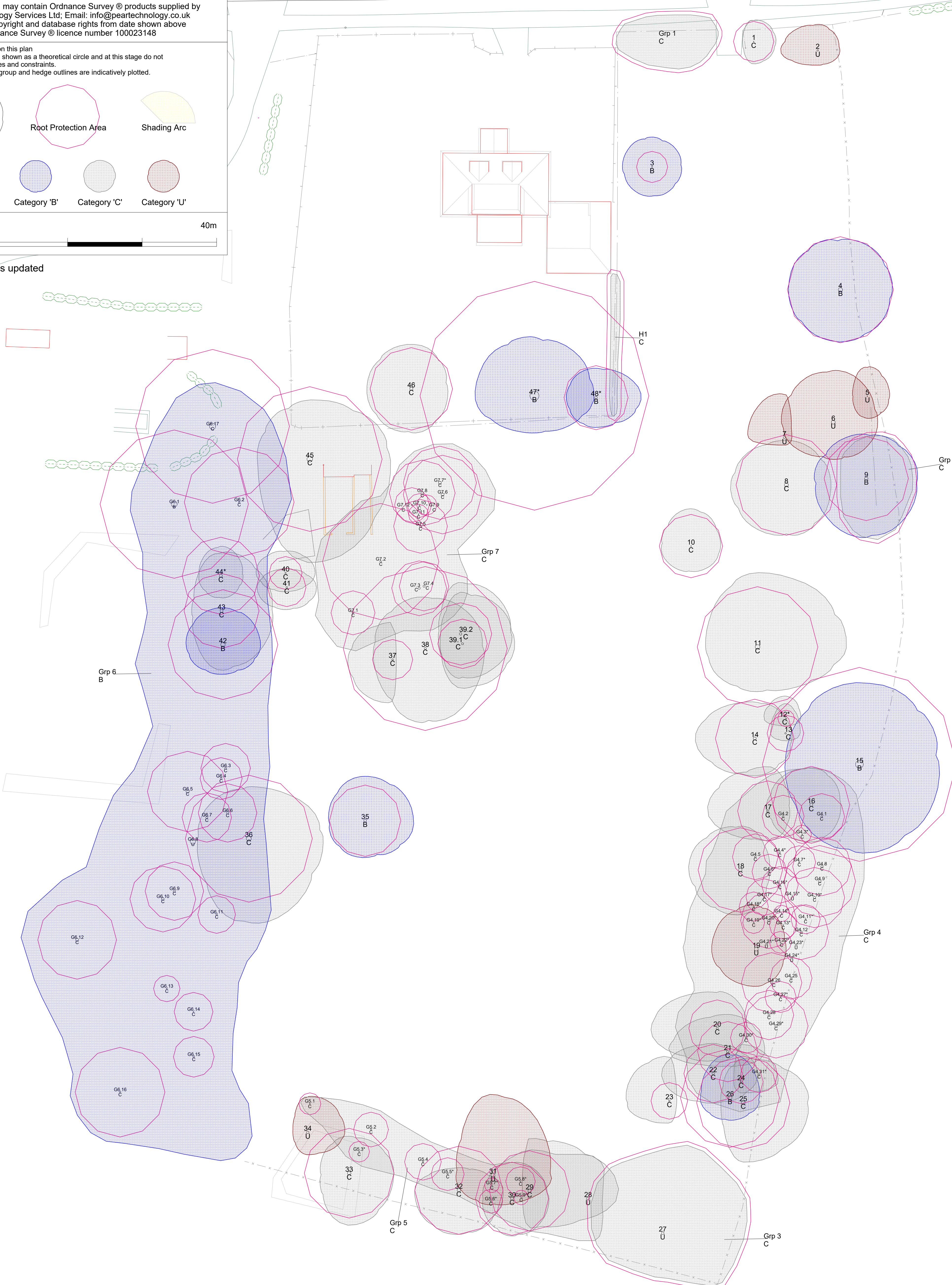
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1. Shading Arcs not shown on this plan
2. Root Protection Areas are shown as a theoretical circle and at this stage do not take into account site features and constraints.
3. Trees marked with * and group and hedge outlines are indicatively plotted.



Rev A - Tree details updated

TREE PRESERVATION ORDER:
A Tree Preservation Order (reference: TREE PRESERVATION ORDER
(2105) 2020 - Helmsley House, Bartons Road, Havant, Hampshire) served and
administered by Havant Borough Council protects Trees 4, 9, 15 and 35.





