CBA Trees

The Complete Professional Arboricultural Consultancy

MEMBER
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REGISTRATION NUMBER 180695

March 2011
CBA7661

Cognita Schools

TREE SURVEY REPORT

Huddersfield Grammar School
Royds Mount
Huddersfield

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TREE SURVEY NOTES

This Tree Survey has been undertaken within the recommendations of British Standards 5837:2005 and current good arboricultural 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, or immediately above the root flare for multi-stemmed trees, 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**
MA	**=**	**middle aged trees**
M	**=**	**mature trees**
OM	**=**	**over-mature trees**
V	**=**	**veteran**

- 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, 20-40 or >40 years.**

Categorisation of Trees

The category for each tree is assessed using the recommendations of BS5837:2005. 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 R	1 – Mainly arboricultural values	2 – Mainly landscape values	3 – Mainly cultural values	Identification colour on plan
Trees in such a condition that any value would be lost within 10 years or should be removed for reasons of sound arboricultural management				**DARK RED**
Category A				
Trees of high quality and value: in such a condition as to make a substantial contribution (40 years or more is recommended)	Trees that are a particularly good example of their species, rare or unusual, essential components of groups or of formal or semi-formal features.	Trees, groups or woodlands providing definite screening of views in and out of the site, or softening effect to the locality, or those of particular visual importance.	Trees, groups or woodlands of significant conservation, historical or other value (e.g. veteran or wood-pasture)	**LIGHT GREEN**

Category B				
Trees of moderate quality and value, capable of making a significant contribution for in excess of 20 years.	Trees which might be included in the A category, but are downgraded due to impaired conditions/remediable defects.	Trees in numbers, that collectively form a distinct landscape feature but are not individually an essential component of a formal or semi-formal feature. These are likely to be trees situated mainly within the site with little visual impact on the surrounding locality.	Trees with clearly identifiable conservation or other cultural benefits.	**MID BLUE**
Category C				
Trees of low quality and value which might remain for a minimum of 10 years or young tress with stems of less than 150mm diameter.	Trees not qualifying in higher categories	Trees in groups or woodlands without having significant landscape value or offering low or temporary screening value	Trees with very limited conservation or other cultural benefits	**GREY**

Clients are advised that Tree Surveys are a basic data collection exercise and record of tree condition at the time of survey. It 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 SCHEDULE

Client:	Cognita Schools	**Site:**	Huddersfield Grammar School, Royds Mount, Huddersfield
Date:	23 and 24 March 2011	**Consultant:**	Stefan Rose *BSc(Hons), Tech Cert (Arbor.A)* Dominic Gane *BSc (Hons), Cert.Arb (RFS), MIEEM, M Arbor A*
Tagged:	No	**Weather:**	Sunny

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 No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
1	Common Sycamore *Acer pseudoplatanus*	12	S	565	3.0	3.0	3.0	3.0	8.0	8.0	8.0	8.0	M	Fair	Poor Minor ivy on trunk Epicormics on trunk and in crown Trunk shape distorted Cavity Pollarded at 10m above ground level	Advise removal	<10	R
2	Common Sycamore *Acer pseudoplatanus*	20	S	655	4.0	7.0	8.0	6.0	3.0	3.0	3.0	3.0	M	Good	Fair Leans to South Ivy on trunk limits survey Trunk shape distorted Old pruning wounds on trunk and in crown occluding Minor deadwood	None required at time of survey	>40	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
3	Common Ash *Fraxinus excelsior*	20	S	535	7.0	5.0	6.0	5.0	3.0	6.0	6.0	3.0	M	Good	Good Minor ivy on trunk Trunk shape distorted Old pruning wound on trunk occluded Major deadwood	Remove major deadwood within 3 months	20-40	B1+2
4	Turkey Oak *Quercus cerris*	22	S	600	9.0	9.0	8.0	Est 9.0	3.0	3.0	3.0	3.0	MA	Good	Good Old pruning wound on trunk occluding Major deadwood Hanging deadwood	Remove major deadwood within 3 months	>40	A1+2
5	Turkey Oak *Quercus cerris*	22	S	745	6.0	12.0	12.0	Est 12.0	4.0	4.0	4.0	4.0	M	Good	Good Old pruning wound on trunk occluded Old pruning wounds in crown Major deadwood Shedding collars on lower most branches to East and North	Remove major deadwood and lower most branches to East and North	>40	A1
6	Common Holly *Ilex aquifolium*	7	S	155	1.0	3.0	1.0	3.0	2.0	2.0	2.0	2.0	MA	Good	Fair Leans to East Old pruning wounds on trunk and in crown occluding Topped at 4m above ground level	None required at time of survey	>40	C1+2
7	Common Holly *Ilex aquifolium*	14	S	345	1.5	3.0	5.0	3.0	4.0	4.0	4.0	4.0	M	Good	Fair Trunk shape distorted Old pruning wounds on trunk with stubs Bifurcated at 4m above ground level with included bark Minor deadwood	None required at time of survey	>40	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
8	Common Ash *Fraxinus excelsior*	18	S	750	11.0	9.0	8.0	13.0	5.0	5.0	5.0	5.0	M	Fair	Fair Major old pruning wounds occluding with cavity Trifurcated at 3m above ground level Old pruning wound in crown occluding Major deadwood Bark damage Poor extension growth	Remove major deadwood	10-20	C1+2
9	Common Holly *Ilex aquifolium*	6	MS	300	5.0	4.0	Est 3.0	3.0	2.0	2.0	2.0	2.0	Y	Good	Fair Trifurcated at ground level Ivy on trunk Old pruning wounds on trunk and in crown Bifurcated at 1.5m above ground level	None required at time of survey	20-40	C1+2
10	Common Beech *Fagus sylvatica*	23	S	705	11.0	9.0	9.0	9.0	3.0	3.0	3.0	3.0	M	Good	Good Leans to North Flutes on stem Storm damage Crossin and rubbing branches Minor deadwood	None required at time of survey	>40	A1+2
11	Lawson Cypress *Chamaecyparis lawsoniana*	8	S	155	1.0	1.0	1.0	1.0	-	-	-	-	Y	Good	Good 3 trees growing as one	None required at time of survey	>40	C1+2
12	Common Sycamore *Acer pseudoplatanus*	11	S	270	3	3.0	3.0	4.0	4.0	4.0	4.0	4.0	Y	Good	Good Broken stub in crown Squirrell damage Trunk shape distorted	None required at time of survey	>40	C1+2
13	Common Beech *Fagus sylvatica*	13	S	300	4.0	6.0	3.0	2.0	4.0	3.5	3.0	4.0	Y	Good	Good Crown shape distorted due to group pressure Leans North-east Epicormics on trunk Minor deadwood in crown	None required at time of survey	20-40	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
14	Silver Birch *Betula pendula*	18	S	270	4.0	5.0	5.0	4.0	4.0	4.0	3.0	4.0	MA	Good	Good Leans North-east Tall and etiolated due to group pressure Crown shape distorted due to group pressure Minor deadwood in crown	None required at time of survey	20-40	B1+2
15	Lawson Cypress *Chamaecyparis lawsoniana*	11	S	295	1.0	1.0	1.0	1.0	3.0	-	-	-	MA	Good	Good Bifurcated at 3m above ground level Crown to North suppressed to 3m Ivy on trunk limits survey	None required at time of survey	20-40	C1+2
16	Common Beech *Fagus sylvatica*	17	S	320	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	MA	Good	Good Growing on bank Old pruning wounds on trunk and in crown with stubs Bifurcated at 8m above ground level Bark wound in crown occluding	None required at time of survey	>40	A1+2
17	Common Sycamore *Acer pseudoplatanus*	18	S	740	6.0	7.0	6.5	5.5	4.0	3.0	2.0	4.0	M	Good	Fair Drive to North Mechanical damage to exposed surface roots Ivy on trunk Previously severed Previously crown reduced Epicormics form crown Old pruning wounds in crown Minor deadwood in crown	Re-pollard within 5 years	10-20	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
18	Horse Chestnut *Aesculus hippocastanum*	14	S	595	4.0	5.0	Est 5.0	5.0	3.0	3.0	2.0	3.0	M	Good	Fair Part of linear group Mechanical damage to exposed surface roots occluding Bark wounds on trunk and in crown occluding Old pruning wound in crown Broken stubs in crown Minor deadwood	None required at time of survey	20-40	B1+2
19	Common Sycamore *Acer pseudoplatanus*	17	S	710	6.5	6.0	6.5	8.0	4.0	3.0	3.0	3.0	M	Good	Good Drive to North Mechanical damage to exposed surface roots Old pruning wounds on trunk Major deadwood in crown Crown mass weighted to South due to previous crown lifting	Remove major deadwood in crown	>40	B1+2
20	Common Holly *Ilex aquifolium*	13	MS	730	6.0	6.0	6.0	1.0	2.0	2.0	2.0	2.0	M	Good	Fair Trifurcated at ground level Necrotic bark at ground level and beween unions occluding Bifurcated at 1m above ground level Old pruning wound on trunk Dieback Minor deadwood	None required at time of survey	20-40	B1+2
21	Common Holly *Ilex aquifolium*	13	MS	550	3.0	4.0	4.0	3.0	2.0	2.0	2.0	2.0	M	Good	Good Trifurcated at ground level Old pruning wound on trunk occluding Bifurcated at 6m above ground level with tight fork	None required at time of survey	>40	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
22	Common Ash *Fraxinus excelsior*	15	S	720	9.0	7.5	7.0	5.5	6.0	4.0	3.0	4.0	M	Good	Fair Bifurcated at 3m above ground level Tight forks with included bark Multi-stemmed at 4m above ground level Previously crown reduced Minor deadwood in crown	None required at time of survey	10-20	C1+2
23	Common Holly *Ilex aquifolium*	13	MS	310	4.0	1.0	4.0	5.0	-	-	-	-	MA	Good	Good Bifurcated at 0.5m above ground level with included bark	None required at time of survey	>40	B1+2
24	Weeping Ash *Fraxinus excelsior'Pendula'*	10	S	480	7.0	9.0	6.0	8.0	2.0	2.0	2.0	2.0	M	Good	Fair Mechanical damage to exposed surface roots occluding Bifurcated at 3m above ground level Old pruning wound on branch Major cavity on branch to West Major adaptive growth on branch to East Bark damage Crossing and rubbing branches Minor deadwood	Inspect cavity with decay detection equipment	20-40	B1+2 Interim

