HAZARD SAFETY AUDIT

Bronwyn Curtis

Site: Skylark, Salterns Lane, Bursledon, SO31 3DH

CBA Trees
Russell House, Unit 20, Chalcroft Business Park,
Burnetts Lane, West End, Southampton, SO30 2PA
Tel: 023 8098 6229 www: info@cbatrees.co.uk
The Complete Arboricultural Consultancy

August 2016
CBA10260 v2

HAZARD SURVEY AUDIT NOTES

This Hazard Survey Audit has been undertaken in consideration of current good arboricultural practice with regards to the health and safety of the tree stock on this site.

Inspection Method

This survey is a basic data collection exercise undertaken from ground level only, and records tree condition at the time of survey. This will identify any visible signs of ill-health or major defects, advising further detailed investigation where appropriate. No assessment has been carried out in respect of ingress of roots into underground services or the potential of indirect property damage. Such matters are beyond the scope of this survey.

- Each tree has been numbered and, where instructed, for future identification on site, tagged using small durable metal or plastic tags.

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

Y	**=**	**young trees i.e. newly planted or just established**
SM	**=**	**semi-mature trees, i.e. those that have reached one-third of their anticipated life expectancy**
EM	**=**	**early-mature trees, i.e. those that have reached two-thirds of their anticipated life expectancy**
M	**=**	**mature trees, i.e. those that have entered the final third of their anticipated life expectancy**
OM	**=**	**over-mature trees, as above but showing signs of low vigour and decline**
V	**=**	**veteran, trees that achieved their full life expectancy, are of exceptional size/age and of conservation value**

- The **trees height** is recorded in 5 metre (m) increments: -

<5	**=**	**under 5 metres in height**
5-10	**=**	**between 5 and 10 metres in height**
10-15	**=**	**between 10 and 15 metres in height**
15-20	**=**	**between 15 and 20 metres in height**
>20	**=**	**over 20 metres in height**

- The **trunk diameter** is recorded in 150 millimetre (mm) increments, taken at 1.5 metres above ground level on single stem trees and just above the root flair on multi-stemmed trees:-

<150	**=**	**under 150 millimetres diameter**
150-300	**=**	**between 150 and 300 millimetres diameter**
300-450	**=**	**between 300 and 450 millimetres diameter**
450-600	**=**	**between 450 and 600 millimetres diameter**
>600	**=**	**over 600 millimetres diameter**

- The **crown spread** is recorded in 5 metre (m) increments and is an average overall crown spread taken from drip line to drip line

<5	**=**	**under 5 metres crown spread**
5-10	**=**	**between 5 and 10 metres crown spread**
10-15	**=**	**between 10 and 15 metres crown spread**
15-20	**=**	**between 15 and 20 metres crown spread**
>20	**=**	**over 20 metres crown spread**

- An assessment of a tree's structural and physiological **overall condition** is to be made as:

Good	**=**	**none or limited structural defects and good physiological condition**
Fair	**=**	**remediable structural defects and/or below average physiological condition**
Poor	**=**	**irremediable structural defects and/or poor physiological condition**
Dead	**=**	**moribund, no further useful life**

- It is strongly recommended that tree works should be undertaken within the timescales denoted in the Priorities column, and are recorded as action required:

Imminently dangerous	**=**	**Immediate**
Urgent	**=**	**Within 1 month**
Necessary	**=**	**Within 3 months**
Important	**=**	**Within 6 months**
Routine	**=**	**Within 12 months**

- Where ivy is identified on a tree, to prevent the tree from becoming suppressed, to reduce the risk of wind-throw and to alleviate additional weight, it has been recommended that a 300mm section of the ivy should be severed and removed around the base of the tree, unless otherwise stated.

- At the time of inspection, due to ivy cover, location etc, it may not be possible to verify the health and safety of the trees and it is therefore essential that re-inspections be undertaken within the recommended timescales to reduce the risk of potential hazard.

- Comments have been provided only where considered appropriate or necessary to provide additional information.

- Any tree groups have been assessed using estimated and representative data only.

- All dimensions recorded have been estimated and are given for guidance purposes only.