		BS5837:2012 TREE ROOT PROTECTION AREA SCHEDULE					
		Site:	Bartons Road, Havant				
		Date:	30th July 2020 (revised following tree removals carried out on this date)				
		Consultant:	Stefan Rose BSc (Hons), TechCert (Arbor.A), Tech.Arbor.A				
Notes:							
1. This is an assessment of the Root Protection Area (RPA) required, based on the individual tree data collected and Section 4.6.1 of BS5837:2012.							
2. At this juncture this document is for your sole guidance and ongoing discussions purposes only and is not intended for general circulation, as it assumes that all but the 'U' trees will be retained, which clearly may not be the case.							
3. For all single stem trees with a stem diameter greater than 1250mm, and multi-stem trees with a stem diameter greater than 1500mm, the calculated RPA has been capped at 707m2 in accordance with Section 4.6.1 of BS5837.2012.							
TREE PRESERVATION ORDER:							
A Tree Preservation Order (reference: TREE PRESERVATION ORDER (2105) 2020 - Helmsley House, Bartons Road, Havant, Hampshire) served and administered by Havant Borough Council protects Trees 4, 9, 15 and 35 (see trees annotated in red below).							
Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)	
1	Cherry Laurel Prunus laurocerasus	C1	MS>6	220	2.64	21.90	
2	Elm Ulmus spp	U	S	210	-	-	
3	Flowering Cherry Prunus spp	B1+2	S	170	2.04	13.08	
4 TPO T1	Pedunculate Oak Quercus robur	B1+2	S	580	6.96	152.20	
5	Common Elder Sambucus nigra	U	MS<5	240	-	-	
6	Turkey Oak Quercus cerris	U	S	550	-	-	
7	Apple Malus spp	U	S	280	-	-	
8	Common Ash Fraxinus excelsior	C1+2	S	550	6.60	136.87	

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
9 TPO T2	Pedunculate Oak Quercus robur	B1+2	S	460	5.52	95.74
10	Goat Willow Salix caprea	C1	MS>6	350	4.20	55.42
11	Common Ash Fraxinus excelsior	C1+2	MS<5	660	7.92	197.09
12	Common Sycamore Acer pseudoplatanus	C1	S	90	1.08	3.66
13	Wild Cherry Prunus avium	C1	S	200	2.40	18.10
14	Common Ash Fraxinus excelsior	C1+2	S	430	5.16	83.66
15 TPO T3	Pedunculate Oak Quercus robur	B1+2	S	1060	12.72	508.37
16	Common Sycamore Acer pseudoplatanus	C1	MS<5	420	5.04	79.81
17	Common Ash Fraxinus excelsior	C1+2	S	330	3.96	49.27
18	Common Ash Fraxinus excelsior	C1	MS<5	470	5.64	99.95
19	Crack Willow Salix fragilis	U	S	500	-	-
20	Pedunculate Oak Quercus robur	C1+2	S	310	3.72	43.48
21	Common Ash Fraxinus excelsior	C1+2	S	330	3.96	49.27
22	Common Ash Fraxinus excelsior	C1+2	S	320	3.84	46.33
23	Common Ash Fraxinus excelsior	C1	S	200	2.40	18.10
24	Common Ash Fraxinus excelsior	C1	S	240	2.88	26.06
25	Pedunculate Oak Quercus robur	C1+2	MS<5	510	6.12	117.68

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
26	Common Yew Taxus baccata	B1+2	S	210	2.52	19.95
27	Crack Willow Salix fragilis	U	S	360	-	-
28	Crack Willow Salix fragilis	U	S	400	-	-
29	Crack Willow Salix fragilis	C1	S	440	5.28	87.59
30	Common Ash Fraxinus excelsior	C1+2	S	400	4.80	72.39
31	Crack Willow Salix fragilis	U	S	530	-	-
32	Common Ash Fraxinus excelsior	C1+2	MS<5	490	5.88	108.63
33	Common Ash Fraxinus excelsior	C1+2	S	490	5.88	108.63
34	Wild Cherry Prunus avium	U	MS<5	360	-	-
35 TPO 4	Pedunculate Oak Quercus robur	B1+2	S	390	4.68	68.82
36	Common Ash Fraxinus excelsior	C1+2	MS<5	700	8.40	221.70
37	Pedunculate Oak Quercus robur	C1+2	S	220	2.64	21.90
38	Common Sycamore Acer pseudoplatanus	C1+2	MS>6	900	10.80	366.48
39.1	Common Ash Fraxinus excelsior	C1+2	S	270	3.24	32.98
39.2	Common Ash Fraxinus excelsior	C1+2	S	340	4.08	52.30
40	Common Ash Fraxinus excelsior	C1	S	180	2.16	14.66
41	Common Ash Fraxinus excelsior	C1	S	210	2.52	19.95