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
25	Weeping Ash *Fraxinus excelsior'Pendula'*	12	S	580	6.0	9.0	8.0	6.0	2.0	2.0	2.0	2.0	M	Good	Fair Mechanical damage to exposed surface roots occluding Major old pruning wound on trunk at 2.5m above ground level occluding Old pruning wounds on trunk and in crown occluding Decaying branch at 4m above ground level to West Split branch at 6m above ground level to West Crossing and rubbing branches Minor deadwood	Reduce split branch at 6m above ground level to West by 2-3m	20-40	B1+2
26	Highclere Holly *Ilex x altaclarensis*	19	MS	820	6.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	M	Good	Fair Bifurcated at ground level Epicormics on trunk Old pruning wounds on trunk Weighted North Low hanging branches Minor deadwood in crown Grows with T27 Minor roots disturbed and damaged on North side due to digging	None required at time of survey	20-40	B1+2
27	Highclere Holly *Ilex x altaclarensis*	19	S	400	6.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	M	Good	Good Grows with T26 and T28 Crown shape distorted due to group pressure Weighted and leans North Low hanging branches	None required at time of survey	10-20	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
28	Highclere Holly *Ilex x altaclarensis*	18	MS	870	8.0	5.0	3.0	2.0	2.0	2.0	2.0	2.0	M	Good	Fair Bifurcated at ground level Grows with T27 Crown shape distorted due to group pressure Low hanging branches West stem bifurcated at 2m above ground level with tight forks with included bark Leans North Old pruning wounds on trunk	None required at time of survey	10-20	C1+2
29	Common Lime *Tilia x europaea*	18	S	875	10.0	10.0	9.0	11.0	2.0	2.0	2.0	2.0	M	Good	Good Mechanical damage to exposed surface roots occluding Minor epicormics on trunk Old pruning wounds in crown with stubs Bark wound in crown occluding Bark compression at crossing limb unions Major deadwood	Remove major deadwood	>40	A1+2
30	Silver Birch *Betula pendula*	19	S	440	5.0	8.0	5.0	2.0	6.0	2.5	3.0	4.0	M	Good	Good Grows under and in canopy of T28 Crown shape distorted due to group pressure Mechanical damage to exposed surface roots Minor deadwood in crown	None required at time of survey	10-20	C1+2
31	Flowering Cherry *Prunus spp*	7	S	130	3.0	2.5	2.0	2.0	1.0	1.0	1.0	1.0	Y	Good	Fair Developing tree Bifurcated at 1.25m above ground level Tight forks with included bark Epicormics on trunk	Remove secondary leader	20-40	C1

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
32	Common Ash *Fraxinus excelsior*	15	MS	385	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	Y	Good	Fair Bifurcated at 1m and again at 1.5m above ground level Minor deadwood Bark wound in crown occluding	None required at time of survey	10-20	C1+2
33	Common Sycamore *Acer pseudoplatanus*	18	S	410	3.0	4.0	8.0	5.0	6.0	4.0	4.0	4.0	MA	Good	Fair Crown shape distorted due to group pressure Weighted South Ivy on trunk Minor deadwood in crown	None required at time of survey	10-20	C1+2
34	Silver Birch *Betula pendula*	13	S	280	1.0	1.0	6.0	4.0	8.0	2.0	1.0	2.0	MA	Good	Fair Trunk and crown shape distorted due to group pressure Leans heavily and weighted South Ivy on trunk Minor deadwood in crown	None required at time of survey	10-20	C1
35	Corsican Pine *Pinus nigra var. Maritima*	15	S	270	1.5	1.5	3.0	2.0	6.0	6.0	6.0	6.0	Y	Good	Fair Trunk and crown shape distorted due to group pressure Minor deadwood in crown	None required at time of survey	10-20	C1+2
36	Common Sycamore *Acer pseudoplatanus*	18	S	595	6.0	6.0	Est 5.0	4.0	4.0	4.0	4.0	4.0	M	Good	Fair Old pruning wound on trunk occluding Leans to East Major deadwood	Remove major deadwood within 3 months	>40	B1+2
37	Birch *Betula spp*	14	S	310	6.0	1.0	Est 6.0	4.0	5.0	5.0	5.0	5.0	MA	Fair	Poor Major decaying cavity at 1.6m above ground level to South bifurcated at 2.5m above ground level Major over extended branches	Advise removal	<10	R