HAZARD SAFETY AUDIT

Client:	Bronwyn Curtis
Site	Skylark, Salterns Lane, Bursledon SO31 3DH
Date of Survey:	30 August 2016
Consultant:	Stefan Rose *BSc (Hons), TechCert (Arbor.A)*
Tagged:	No
Weather:	Sunny, warm, light winds

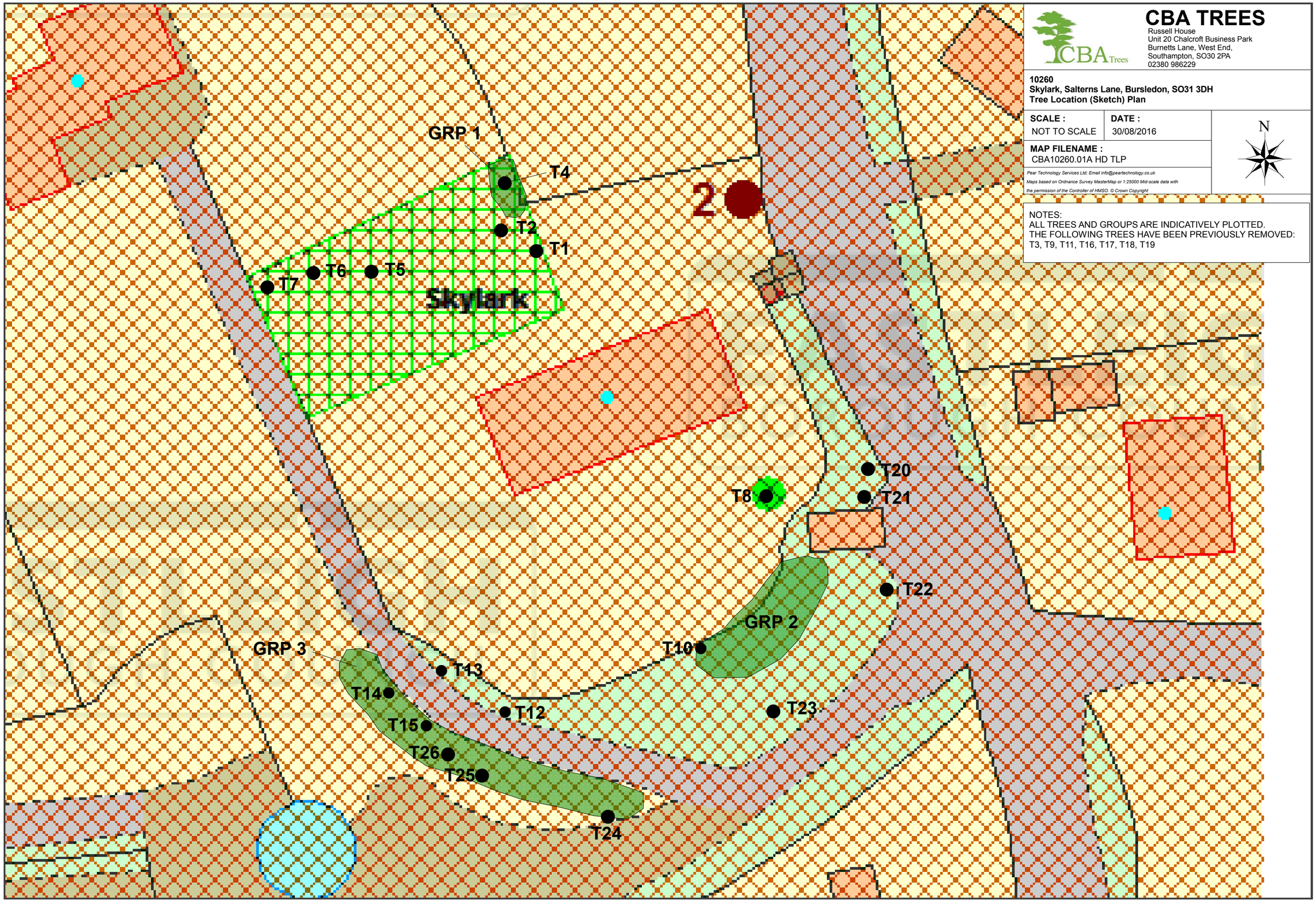
TREE PRESERVATION ORDER/CONSERVATION AREA:
CBA Trees has been instructed to investigate whether trees on or adjacent to the site are protected by a Tree Preservation Order or located within a Conservation Area.
The Local Authority has confirmed that some trees are protected by Tree Preservation Orders 477 and 695 (see trees annotated in red).
The Local Authority has confirmed that the site is located within a Conservation Area.