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
42	Scots Pine Pinus sylvestris	B1+2	S	600	7.20	162.88
43	Common Ash Fraxinus excelsior	C1+2	S	410	4.92	76.06
44	Lawson Cypress Chamaecyparis lawsoniana	C1+2	MS<5	430	5.16	83.66
45	Common Ash Fraxinus excelsior	C1+2	MS<5	800	9.60	289.57
46	Common Ash Fraxinus excelsior	C1+2 Interim	S	450	5.40	91.62
47	Gum Eucalyptus spp	B1+2 Interim	MS	1250	15.00	706.95
48	Flowering Cherry Prunus spp	B1+2 Interim	S	350	4.20	55.42
Grp 1	Myrobalan Plum	C2	S	75	0.90	2.55
Grp 2	Hawthorn x2 Elder x2	C2	S	230	2.76	23.93
Grp 3	Common Hawthorn	C2	S	200	2.40	18.10
Grp 4	Common Ash Common Hawthorn Pedunculate Oak Holm Oak	C1+2	S/MS	See below	-	-
G4.1	Common Ash	C1+2	S	250	3.00	28.28
G4.2	Common Ash	C1+2	S	230	2.76	23.93
G4.3	Common Ash	C1+2	S	100	1.20	4.52
G4.4	Common Ash	C1+2	S	180	2.16	14.66
G4.5	Common Ash	C1+2	MS<5	250	3.00	28.28
G4.6	Common Ash	C1+2	S	190	2.28	16.33
G4.7	Common Ash	C1+2	S	180	2.16	14.66

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
G4.8	Common Ash	C1+2	S	320	3.84	46.33
G4.9	Common Ash	C1+2	MS<5	400	4.80	72.39
G4.10	Common Ash	C1+2	S	330	3.96	49.27
G4.11	Common Ash	C1+2	S	160	1.92	11.58
G4.12	Common Ash	C1+2	S	300	3.60	40.72
G4.13	Common Ash	C1+2	S	150	1.80	10.18
G4.14	Holm Oak	C1+2	S	90	1.08	3.66
G4.15	Common Ash	U	S	110	-	-
G4.16	Common Ash	C1+2	S	200	2.40	18.10
G4.17	Common Ash	C1+2	S	200	2.40	18.10
G4.18	Pedunculate Oak	C1+2	S	160	1.92	11.58
G4.19	Common Ash	C1+2	S	120	1.44	6.52
G4.20	Common Ash	C1+2	MS<5	310	3.72	43.48
G4.21	Common Ash	U	S	230	-	-
G4.22	Common Hawthorn	C1+2	S	120	1.44	6.52
G4.23	Common Ash	C1+2	S	220	2.64	21.90
G4.24	Common Ash	U	S	230	-	-
G4.25	Common Ash	C1+2	S	230	2.76	23.93
G4.26	Common Ash	C1+2	S	330	3.96	49.27
G4.27	Common Ash	C1+2	S	170	2.04	13.08
G4.28	Common Ash	C1+2	S	270	3.24	32.98

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
G4.29	Common Ash	C1+2	S	350	4.20	55.42
G4.30	Common Ash	C1+2	S	170	2.04	13.08
G4.31	Common Hawthorn	C1+2	MS<5	210	2.52	19.95
Grp 5	Myrobalan Plum Wild Cherry Common Hawthorn Crack Willow	C2	S/MS	See below	-	-
G5.1	Myrobalan Plum	C1+2	S	120	1.44	6.52
G5.2	Wild Cherry	C1+2	S	190	2.28	16.33
G5.3	Wild Cherry	C1+2	MS<5	120	1.44	6.52
G5.4	Common Hawthorn	C1+2	MS<5	200	2.40	18.10
G5.5	Common Hawthorn	C1+2	S	180	2.16	14.66
G5.6	Common Ash	C1+2	S	130	1.56	7.65
G5.7	Common Hawthorn	C1+2	S	80	0.96	2.90
G5.8	Common Hawthorn	C1+2	MS<5	170	2.04	13.08
G5.9	Common Hawthorn	C1+2	S	80	0.96	2.90
Grp 6	Goat Willow Leyland Cypress Cherry Laurel Portugal Laurel Scots Pine Lawson Cypress Common Ash Bamboo	B2	S/MS	See below	-	-
G6.1	Atlas Cedar	B1+2	S	810	9.72	296.85
G6.2	Goat Willow	C1+2	MS>6	600	7.20	162.88
G6.3	Portugal Laurel	C1+2	S	270	3.24	32.98