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
38	Common Lime *Tilia x europaea*	17	S	455	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	MA	Good	Good Bleeding lesions on trunk to North Stubs Old pruning wounds in crown Over extended low branches Basal decay Minor deadwood	None required at time of survey	>40	B1+2
39	Corsican Pine *Pinus nigra var. Maritima*	14	S	420	3.0	3.0	5.0	3.0	6.0	6.0	6.0	6.0	MA	Good	Fair Trunk and crown shape distorted due to group pressure Minor deadwood in crown Bifurcated at 8m above ground level	None required at time of survey	10-20	C1+2
40	Common Sycamore *Acer pseudoplatanus*	16	S	295	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	Y	Good	Fair Growing on slope Trunk shape distorted Minor deadwood	None required at time of survey	>40	C1+2
41	Common Ash *Fraxinus excelsior*	17	S	610	3.0	9.0	6.0	0.0	8.0	8.0	8.0	8.0	M	Fair	Poor Cavity at base on North side Leans East Crown shape distorted due to group pressure Weighted East Bifurcated at 6m above ground level Decaying stubs at 3.5m above ground level Apical dieback Major deadwood in crown	Advise removal	<10	R

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
42	Common Ash *Fraxinus excelsior*	16	S	670	6.0	7.0	Est 6.0	5.0	3.0	3.0	3.0	3.0	M	Fair	Fair Leans to East Ivy on trunk limits survey Major wounds on trunk with decay occluding Minor deadwood in crown Old pruning wound in crown occluding	Full ground level inspection with Picus decay detection equipment	10-20	C1+2 Interim
43	Common Sycamore *Acer pseudoplatanus*	12	S	275	1.0	3.0	4.0	2.0	6.0	3.0	3.0	4.0	Y	Good	Fair Ivy on trunk limits survey Growing on slope Adjacent to retaining wall Old pruning wound in crown	None required at time of survey	20-40	C1+2
44	Flowering Cherry *Prunus spp*	10	S	Est 300	0.0	2.0	5.0	2.0	-	2.0	2.0	2.0	MA	Fair	Fair Unable to verify health and safety due to ivy on trunk Leans to South Growing on slope	Sever and remove ivy and re-survey within 3 months	10-20	C1+2
45	Common Sycamore *Acer pseudoplatanus*	18	S	640	5.0	4.0	8.0	8.5	4.0	2.0	3.0	4.0	M	Good	Fair Ivy on trunk Storm damage in crown Low hanging branches Temporary school building with concrete foundations 2m to North-west Bifurcated at 4.5m above ground level	None required at time of survey	10-20	C1+2
46	Common Sycamore *Acer pseudoplatanus*	14	S	465	1.0	7.0	10.0	8.0	6.0	3.0	3.0	3.0	MA	Good	Fair Leans to South Asymmetric crown to South Old pruning wounds on trunk with stubs Minor deadwood	None required at time of survey	>40	B1+2
47	Common Sycamore *Acer pseudoplatanus*	20	S	735	5.0	10.0	Est 12.0	4.0	3.0	3.0	3.0	3.0	M	Good	Good Leans to South-east Trunk shape distorted Old pruning wounds on trunk and in crown with decay and cavities Minor and major deadwood	Remove major deadwood within 3 months	>40	B1

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
48	Common Ash *Fraxinus excelsior*	18	S	510	7.0	6.0	10.0	5.0	3.0	4.0	6.0	4.0	MA	Fair	Fair Old pruning wounds on trunk Epicormics on trunk Canker in crown Minor deadwood in crown	None required at time of survey	10-20	C1+2
49	Common Sycamore *Acer pseudoplatanus*	12	S	490	2.0	3.0	6.0	2.0	-	5.0	2.0	4.0	MA	Good	Fair Unable to verify health and safety due to ivy on trunk Minor deadwood	Sever and remove ivy and re-survey within 6 months	>40	C1+2 Interim
50	Common Lime *Tilia x europaea*	19	S	480	4.0	5.0	4.0	2.0	5.0	5.0	5.0	5.0	MA	Good	Good Unable to verify health and safety due to ivy on trunk Minor deadwood Asymmetric canopy	Sever and remove ivy and re-survey within 6 months	>40	B1+2 Interim
51	Common Holly *Ilex aquifolium*	10	MS	385	4.0	5.0	3.0	4.0	3.0	3.0	3.0	3.0	MA	Good	Fair Bifurcated at 0.5m above ground level with included bark Old pruning wound on trunk occluding Old pruning wound in crown Minor deadwood	None required at time of survey	>40	B1+2
52	Common Holly *Ilex aquifolium*	6	MS	290	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	Y	Fair	Fair Growing on bank Multi-stemmed at ground level Ivy on trunk limits survey Ivy suppressing crown	Sever and remove ivy	20-40	C1+2
53	Common Holly *Ilex aquifolium*	6	MS	220	3.0	2.0	3.0	2.0	2.5	2.5	2.5	2.5	Y	Fair	Fair Growing on bank 4 trees growing as 1 Old pruning wounds on trunk with stubs Dieback and minor deadwood in crown	None required at time of survey	20-40	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
54	Larch *Larix spp*	12	S	465	6.0	6.0	6.0	6.0	3.0	3.0	3.0	3.0	MA	Good	Good Exposed surface roots Old pruning wound on trunk and in crown occluding Trunk shape distorted Growing on bank Minor deadwood	None required at time of survey	20-40	B1
55	Magnolia *Magnolia spp*	5	S	150	2.0	4.5	2.0	2.0	-	-	1.0	1.5	MA	Good	Good Multi-stemmed at 0.25m above ground level Grows against building	None required at time of survey	10-20	C1
56	Common Holly *Ilex aquifolium*	7	MS	300	3.0	3.0	1.0	1.0	3.0	3.0	3.0	3.0	MA	Poor	Poor Bifurcated at ground level Major bark necrosis at base Basal suckers Major dieback in crown Crown resting on structure to East	Advise removal within 6 months	<10	R
57	Common Lime *Tilia x europaea*	12	MS	315	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	Y	Good	Fair Bifurcated at 1.3m above ground level Old pruning wound on trunk occluding Growing on bank	None required at time of survey	20-40	C1+2
58	Highclere Holly *Ilex x altaclarensis*	9	S	190	2.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0	MA	Good	Good Basal suckers Stone retaining wall to West Old pruning wounds on trunk	None required at time of survey	20-40	B1+2
59	Highclere Holly *Ilex x altaclarensis*	12	S	250	4.0	3.0	1.0	1.0	3.0	3.0	2.0	2.0	MA	Good	Fair Basal suckers Large bark wound on North-east side of trunk Leans heavily to North	Advise removal	<10	R