Tree No	Species	Age Class	Height (m)	Trunk Diameter (mm)	Crown Spread (m)	Overall Condition	Defects and other Relevant Comments	Recommended Works	Priority (months)	Recommended Re-inspection Interval
1	Common Lime *Tilia x europaea*	Early-mature	>20	>600	10-15	Good	Basal suckers Old pruning wounds on trunk and in crown Previously crown reduced at approximately 12m above ground level Minor deadwood in crown Crown shape distorted due to group pressure Old pruning wounds on trunk and in crown Epicormics on trunk Trifurcated at 10m above ground level	Long term - consider thinning regrowth Remove basal suckers and epicormics to 7m above ground level	Routine - within 12 months	3 years
2	Common Lime *Tilia x europaea*	Semi-mature	15-20	300-450	5-10	Good	Epicormics on trunk and in crown Crown shape distorted due to group pressure Growing and weighted North-east Major deadwood in crown Previously crown reduced Old pruning wounds on trunk and in crown Tall and etiolated due to group pressure	Consider removal to benefit T1 and T4	Routine - within 12 months	3 years
3	Previously removed	-	-	-	-	-	-	-	-	-
4	Pedunculate Oak *Quercus robur*	Mature	15-20	>600	10-15	Good	Epicormics on trunk and in crown Crown shape distorted due to group pressure Weighted North-East Major deadwood in crown Survey limited by Group 1 and access as tree is growing on boundary Old pruning wounds on trunk and in crown	Remove deadwood	Important - within 6 months	3 years

Tree No	Species	Age Class	Height (m)	Trunk Diameter (mm)	Crown Spread (m)	Overall Condition	Defects and other Relevant Comments	Recommended Works	Priority (months)	Recommended Re-inspection Interval
5 **TPO No. 695**	Pedunculate Oak *Quercus robur*	Early-mature	15-20	>600	15-20	Good	Two low lateral branches that grow in a South-west direction dominate the garden Epicormics on trunk and in crown Crown shape distorted due to group pressure Weighted west Minor deadwood in crown Old pruning wounds on trunk and in crown Tear wounds in crown	None required at time of survey	N/A	3 years
6 **TPO No. 695**	Pedunculate Oak *Quercus robur*	Mature	>20	>600	10-15	Good	Epicormics on trunk and in crown Bifurcated at 7m above ground level Crown shape distorted due to group pressure Old pruning wounds on trunk and in crown Major deadwood in crown	None required at time of survey	N/A	3 years
7	Pedunculate Oak *Quercus robur*	Semi-mature	10-15	300-450	5-10	Fair	Crown shape distorted due to group pressure Weighted West Ivy on trunk and in crown Epicormics on trunk and in crown Old pruning wounds on trunk and in crown Major deadwood in crown and numerous amounts of tip dieback	Remove major deadwood and clean out crown	Necessary - within 3 months	1 year
8 **TPO No. 477**	Purple Beech *Fagus sylvatica'Purpurea*	Mature	15-20	>600	>20	Good	Crown shape distorted due to group pressure Low hanging branches Old pruning wounds on trunk and in crown Weighted North	Crown lift to 5m ground clearance over garden and prune branches to provide 2m separation from property removing branches no larger than 100mm	Necessary - within 3 months	3 years
9	Previously removed	-	-	-	-	-	-	-	-	-
10	Blue Cedar *Cedrus atlantica 'Glauca'*	Early-mature	>20	>600	15-20	Good	Ivy on trunk and in crown - previously cut Old pruning wounds on trunk and in crown	None required at time of survey	N/A	3 years
11	Previously removed	-	-	-	-	-	-	-	-	-
12	Pine *Pinus spp*	Early-mature	15-20	>600	15-20	Fair	Mechanical damage to surface roots Drive to South Crown shape distorted due to group pressure Old pruning wounds on trunk and in crown Minor deadwood and stubs Ivy on trunk	None required at time of survey	N/A	3 years
13	Pine *Pinus spp*	Mature	15-20	450-600	15-20	Fair	Mechanical damage to surface roots Drive to South Crown shape distorted due to group pressure Bifurcated at 8m above ground level	None required at time of survey	N/A	3 years

