



TREE SURVEY REPORT

GML (Highgate Road)

Site: 19-37 Highgate Road



Chesil House, Arrow Close,
Boyatt Wood, SO50 4SY
Tel: 023 8098 6229 Email: info@cbatrees.co.uk
www.cbatrees.co.uk
The Complete Arboricultural Consultancy

November 2021
CBA11577 v1



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	<ul style="list-style-type: none"> 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:	19-37 Highgate Road
	Date:	15th November 2021
	Consultant:	Dominic Poston <i>F.Arbor.A, MICFor, CEnv, Prof Dip (RFS), BSc (Hons), HND</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.
8. The data collected and any advice provided within this report is supplied in the interests of sound arboricultural management. Trees are a living dynamic organism that can be affected by external conditions (high winds, storms, snow, heavy rain or drought) and may occasionally fail without warning. It is therefore not possible to state with any certainty that any tree or group of trees is completely safe. The condition of a tree or group of trees can change rapidly as a result of external factors; we would advise that the occupier/ owners inspect the trees at least every 12 months or following periods of extreme weather and where concerns are raised relating to tree health that would be considered beyond the knowledge of a layperson, further arboricultural advice should be sought.

TREE PRESERVATION ORDER / CONSERVATION AREA STATUS:
 CBA Trees has not been instructed to ascertain whether there are legal restrictions pertaining to the trees.

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	Norway Maple <i>Acer platanoides</i>	11	S	290	6.0	6.0	6.0	6.0	2.0	2.0	2.0	2.0	SM	Good	Good Stem trifurcates at 2m above ground level Fine specimen with good long term potential	No works required at time of survey	40+	B1
2	Tree of Heaven <i>Ailanthus altissima</i>	8	MS<5	400	6.0	6.0	6.0	6.0	2.0	2.0	2.0	2.0	M	Good	Fair Located in church grounds Growing close to boundary wall and disrupting tarmac surfacing Invasive species Prominent tree	No works required at time of survey	40+	B1
3	Tree of Heaven <i>Ailanthus altissima</i>	7	S	150	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.0	Y	Good	Good Self-seeded specimen from T2 Growing unsustainably close to, and encroaching upon, building	Fell	20+	C2
4	Himalayan Cotoneaster <i>Cotoneaster frigidus</i>	5	MS<5	230	3.0	3.0	3.0	1.0	2.0	2.0	2.0	2.0	M	Good	Fair Growing in low raised bed Asymetric form due to group pressure Ornamental planting	No works required at time of survey	20+	C2
5	Flowering Cherry <i>Prunus spp</i>	9	S	300	4.0	4.0	4.0	1.5	3.0	3.0	3.0	3.0	SM	Fair	Fair Growing in low raised bed Asymetric form due to group pressure Unable to inspect fully due to dense basal growth Ivy on stem	Clear basal vegetation/ ivy to permit inspection	20+	C2
6	Purple Leaved Plum <i>Prunus cerasifera</i> 'Atropurpurea'	7	S	175	3.0	3.0	3.0	0.5	3.0	3.0	3.0	3.0	SM	Fair	Fair Growing in raised bed Asymetric crown due to group pressure Poor form	No works required at time of survey	20+	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	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
					N	E	S	W	N	E	S	W						
G1	Mixed species	6	MS<5	100	-	-	-	-	-	-	-	-	SM	Fair	Fair Dense group including Maple, Plum, Cherry, Laburnum and Budleija growing in raised bed	No works required at time of survey	20+	C2



CBA Trees

Chesil House, Arrow Close,
Boyatt Wood, SO50 4SY
Tel: 02380 986229
Email: info@cbatrees.co.uk
Web: www.cbatrees.co.uk

CBA11577
19-37 Highgate Road
Tree Survey Plan

SCALE :
1 : 250

@ A3

DATE :
18/11/2021

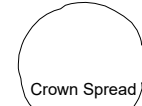


MAP FILENAME :
CBA11577.01 TSP

BASE PLAN:
B7542_TOPO_rev3

Map data shown may contain Ordnance Survey © products supplied by
Pear Technology Services Ltd; Email: info@peartechnology.co.uk
© Crown Copyright and database rights from date shown above
Ordnance Survey © licence number 100023148

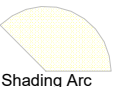
1. Shading Arcs not shown on this plan.
2. Root Protection Areas are shown as a theoretical polygon and at this stage do not take into account site features and constraints.
3. Trees marked with * and group outlines are indicatively plotted.