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
60	Common Lime *Tilia x europaea*	20	S	510	7.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	M	Good	Good Basal suckers Old pruning wounds on trunk and in crown Bifurcated at 6m above ground level Major deadwood	Remove major deadwood within 3 months	>40	B1+2
61	Common Lime *Tilia x europaea*	20	S	565	5.0	6.0	9.0	9.0	6.0	6.0	6.0	6.0	M	Good	Good Old pruning wound on trunk with decay Leans to South Bifurcated at 8m above ground level Crown extends over structure Major deadwood	Remove major deadwood within 3 months	>40	B1+2
62	Lawson Cypress *Chamaecyparis lawsoniana*	6	MS	240	1.0	1.5	1.5	1.0	1.0	1.0	1.0	1.0	Y	Good	Fair Bifurcated at 1.25m above ground level with tight forks with included bark Crown shape distorted due to group pressure North-west section is bare	None required at time of survey	10-20	C1
63	Common Holly *Ilex aquifolium*	5	MS	360	1.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	MA	Fair	Fair Bifurcated at ground level Previously topped at 3.5m above ground level Old pruning wounds in crown Epicormics form crown	None required at time of survey	10-20	C1+2
64	Common Sycamore *Acer pseudoplatanus*	18	S	635	5.0	7.0	6.0	4.0	7.0	6.0	8.0	3.0	M	Good	Fair Basal epicormics Leans to South-east Trunk shape distorted Basal decay Old pruning wounds occluded Major deadwood	Remove major deadwood within 3 months	>40	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
65	Common Beech *Fagus sylvatica*	19	S	450	6.0	6.0	4.5	3.5	5.0	5.0	5.0	5.0	M	Fair	Fair Cavity on North-west side of trunk at 0.75m above ground level Decay present Crown shape distorted due to group pressure Epicormics on trunk Bark wounds on trunk Major deadwood in crown	Remove major deadwood in crown	10-20	C1+2
66	Common Lime *Tilia x europaea*	23	S	630	8.0	10.0	9.0	7.0	4.0	4.0	4.0	4.0	M	Good	Good Trifurcated at 8m above ground level Storm damage with stubs Major hanging deadwood	Remove major deadwood within 3 months	>40	A1+2
67	Common Lime *Tilia x europaea*	20	S	600	7.0	6.0	4.0	4.0	3.0	3.0	3.0	3.0	M	Good	Good Old pruning wounds on trunk Epicormics on trunk and in crown Major deadwood in crown Crown shape distorted due to group pressure	Remove major deadwood in crown	20-40	B1+2
68	Common Holly *Ilex aquifolium*	14	MS	580	3.0	3.0	4.0	3.0	4.0	3.0	3.0	4.0	M	Good	Fair Mechanical damage to exposed surface roots Multi-stemmed at ground level 1 trunk removed Old pruning wound on trunk occluding	None required at time of survey	20-40	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
69	Common Beech *Fagus sylvatica*	17	MS	830	9.0	10.0	10.0	4.0	4.0	4.0	4.0	4.0	M	Good	Fair Mechanical damage to exposed surface roots occluding Old pruning wounds on trunk and in crown occluding Multi-stemmed at 1.3m above ground level Crossing and rubbing branches Minor deadwood	None required at time of survey	20-40	B1+2
70	Common Sycamore *Acer pseudoplatanus*	17	S	785	8.0	9.0	9.0	8.0	3.0	3.0	3.0	3.0	M	Fair	Fair Burrs on trunk Basal suckers Old pruning wounds on trunk and in crown occluded Multi-stemmed at 4m above ground level Lapsed pollard major deadwood Minor dieback	Remove major deadwood within 3 months	20-40	B1+2
71	Common Sycamore *Acer pseudoplatanus*	18	S	655	Est 8.0	7.0	8.0	7.0	3.0	3.0	3.0	3.0	M	Good	Fair Growing on slope Basal suckers Old pruning wounds on trunk and in crown occluding Lapsed pollard at 8m above ground level Bark damage Minor deadwood	None required at time of survey	20-40	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
72	Common Beech *Fagus sylvatica*	14	S	230	2.0	2.0	4.0	3.0	3.0	2.0	2.0	3.0	Y	Good	Fair Artificial grass laid over rooting area Bark wounds on trunk Tall and etiolated due to group pressure Trunk and crown shape distorted due to group pressure Minor deadwood in crown	None required at time of survey	10-20	C1+2
73	Common Hornbeam *Carpinus betulus*	15	S	450	6.0	2.5	5.0	7.0	2.0	2.0	2.0	2.0	MA	Good	Fair Artificial grass laid over rooting area Bark wounds on trunk Epicormics on trunk Old pruning wounds on trunk Crown shape distorted due to group pressure Weighted West	None required at time of survey	10-20	C1+2
74	Common Beech *Fagus sylvatica*	14	S	220	1.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	Y	Good	Fair Artificial grass laid over rooting area Large wound on North-east side of trunk at 1m above ground level Tall and etiolated due to group pressure Crown shape distorted due to group pressure Epicormics on trunk Weighted South-west	Advise removal	<10	R
75	Common Holly *Ilex aquifolium*	12	S	280	3.0	6.0	2.0	1.0	1.5	1.5	1.5	2.0	MA	Good	Fair Artificial grass laid over rooting area Bark wounds on trunk Epicormics on trunk Leans heavily and weighted East	None required at time of survey	10-20	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
76	Common Holly *Ilex aquifolium*	12	S	190	4.0	4.0	1.0	0.5	2.0	2.0	2.0	2.0	Y	Good	Fair Artificial grass laid over rooting area Trunk and crown shape distorted due to group pressure Leans and heavily weighted North-east	None required at time of survey	10-20	C1+2
77	Common Holly *Ilex aquifolium*	13	MS	310	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	MA	Good	Fair Trifurcated at ground level Tight forks with included bark Old pruning wounds on trunk Minor deadwood in crown	None required at time of survey	10-20	C1+2
78	Common Sycamore *Acer pseudoplatanus*	15	MS	760	6.5	4.0	3.0	4.0	5.0	4.0	5.0	5.0	Y	Good	Fair Trifurcated at ground level Tight forks with included bark Major deadwood in crown Crown shape distorted due to group pressure	Remove major deadwood	20-40	C1+2
79	Goat Willow *Salix caprea*	15	MS	660	3.0	5.0	7.0	4.0	2.0	3.0	3.0	3.0	M	Fair	Fair Growing on slope Bifurcated at 0.5m above ground level Dieback and major deadwood	Remove major deadwood within 3 months	10-20	C1+2
80	Common Sycamore *Acer pseudoplatanus*	15	S	230	5.0	3.0	0.0	3.0	5.0	6.0	6.0	4.0	Y	Good	Fair Leans and weighted North Old pruning wounds on trunk Minor deadwood in crown	None required at time of survey	10-20	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
81	Common Lime *Tilia x europaea*	21	S	490	6.0	6.0	6.0	3.0	8.0	8.0	8.0	8.0	MA	Good	Good Growing on slope Major branch removed at base Old pruning wound on trunk occluding Bifurcated at 6m above ground level Major deadwood	Remove major deadwood	>40	A1+2
82	Highclere Holly *Ilex x altaclarensis*	12	S	330	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	MA	Good	Fair Old pruning wounds on trunk Epicormics on trunk Large bark wound on South side of trunk Minor deadwood in crown Crown shape distorted due to group pressure	None required at time of survey	10-20	C1+2
83	Variegated Holly *Ilex spp*	10	S	240	4.0	0.5	0.5	3.0	2.0	2.0	2.0	2.0	MA	Good	Fair Trunk and crown shape distorted due to group pressure Leans and weighted North Bark wounds on trunk	None required at time of survey	10-20	C1+2
84	Common Lime *Tilia x europaea*	22	S	555	11.0	5.0	8.0	4.0	4.0	4.0	4.0	7.0	M	Good	Fair Basal suckers Flute on trunk from base to 1.5m above ground level Epicormics on trunk Old pruning wound on trunk occluding Multi-stemmed at 4m above ground level Major deadwood	Remove major deadwood within 3 months	>40	B1+2
85	Highclere Holly *Ilex x altaclarensis*	10	S	220	3.5	3.0	2.5	2.0	2.5	2.5	2.5	2.5	MA	Good	Fair Old pruning wounds on trunk Epicormics on trunk Bark wounds on trunk	None required at time of survey	10-20	C1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
86	Common Sycamore *Acer pseudoplatanus*	20	S	800	9.0	6.0	10.0	7.0	4.0	4.0	4.0	4.0	M	Good	Good Growing on slope Exposed surface roots Root plate lifted Basal suckers Old pruning wound on trunk and in crown occluding and occluded Bifurcated at 2m, 2.5m and 4m above ground level Major deadwood	Remove major deadwood within 3 months	>40	B1+2
87	Lawson Cypress *Chamaecyparis lawsoniana*	14	MS	570	1.5	2.0	1.5	1.5	2.0	2.0	2.0	2.0	MA	Good	Fair Multi-stemmed at ground level Exposed surface roots Adjacent to concrete pond Old pruning wounds on trunk and in crown with stubs Crown suppressed to West	None required at time of survey	20-40	C1
88	Common Beech *Fagus sylvatica*	19	S	410	6.0	5.0	4.0	4.0	2.0	2.5	3.0	3.0	M	Good	Good Trunk shape distorted Epicormics on trunk Minor deadwood in crown	None required at time of survey	>40	B1+2
89	Common Beech *Fagus sylvatica*	19	S	505	Est 9.0	4.0	9.0	Est 9.0	6.0	6.0	6.0	6.0	MA	Good	Good Girdling root Leans to West Suppressed by T90 Old pruning wound on trunk occluded Bark wound in crown occluding Minor deadwood	None required at time of survey	>40	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
90	Common Ash *Fraxinus excelsior*	22	S	735	Est 7.0	6.0	10.0	11.0	6.0	6.0	6.0	6.0	M	Good	Fair Necrotic bark to East at base (white mycelium) Major old pruning wounds on trunk occluded and occluding Cavity at 3m above ground level Pollard at 12m Major over extended branch to West	Full ground level inspection with Picus decay detection equipment of cavity	10-20	C1+2 Interim
91	Horse Chestnut *Aesculus hippocastanum*	8	S	370	2.0	4.0	7.0	5.0	2.0	2.0	2.0	2.0	MA	Good	Fair Large bark wounds on East side of trunk Storm damage in crown North side of canopy reduced Minor deadwood in crown	None required at time of survey	10-20	C1+2
92	Common Sycamore *Acer pseudoplatanus*	17	S	510	6.0	5.0	5.0	4.0	6.0	6.0	6.0	6.0	M	Good	Fair Ivy on trunk Previously pollarded Old pruning wounds occluding with small cavity Old pruning wounds in crown Probable decay present Deadwood in crown	None required at time of survey	10-20	C1+2
93	Common Ash *Fraxinus excelsior*	18	S	550	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	M	Fair	Good Mechanical damage to exposed surface roots Trunk shape distorted Old pruning wound on trunk occluded Bifurcated at 3.5m above ground level Major deadwood Poor extension growth	Remove major deadwood within 3 months	20-40	C1+2