Tree No	Species	Age Class	Height (m)	Trunk Diameter (mm)	Crown Spread (m)	Overall Condition	Defects and other Relevant Comments	Recommended Works	Priority (months)	Recommended Re-inspection Interval
14	Common Lime *Tilia x europaea*	Mature	>20	>600	10-15	Good	Leans and weighted North Crown shape distorted due to group pressure Minor deadwood in crown Tight forks with included bark Epicormics in crown Basal suckers	Remove lowest lateral on South side of trunk Remove basal suckers	Routine - within 12 months	3 years
15	Monterey Cypress *Cupressus macrocarpa*	Early-mature	15-20	450-600	5-10	Fair	Tall and etiolated due to group pressure Ivy on trunk Crown shape distorted due to group pressure Minor deadwood in crown Epicormics on trunk	Crown lift by removing epicormics on trunk to a height of 7m above ground level	Routine - within 12 months	3 years
16	Previously removed	-	-	-	-	-	-	-	-	-
17	Previously removed	-	-	-	-	-	-	-	-	-
18	Previously removed	-	-	-	-	-	-	-	-	-
19	Previously removed	-	-	-	-	-	-	-	-	-
20	Elm *Ulmus spp*	Young	5-10	<150	5-10	Fair	Growing on bank Bifurcated at 0.5m above ground level Low hanging branches Epicormics on trunk and in crown Grows beneath utility line	Remove as has limited future due to Dutch Elm Disease	Routine - within 12 months	N/A
21	Holm Oak *Quercus ilex*	Young	5-10	<150	<5	Fair	Growing on bank Adjacent to utility pole Developing tree	Remove to avoid conflict with pole	Routine - within 12 months	N/A
22	Hazel *Corylus spp*	Mature	5-10	<150	5-10	Fair	Multi-stemmed at ground level Growing on bank Low hanging branches Ivy on trunk and in crown Minor deadwood in crown Crown shape distorted due to group pressure Weighted south-east	Coppice to improve visual aspect of T8 and allow tree to regrow and be managed	Routine - within 12 months	N/A
23	Purple Leaved Plum *Prunus cerasifera 'atropurpurea'*	Semi-mature	5-10	<150	5-10	Poor	Trunk and crown shape distorted due to group pressure Weighted south-east Bifurcated at 1.2m above ground level Of limited value Minor deadwood in crown Apical dieback	Remove to improve visual aspect of T10	Routine - within 12 months	N/A
24	Pedunculate Oak *Quercus robur*	Young	5-10	150-300	5-10	Fair	Bifurcated at ground level Low hanging branches Crown shape distorted due to group pressure Weighted south Minor deadwood in crown	None required at time of survey	N/A	3 years

Tree No	Species	Age Class	Height (m)	Trunk Diameter (mm)	Crown Spread (m)	Overall Condition	Defects and other Relevant Comments	Recommended Works	Priority (months)	Recommended Re-inspection Interval
25	Common Yew *Taxus baccata*	Young	5-10	150-300	5-10	Good	Ivy on trunk and in crown Low hanging branches Minor deadwood in crown	Sever and remove 1.8m section of ivy	Routine - within 12 months	3 years
26	Pedunculate Oak *Quercus robur*	Young	5-10	<150	<5	Fair	Growing beneath T15 Trunk and crown shape distorted due to group pressure Ivy on trunk and in crown Of limited value	Remove as has limited future and poor form	Routine - within 12 months	N/A
Grp 1	Lawson Cypress	Young	5-10	<150	<5	Fair	Short linear group planted along boundary Unmaintained as hedge	Reduce height by 1-2m Clip sides by 0.5m	Routine - within 12 months	3 years if retained
Grp 2	Magnolia Yew Pedunculate Oak Sycamore Bay Laurel Holly	Semi-mature	5-10	<150	<5	Good	Shrub border with regeneration of Sycamore and Oak	Remove Bay and Holly Reduce Yew by 1.5m to allow more light in beneath T8 and T10	Routine - within 12 months	3 years
Grp 3	Lilac Portugal Laurel Holly Leyland Cypress	Young	5-10	<150	<5	Fair	Developing trees and shrubs Trunk and crown shapes distorted due to group pressure Low hanging branches Minor deadwood in crown	Reduce in height to approximately 3-4m to encourage a thicker, denser group at low level	Routine - within 12 months	3 years



CBA TREES

Russell House
Unit 20 Chalcroft Business Park
Burnetts Lane, West End,
Southampton, SO30 2PA
02380 986229