Crown Spread



Root Protection Area



Shading Arc



Category 'A'



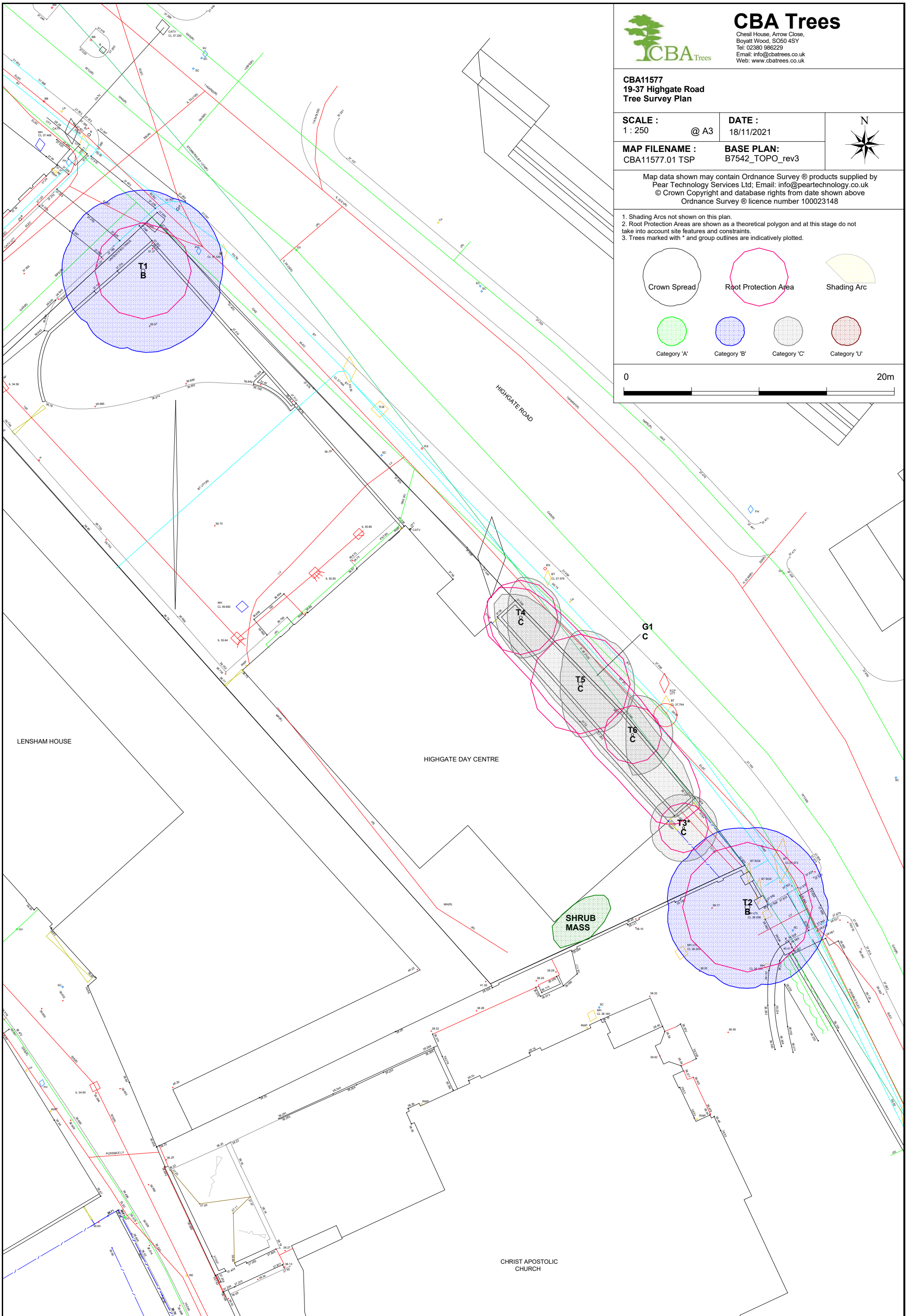
Category 'B'




Category 'C'



Category 'U'





	BS5837:2012 TREE ROOT PROTECTION AREA SCHEDULE					
	Site:	19-37 Highgate Road				
	Date:	15th November 2021				
	Consultant:	Dominic Poston F.Arbor.A, MICFor, CEnv, Prof Dip (RFS), BSc (Hons), HND				
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. 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 / CONSERVATION AREA STATUS: CBA Trees has not been instructed to ascertain whether there are legal restrictions pertaining to the trees.						
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	Norway Maple Acer platanoides	B1	S	290	3.5	38
2	Tree of Heaven Ailanthus altissima	B1	MS<5	400	4.8	72
3	Tree of Heaven Ailanthus altissima	C2	S	150	1.8	10
4	Himalayan Cotoneaster Cotoneaster frigidus	C2	MS<5	230	2.8	24
5	Flowering Cherry Prunus spp	C2	S	300	3.6	41
6	Purple Leaved Plum Prunus cerasifera 'Atropurpurea'	C2	S	175	2.1	14
G1	Mixed species	C2	MS<5	100	1.2	5





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 including the Professional Tree Inspectors Certification (LANTRA), 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
WYG

CBA Trees can be found at:

Chesil House
Arrow Close
Boyatt Wood
Hampshire
SO50 4SY
Tel: 023 8098 6229
Email: info@cbatrees.co.uk

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.