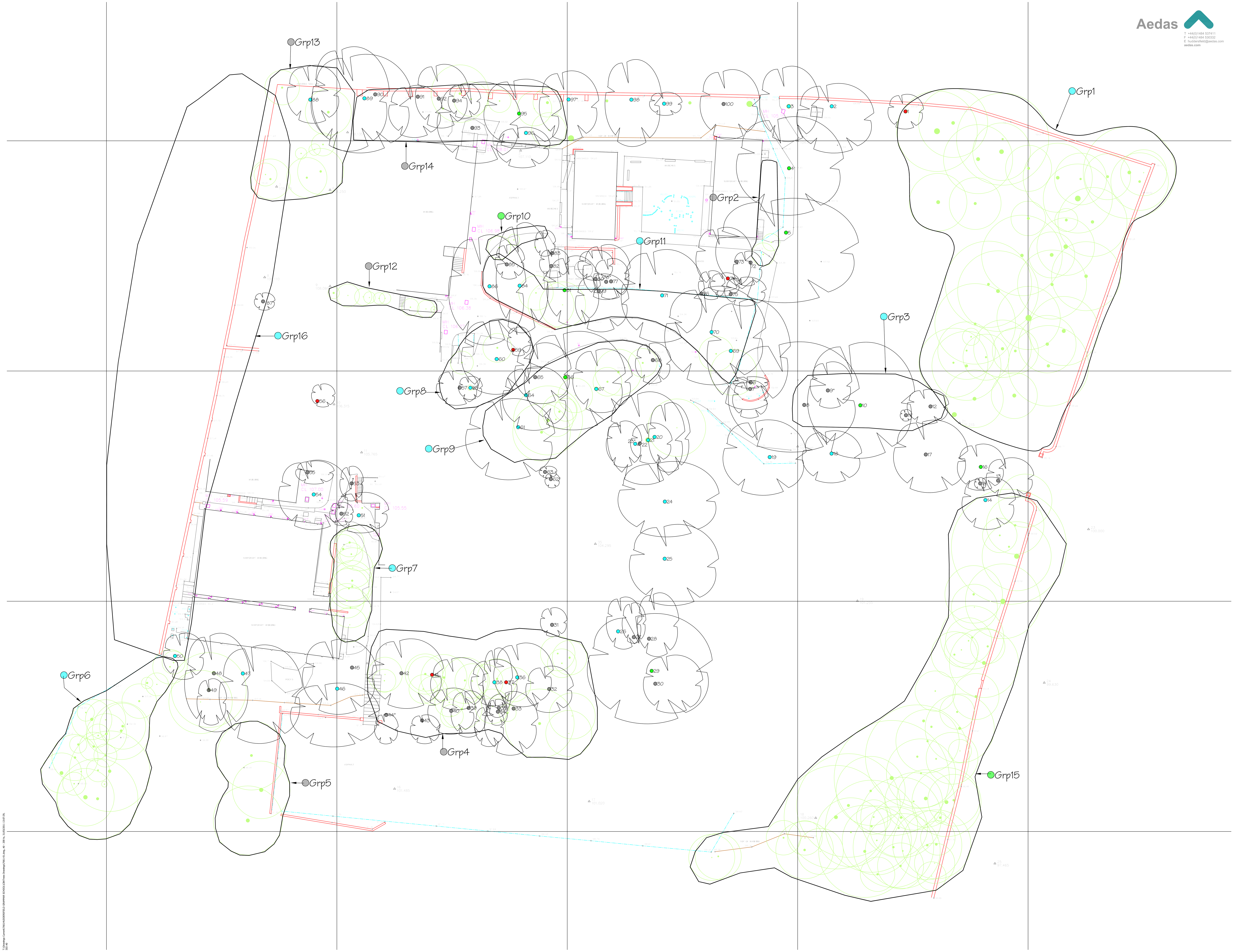
Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
94	Pear *Pyrus spp*	10	S	290	3.0	4.5	3.0	1.0	2.0	2.0	2.0	2.0	M	Fair	Fair Ivy on trunk and smothering crown Unable to verify health and safety due to ivy Leans East	Sever and remove ivy and re-survey within 6 months	10-20	C1+2 Interim
95	Common Beech *Fagus sylvatica*	18	S	485	Est 6.0	7.0	6.0	6.0	3.0	3.0	3.0	3.0	MA	Good	Good Minor wounds on trunk occluding Minor deadwood and bark damage Hanging deadwood Phone line in crown	Remove hanging deadwood within 3 months	>40	A1+2
96	Silver Birch *Betula pendula*	17	S	350	1.0	4.0	6.0	5.0	3.0	3.0	3.0	3.0	MA	Good	Good Exposed surface roots Leans to South Suppressed by T95 Minor deadwood	None required at time of survey	20-40	B1+2
97	Common Sycamore *Acer pseudoplatanus*	20	S	600	Est 5.0	5.0	7.0	5.0	2.5	6.0	6.0	3.0	3.0	3.0	3.0	None required at time of survey	20-40	B1+2
98	Common Sycamore *Acer pseudoplatanus*	21	S	720	7.0	5.0	8.0	4.5	4.0	4.0	6.0	4.0	M	Good	Good Basal suckers Part of linear group Previously pollarded Old pruning wounds in crown Minor deadwood in crown Cavity in main union on East stem	Climbing inspection of cavity within 6 months	20-40	B1+2 Interim
99	Common Hawthorn *Crataegus monogyna*	7	S	230	2.0	3.0	2.0	2.5	2.0	2.0	1.0	2.0	MA	Good	Good Epicormics on trunk Bifurcated at 2m above ground level Minor deadwood in crown	None required at time of survey	20-40	B1+2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
100	Horse Chestnut *Aesculus hippocastanum*	17	S	645	6.0	6.0	6.0	4.0	3.0	3.0	3.0	3.0	M	Good	Fair Epicormics on trunk Old pruning wounds on trunk and in crown Necrotic lifting bark on trunk Pollard at 8m (lapsed) Minor deadwood	None required at time of survey	20-40	C1+2
Grp 1	Common Holly Common Beech Common Sycamore Common Ash Lombardy Poplar Horse Chestnut Common Lime Norway Maple	18	S	730	-	-	-	-	-	-	-	-	MA	Good	Fair Unable to verify health and safety due to dense shrubs and debris on ground Some natural regeneration forming Ivy on some trees Major deadwood in crown	Sever and remove ivy Remove major deadwood over road, car park and drive	20-40	B2
Grp 2	Common Beech	4	S	90	-	-	-	-	-	-	-	-	Y	Fair	Fair Old hedgerow Left to grow due to lack of maintenance Some dead stems Bark wounds on trunk	None required at time of survey	10-20	C2
Grp 3	Rhododendron	3	MS	150	-	-	-	-	-	-	-	-	MA	Good	Good Understorey to trees Provides separation to drive and car park	None required at time of survey	20-40	B2
Grp 4	Common Holly Common Sycamore Rhododendron Privet Variegated Holly	8	MS	250	-	-	-	-	-	-	-	-	MA	Good	Fair Understorey to more mature trees Mostly multi-stemmed at ground level Some Holly have significant wounds	None required at time of survey	10-20	C1+2
Grp 5	Goat Willow x 3 Flowering Cherry x 1 Common Ash x 4	8	MS	340	-	-	-	-	-	-	-	-	MA	Good	Good Natural regeneration growing on bank and against wall Multi-stemmed at ground level Low hanging branches Minor deadwood in crown	None required at time of survey	10-20	C2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
Grp 6	Norway Maple Common Lime Common Beech Common Sycamore Common Elm	15	S	500	-	-	-	-	-	-	-	-	MA	Good	Fair Trunk and crown shape distorted due to group pressure Growing on bank Understorey of Holly Ivy on trunks Minor deadwood in crowns	None required at time of survey	20-40	B2
Grp 7	Common Holly	8	MS	350	-	-	-	-	-	-	-	-	MA	Good	Good Holly growing in raised bed Several self set Sycamore and Ash Mostly multi-stemmed at ground level Low hanging branches Rhododendron forming understorey	Remove self set Sycamore	20-40	B2
Grp 8	Rhododendron Common Holly	5	MS	200	-	-	-	-	-	-	-	-	Y	Good	Good Multi-stemmed at ground level Growing in shrub bed Low hanging branches	None required at time of survey	20-40	B2
Grp 9	Common Holly Rhododendron	8	MS	380	-	-	-	-	-	-	-	-	MA	Good	Good Mostly multi-stemmed at ground level Growing in shrub bed Low hanging branches Old pruning wounds on trunks Minor deadwood in crown	None required at time of survey	20-40	B2
Grp 10	Common Beech	4	S	160	-	-	-	-	-	-	-	-	Y	Good	Fair Short hedge forming group Low hanging branches Topped Bark wounds on trunk Some trees have cavities Several stems left to grow	Reduce height to 3m	10-20	C2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
Grp 11	Common Holly Rhododendron	6	MS	180	-	-	-	-	-	-	-	-	Y	Good	Good Provides separation to classrooms and driveway Multi-stemmed at ground level Provides understorey to more mature trees Low hanging branches Crown shapes distorted due to group pressure Minor deadwood in crowns	None required at time of survey	20-40	B2
Grp 12	Common Holly	3	MS	280	-	-	-	-	-	-	-	-	MA	Good	Fair Linear group growing between buildings in narrow strip Basal suckers	Reduce height to 2.5m	10-20	C2
Grp 13	Privet Common Hawthorn Common Holly Common Elm Common Sycamore	12	S	340	-	-	-	-	-	-	-	-	Y	Good	Good Basal suckers Natural regeneration forming Some growing on bank Growing behind retaining wall Minor deadwood in crowns	None required at time of survey	10-20	C1+2
Grp 14	Rhododendron Common Hawthorn Common Holly	6	MS	150	-	-	-	-	-	-	-	-	Y	Good	Good Multi-stemmed at ground level Understorey to more mature trees Hawthorn planted as small hedge	Reduce Hawthorn in height to 3m above ground level	10-20	C2
Grp 15	Holly Lime Birch Sycamore Cypress spp Understorey of Rhododendron	17	S	530	-	-	-	-	-	-	-	-	Y/ MA	Good	Fair Major deadwood Old pruning wound on trunk and in crown Standing deadwood Mechanical damage to exposed surface roots	Remove major deadwood	>40	A2