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
G6.4	Portugal Laurel	C1+2	S	230	2.76	23.93
G6.5	Lawson Cypress	C1+2	S	440	5.28	87.59
G6.6	Portugal Laurel	C1+2	S	320	3.84	46.33
G6.7	Common Ash	C1+2	S	270	3.24	32.98
G6.8	Common Ash	U	MS	730	-	-
G6.9	Portugal Laurel	C1+2	S	320	3.84	46.33
G6.10	Portugal Laurel	C1+2	S	360	4.32	58.64
G6.11	Portugal Laurel	C1+2	MS<5	210	2.52	19.95
G6.12	Holm Oak	C1+2	S	430	5.16	83.66
G6.13	Portugal Laurel	C1+2	MS<5	150	1.80	10.18
G6.14	Portugal Laurel	C1+2	MS>6	220	2.64	21.90
G6.15	Portugal Laurel	C1+2	MS<5	230	2.76	23.93
G6.16	Portugal Laurel	C1+2	MS>6	490	5.88	108.63
G6.17	Leyland Cypress	C1+2	S	840	10.08	319.25
Grp 7	Common Ash	C1+2	S/MS	See below	-	-
G7.1	Common Ash	C1+2	S	240	2.88	0.03
G7.2	Common Ash	C1+2	MS>6	640	7.68	185.32
G7.3	Common Ash	C1+2	S	300	3.60	40.72
G7.4	Common Ash	C1+2	S	270	3.24	0.04
G7.5	Common Ash	C1+2	MS<5	300	3.60	40.72
G7.6	Common Ash	C1+2	S	430	5.16	83.66

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
G7.7	Common Ash	C1+2	S	400	4.80	72.39
G7.8	Common Ash	C1+2	S	360	4.32	58.64
G7.9	Common Ash	C1+2	S	110	1.32	5.47
G7.10	Common Ash	C1+2	S	130	1.56	0.02
G7.11	Common Ash	C1+2	S	110	1.32	5.47
G7.12	Common Ash	C1+2	S	190	2.28	0.03
H1	Privet	C2	S	75	0.90	2.55





The Professional Arboricultural Consultancy

Company Profile, Qualifications and Experience



CBA Trees is one of the leading professional arboricultural consultancy practices in the UK, with consultants working from our Hampshire and Essex offices, all of whom possess varying expertise and qualifications.



Stefan Rose *BSc(Hons), TechCert (Arbor A), TechArbor.A* joined CBA Trees in 1998 as a junior surveyor and having gained extensive knowledge and a wealth of experience over the years, has progressed to Principal Consultant. His vast experience in working as a locum for local authorities, assessing new and extant Tree Preservation Orders, as well as working on some of the largest development sites nationwide enables him to provide expert advice and guidance on initial feasibility site assessments to full scale planning applications, working with individual home owners and within multi-disciplinary teams to achieve successful arboricultural outcomes.



Dominic Poston *F.Arbor.A. MICFor, CEnv, Prof Dip (RFS), BSc (Hons), HND* joined CBA Trees in 2015 as a Senior Consultant and brings with him a wealth of knowledge and experience. Having attained a Bachelor of Science Degree in Horticulture, a Higher National Diploma in Landscape Management and the Royal Forestry Society's Professional Diploma in Arboriculture, Dominic is a fellow of the Arboricultural Association and a Chartered Arboriculturist and Chartered Environmentalist. Through local authority experience he has been involved as a supervising officer and advisor to planning teams on many developments near trees. Through private sector experience he has provided arboricultural advice, ranging from feasibility through to implementation on many development projects near trees. He has extensive experience in the management of large tree stocks, implementing the recommendations within BS5837 and acting as an expert witness. He has considerable experience working closely with clients and as part of a multi-disciplinary team.



All of our consultants are trained in the use of 'state of the art' decay detection equipment, and the latest electronic data capture equipment.

Listed below are some of the services we provide:

- Arboricultural Consultancy
- Arboricultural Impact Studies & Method Statements
- Trees in Conservation Areas
- Advice on Veteran Trees and Ancient Woodlands
- Arboricultural/Landscape Design
- Tree Survey Work (street trees, development projects, individual private sites)
- Tree Preservation Order Advice
- Tree Inspections and Hazard Risk Assessments
- Woodland Creation, Maintenance & Management
- Health & Safety issues – Inspections on behalf H&SE
- Arboricultural site and project management

CBA Trees is very proud of its client base that includes the following companies:

Ampfield Parish Council
Barton Willmore Partnership
Bellway Homes Ltd
Berkeley Homes Ltd
Bewley Homes
Bursledon Parish Council
Countryside Properties
Crayfern Homes
Crest Strategic Properties

Croudace
David Wilson Homes
Drew Smith Group
Eastleigh Borough Council
English Heritage Trust
Fairview New Homes plc
Highwood Construction
London Borough of Hackney
MacGregor Smith

Morgan Sindall
National Regional Property Group
NHS Property Services
Portsmouth City Council
Putney High School
Royal Holloway University of London
Ruscombe and Twyford LEP
SLR Consulting Ltd
Southampton City Council

St Osmunds Primary School
Taylor Wimpey
University of Portsmouth
University of Winchester
Wates
Westminster City Council
West Wittering Parish Council
W Stirland Ltd
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For further information visit our website at www.cbatrees.co.uk which provides more detail on our expertise, and of course, our team are always willing to help answer any queries you may have.