10260
Skylark, Salterns Lane, Bursledon, SO31 3DH
Tree Location (Sketch) Plan

SCALE :	**DATE :**
NOT TO SCALE	30/08/2016

MAP FILENAME :
CBA10260.01A HD TLP

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NOTES:
ALL TREES AND GROUPS ARE INDICATIVELY PLOTTED.
THE FOLLOWING TREES HAVE BEEN PREVIOUSLY REMOVED:
T3, T9, T11, T16, T17, T18, T19


CB1

The Professional Arboricultural Consultancy

Company Profile, Qualifications and Experience

CBA Trees, one of the leading professional arboricultural consultancy practices in the UK, is based in Southampton. There are currently two consultants working from our Hampshire office, with further consultants based in Essex and Berkshire, all of whom possess varying expertise and qualifications.

Stefan Rose BSc(Hons), TechCert (Arbor A), joined CBA Trees in 1998 as a junior surveyor and has consistently studied to become a respected Senior Consultant. He has 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.

James Fuller FdSc.Arb, BTEC Nat.Dip Arb, TechArbor.A, joined CBA in 2007 as a gap year junior surveyor/arborist having attained the Foundation Degree in Arboriculture and as part of his professional development James has more recently attained the Professional Tree Inspector's Certificate. Over the years James has gained experience in every field of our work, undertaking all elements of consultancy work including large tree surveys and BS5837:2012 planning applications. As a retained Senior Consultant James undertakes site assessments, site monitoring, provision of advice to prominent development companies and preparation of Implication Assessments and Method Statements.

Dominic Poston F.Arbor.A. MICFor, CEnv, Prof Dip (RFS), BSc (Hons), HND has recently joined CBA Trees 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.

Mark Harrison M.Arbor.A. NDArb, has recently joined CBA Trees as a Senior Consultant and brings with him sound knowledge and experience gained from his career in arboriculture over the past 30 years. Mark gained a National Diploma in Arboriculture from Merrist Wood Agricultural College in 1986 and has been employed by various Borough and District Councils in the post of Arboricultural Officer. Mark operates his own arboricultural consultancy carrying out surveys and producing reports for planning applications, tree management etc.in conjunction with his work for CBA Trees. In addition to a National Diploma, Mark is qualified in Lantra professional tree inspection, and holds qualifications for Bats in Trees and also Bats and Fibrescopes. Mark is a professional member of the Arboricultural Association, Consulting Arborists' Society and the International Society of Arboriculture, as well as an associate member of the Institute of Chartered Foresters.

All of our consultants are trained in the use of 'state of the art' decay detection equipment, and the latest 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:

Developers – Commercial and Residential

Alfred McAlpine Limited
Bellway Homes Ltd
Berkeley Homes Ltd
Bewley Homes
Bloor Homes
Bouygues UK
Bovis Homes Limited
Countryside Properties
Crayfern Homes
Crest Strategic Properties
David Wilson Developments Ltd
Fairview New Homes plc
Highwood Construction
Imperial Elite Construction
Laing/Gladedale Ltd
Linden Homes
Morgan Sindall
Rydon Construction
Taylor Wimpey
Wates Development
Wates Construction

Design & Legal

Barton Willmore Partnership
Bond Pearce
Boyer Planning Associates
Cunningham Ellis & Buckle
Derek Lovejoy Partnership
Lester Aldridge
MacGregor Smith
Masons
McKennas
Penningtons
SLR Consulting
Terra Firma Consultancy
Town Planning Consultancy
Tucker Parry Knowles Partnership
WYG

Education

Beal Free School
Brighton & Hove Sixth Form College
Cognita Schools
Hillyfield Primary Academy
Guildford High School
Merrist Wood College
Richard Taunton College
Royal Holloway University of London
St Osmunds Primary School
United Church Schools
University College Oxford
University of Portsmouth
University of Winchester

Local Authorities & Government Bodies

Alpha
Ampfield Parish Council
Basingstoke Borough Council
Catalyst Housing
Circle Housing Group
Eastleigh Borough Council
Hampshire County Council
Highways Agency
Lambeth and Southwark Housing
London Borough of Bexley
London Borough of Camden
NHS Property Services
Poole Borough Council
Portsmouth City Council
Raglan Housing
Reigate and Banstead Council
RB of Kensington & Chelsea
Royal Borough of Kingston
Ruscombe and Twyford LEP
Rushmoor Borough Council
Southampton City Council
Test Valley Borough Council
The Hyde Group
Transport for London
West Sussex County Council
West Wittering Parish Council

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