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Branch Spread (m) N	E	S	W	H't of Crown AGL (m) N	E	S	W	Age	Physio-logical Condition	Structural Condition and Relevant Comments	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
Grp 16	Common Sycamore Norway Maple Common Ash	19	S	Est 750	-	-	-	-	-	-	-	-	MA	Good	Good Off-site trees Growing behind boundary wall Overhanging site by approximately 7-8m Unable to verify health and safety due to access Old pruning wounds Minor deadwood in crowns	None required at time of survey	>40	B1+2



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This Plan is based Topographical Survey dated 02.03.2011 by Aedas Geomatics.

KEY

BS	BUS STOP
BT	BRITISH TELECOM COVER
CL	COVER LEVEL
COV	COVER
CTV	CABLE TELEVISION COVER
EP	ELECTRICITY POLE
ER	EARTHING ROD
FH	FIRE HYDRANT
FL	FLOOR LEVEL
G	GULLEY
HT	HEIGHT
IL	INVERT LEVEL
LB	LITTER BIN
LP	LAMP POST
MH	MANHOLE
MKR	MARKER
MT	MERCURY TELEPHONE COVER
NB	NOTICE BOARD
PB	PILLAR BOX
PO	POST OFFICE COVER
RE	RODDING EYE
RS	ROAD SIGN
RWP	RAIN WATER PIPE
SC	STOP COCK
SP	SIGN POST
SV	STOP VALVE
TBM	TEMPORARY BENCH MARK
TCB	TELEPHONE CALL BOX
TL	TRAFFIC LIGHTS
TP	TELEGRAPH POLE
VP	VENT PIPE
W	WATER COVER
WM	WATER METER

SURVEY STATION

FENCE LINE

LEVEL DATUM INFORMATION:

ALL LEVELS RELATED TO TBM VALUE 100.00m, SURVEY STATION 23 AS SHOWN.

NOTE
Trees marked * are indicatively plotted only and should be verified by Land Surveyor.

KEY
- category A trees
- category B trees
- category C trees
- category R trees

CLIENT
Cognita Schools

JOB TITLE
Huddersfield Grammar School
Royds Mount
Huddersfield

DRAWING TITLE
Tree Survey Plan

DRAWING No.
CBA 7661.01

SCALE
1:200@A0

DRAWN
lg

DATE
March 2011

REG NO 180695

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checked AP 31 March 2011


CB1

TREE ROOT PROTECTION AREA SCHEDULE

Client:	Cognita Schools	**Site:**	Huddersfield Grammar School, Royds Mount, Huddersfield
Date:	23 and 24 March 2011	**Consultant:**	Stefan Rose *BSc(Hons), Tech Cert (Arbor.A)* Dominic Gane *BSc (Hons), Cert.Arb (RFS), MIEEM,*

Notes:
1. This is an assessment of the Root Protection Area (RPA) required, based on the individual tree data collected and Table 2 of BS5837:2005.
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 'R' trees will be retained, which clearly may not be the case.

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	Common Sycamore	R	S	565	-	-
2	Common Sycamore	B1+2	S	655	7.86	194.11
3	Common Ash	B1+2	S	535	6.42	129.50
4	Turkey Oak	A1+2	S	600	7.20	162.88
5	Turkey Oak	A1	S	745	8.94	251.12
6	Common Holly	C1+2	S	155	1.86	10.87
7	Common Holly	C1+2	S	345	4.14	53.85
8	Common Ash	C1+2	S	750	9.00	254.50
9	Common Holly	C1+2	MS	300	3.00	28.28
10	Common Beech	A1+2	S	705	8.46	224.88
11	Lawson Cypress	C1+2	S	155	1.86	10.87
12	Common Sycamore	C1+2	S	270	3.24	32.98
13	Common Beech	C1+2	S	300	3.60	40.72
14	Silver Birch	B1+2	S	270	3.24	32.98
15	Lawson Cypress	C1+2	S	295	3.54	39.37
16	Common Beech	A1+2	S	320	3.84	46.33
17	Common Sycamore	C1+2	S	740	8.88	247.76
18	Horse Chestnut	B1+2	S	595	7.14	160.18
19	Common Sycamore	B1+2	S	710	8.52	228.08
20	Common Holly	B1+2	MS	730	7.30	167.44
21	Common Holly	B1+2	MS	550	5.50	95.05
22	Common Ash	C1+2	S	720	8.64	234.55
23	Common Holly	B1+2	MS	310	3.10	30.19
24	Weeping Ash	B1+2 Interim	S	480	5.76	104.24
25	Weeping Ash	B1+2	S	580	6.96	152.20
26	Highclere Holly	B1+2	MS	820	8.20	211.27

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
27	Highclere Holly	C1+2	S	400	4.80	72.39
28	Highclere Holly	C1+2	MS	870	8.70	237.82
29	Common Lime	A1+2	S	875	10.50	346.41
30	Silver Birch	C1+2	S	440	5.28	87.59
31	Flowering Cherry	C1	S	130	1.56	7.65
32	Common Ash	C1+2	MS	385	3.85	46.57
33	Common Sycamore	C1+2	S	410	4.92	76.06
34	Silver Birch	C1	S	280	3.36	35.47
35	Corsican Pine	C1+2	S	270	3.24	32.98
36	Common Sycamore	B1+2	S	595	7.14	160.18
37	Birch	R	S	310	-	-
38	Common Lime	B1+2	S	455	5.46	93.67
39	Corsican Pine	C1+2	S	420	5.04	79.81
40	Common Sycamore	C1+2	S	295	3.54	39.37
41	Common Ash	R	S	610	-	-
42	Common Ash	C1+2 Interim	S	670	8.04	203.10
43	Common Sycamore	C1+2	S	275	3.30	34.22
44	Flowering Cherry	C1+2	S	300	3.60	40.72
45	Common Sycamore	C1+2	S	640	7.68	185.32
46	Common Sycamore	B1+2	S	465	5.58	97.83
47	Common Sycamore	B1	S	735	8.82	244.42
48	Common Ash	C1+2	S	510	6.12	117.68
49	Common Sycamore	C1+2 Interim	S	490	5.88	108.63
50	Common Lime	B1+2 Interim	S	480	5.76	104.24
51	Common Holly	B1+2	MS	385	3.85	46.57
52	Common Holly	C1+2	MS	290	2.90	26.42
53	Common Holly	C1+2	MS	220	2.20	15.21
54	Larch	B1	S	465	5.58	97.83
55	Magnolia	C1	S	150	1.80	10.18
56	Common Holly	R	MS	300	-	-
57	Common Lime	C1+2	MS	315	3.15	31.18
58	Highclere Holly	B1+2	S	190	2.28	16.33
59	Highclere Holly	R	S	250	-	-
60	Common Lime	B1+2	S	510	6.12	117.68
61	Common Lime	B1+2	S	565	6.78	144.43
62	Lawson Cypress	C1	MS	240	2.40	18.10
63	Common Holly	C1+2	MS	360	3.60	40.72

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
64	Common Sycamore	B1+2	S	635	7.62	182.44
65	Common Beech	C1+2	S	450	5.40	91.62
66	Common Lime	A1+2	S	630	7.56	179.58
67	Common Lime	B1+2	S	600	7.20	162.88
68	Common Holly	C1+2	MS	580	5.80	105.70
69	Common Beech	B1+2	MS	830	8.30	216.45
70	Common Sycamore	B1+2	S	785	9.42	278.81
71	Common Sycamore	B1+2	S	655	7.86	194.11
72	Common Beech	C1+2	S	230	2.76	23.93
73	Common Hornbeam	C1+2	S	450	5.40	91.62
74	Common Beech	R	S	220	-	-
75	Common Holly	C1+2	S	280	3.36	35.47
76	Common Holly	C1+2	S	190	2.28	16.33
77	Common Holly	C1+2	MS	310	3.10	30.19
78	Common Sycamore	C1+2	MS	760	7.60	181.48
79	Goat Willow	C1+2	MS	660	6.60	136.87
80	Common Sycamore	C1+2	S	230	2.76	23.93
81	Common Lime	A1+2	S	490	5.88	108.63
82	Highclere Holly	C1+2	S	330	3.96	49.27
83	Variegated Holly	C1+2	S	240	2.88	26.06
84	Common Lime	B1+2	S	555	6.66	139.37
85	Highclere Holly	C1+2	S	220	2.64	21.90
86	Common Sycamore	B1+2	S	800	9.60	289.57
87	Lawson Cypress	C1	MS	570	5.70	102.08
88	Common Beech	B1+2	S	410	4.92	76.06
89	Common Beech	B1+2	S	505	6.06	115.39
90	Common Ash	C1+2 Interim	S	735	8.82	244.42
91	Horse Chestnut	C1+2	S	370	4.44	61.94
92	Common Sycamore	C1+2	S	510	6.12	117.68
93	Common Ash	C1+2	S	550	6.60	136.87
94	Pear	C1+2 Interim	S	290	3.48	38.05
95	Common Beech	A1+2	S	485	5.82	106.43
96	Silver Birch	B1+2	S	350	4.20	55.42
97	Common Sycamore	B1+2	S	600	7.20	162.88
98	Common Sycamore	B1+2 Interim	S	720	8.64	234.55
99	Common Hawthorn	B1+2	S	230	2.76	23.93
100	Horse Chestnut	C1+2	S	645	7.74	188.23

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
Grp 1	Common Holly Common Beech Common Sycamore Common Ash Lombardy Poplar Horse Chestnut Common Lime Norway Maple	B2	S	730	8.76	241.11
Grp 2	Common Beech	C2	S	90	1.08	3.66
Grp 3	Rhododendron	B2	MS	150	1.50	7.07
Grp 4	Common Holly Common Sycamore Rhododendron Privet Variegated Holly	C1+2	MS	250	2.50	19.64
Grp 5	Goat Willow x 3 Flowering Cherry x 1 Common Ash x 4	C2	MS	340	3.40	36.32
Grp 6	Norway Maple Common Lime Common Beech Common Sycamore Common Elm	B2	S	500	6.00	113.11
Grp 7	Common Holly	B2	MS	350	3.50	38.49
Grp 8	Rhododendron Common Holly	B2	MS	200	2.00	12.57
Grp 9	Common Holly Rhododendron	B2	MS	380	3.80	45.37
Grp 10	Common Beech	C2	S	160	1.92	11.58
Grp 11	Common Holly Rhododendron	B2	MS	180	1.80	10.18
Grp 12	Common Holly	C2	MS	280	2.80	24.63
Grp 13	Privet Common Hawthorn Common Holly Common Elm Common Sycamore	C1+2	S	340	4.08	52.30
Grp 14	Rhododendron Common Hawthorn Common Holly	C2	MS	150	1.50	7.07

Tree No	Species	Category	Single/ Multi-Stemmed (S or MS)	Stem Diameter (mm)	Initial Linear Root Protection Distance (Radius m)	Root Protection Area (m2)
Grp 15	Holly Lime Birch Sycamore Cypress spp Understorey of Rhododendron	A2	S	530	6.36	127.09
Grp 16	Common Sycamore Norway Maple Common Ash	B1+2	S	750	9.00	254.50


CB2

COMPANY PROFILE, QUALIFICATIONS AND EXPERIENCE

CBA Trees, one of the leading professional arboricultural consultancy practices in the UK is based in Colden Common, Hampshire. There are currently four consultants working from our Hampshire office, all of varying expertise and qualifications, with another consultant working from Monmouth.

The team is headed by **Colin Bashford** *MBE M.Arb., F.Arbor.A, MAE* who, with over 45 years in the profession, is considered to be one of the most eminent professionals in this field and is a Registered Consultant of the Arboricultural Association, a Law Society approved Expert Witness and a member of the Academy of Experts.

Colin has worked on private estates; for Local and Central Government where in the latter he advised up to Ministerial level for government bodies, agencies and departments, as well as acting as the Inspecting Officer on Appeals, or Technical Assessor at Public Local Inquiries.

In 1990, Colin retired from public service and formed a sole practitioner company, this has since blossomed into a thriving Practice which was formally incorporated in 1993.

His expertise leads Colin to act as an expert witness on behalf of well-known household names. A listing of some of the clients of CBA Trees can be found on pages 3 and 4 of this document.

Colin is a past Chairman of the Board of Governors for Merrist Wood College in Guildford, and has served for many years on the Board of Directors of the International Society of Arboriculture and that of ISA Europe Ltd. He is currently a President Elect of the International Society of Arboriculture.

Stefan Rose joined CBA Trees in 1998 as a junior surveyor/arborist, and he has gained experience in almost every field of our work, under guidance and supervision of the senior consultants. Stefan holds the Arboricultural Association Technician's Certificate, and now as a Consultant, he takes instructions from his own expanding client base, as well as assisting our Principal Consultant on prestigious casework.

Stefan continues his studies towards the Professional Diploma in Arboriculture and maintains a supervisory role with our young surveyors and trainees.

Alex Monk has had many years of experience as an independent tree surgeon/surveyor, running his own business in Hampshire. He holds the National Certificate in Arboriculture, and the Arboricultural Association Technician's Certificate.

Alex came to CBA Trees in May 2004 as a trainee surveyor/consultant, soon became a reliable and trusted member of staff, and is now a Consultant with his own extensive client base.

James Fuller joined CBA as a student placement during 2007 and has worked continuously since that time, recently successfully completed his Foundation Degree Studies at Sparsholt College. James became a full-time surveyor/trainee consultant with the Practice during Summer 2009. He undertakes large amenity and Health & Safety audits, British Standard Surveys and provides advice in accord with BS5837:2005 for his growing client base.

Dominic Gane joined CBA in February 2011 as an Arboricultural Consultant having gained many years experience in arboriculture whilst employed as a Tree Officer with North Dorset District Council and Dorset County Council. He holds a BSc(Hons) Arb, and the Cert.Arb (RFS). Whilst early days, we anticipate that Dominic will become a real asset to CBA and its clients.

Bettina Broadway-Mann works for CBA from her office in Monmouth as a consultant on a part-time basis and as required. Bettina is qualified to Dip.Arb (RFS), and with her extensive experience and knowledge advises on a wide spectrum of arboricultural projects.

All consultants are trained in the use of 'state of the art' decay detection equipment, and other professional tools.

We also offer support to students studying and training in the field of arboriculture, and currently have an arboricultural degree student from Sparsholt College, Winchester.

CBA Trees has its own Graphics Department with the latest 'state of the art' software which, along with the most up to date computer equipment, colour copier and scanning facilities, and two AO colour plotters, enables us to compile expertly produced reports and presentations for our clients. This coupled with the qualifications and experience of our consultancy staff, and the expertise of the office-based personnel, enables CBA Trees to be The Complete Arboricultural Consultancy.

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
- Expert Witness at PLI, and Court Work
- Arboricultural/Landscape Design
- PLI, Expert Witness and Court Work/Litigation
- 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:

Residential Developers

Bryant Homes (Southern) Ltd
Bryant Homes (Weald) Ltd
Wimpey Construction
Alfred McAlpine Limited
McLean Homes (South-West) Ltd
Bovis Homes Limited
Fairview New Homes plc
Beazer Homes plc
Berkeley Homes Ltd
Edward Ware Homes
Bryant Homes (South-West) Ltd
Beechwood Homes Ltd
Taywood Homes Ltd
Heron Homes/Development Ltd
Charles Church Homes
Premier Properties Limited
Persimmon Homes Ltd
Fairclough Homes Ltd
Countryside Properties
David Wilson Developments Ltd

Retail Properties/Parks

CRS Home World Limited
Allied Breweries
John Lewis Partnership
Greene King plc
Tesco Stores Ltd
North Oxfordshire Consortium
J Sainsbury plc
Lidl GmbH UK Ltd

Business Parks

Arlington
Brixton plc
Slough Estates Ltd

Leisure

Haven Europe
BskyB
Brands Hatch Leisure Group Ltd
Royal London Parks
Siblu Holidays
Oasis Projects

Design & Legal

Barton Willmore Partnership
Terra firma Consultancy
Boyer Planning Associates
Acanthus, Lawrence & Wrightson
Cunningham Ellis & Buckle
Penningtons
Tucker Parry Knowles Partnership
Derek Lovejoy Partnership
David Huskisson Associates
Acanthus Ferguson Mann
Masons
RPS Planning, Transport & Environment
Town Planning Consultancy
MacGregor Smith
Lester Aldridge
Denton Hall
Bond Pearce
McKennas

Local Authorities & Government Bodies

Royal Borough of Kensington & Chelsea
Surrey Heath Borough Council
Borough of Bexley
Highways Agency
Department of Transport
Test Valley Borough Council
Rushmoor Borough Council
West Sussex County Council
Interserve Defence Services
Basingstoke Borough Council
Southampton City Council
Aspire Defence
Royal Borough of Kingston
Poole Borough Council
Hampshire County Council
Elmbridge Borough Council
Ministry of Defence

Administration Services

Our professional service to clients, which was recently awarded ISO9001 accreditation, could not be achieved without a committed office based staff, headed up by Anne Phillips, Operations Director. We pride ourselves in having recruited an excellent team which provides a prompt and courteous response to our clients.

In an effort to make this task easier, our administration staff are provided with:

- Internet and email access for all users
- Up to date computer hardware with state of the art word processing packages capable of reading and transferring data by network and email
- Spacious and modern offices
- An extensive library of technical books and information literature
- Modern telephone system and ASDL Broadband for fast delivery of data, unlimited volume.

CBA Trees can be found at Apex House, Apex Centre, Church Lane, Colden Common, Winchester, Hampshire SO21 1TN
(Tel: 01962 715407) (email: info@cbatrees.co.uk)

For further information, visit our web site at www.cbatrees.com which gives more detail of our expertise, and of course, our staff are always willing to help answer any queries you may have.