

09/57702/003



Bernie Harverson
arboricultural consultant



ARBORICULTURAL IMPACT ASSSSMENT

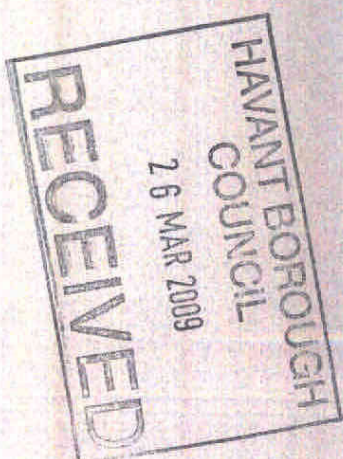
for

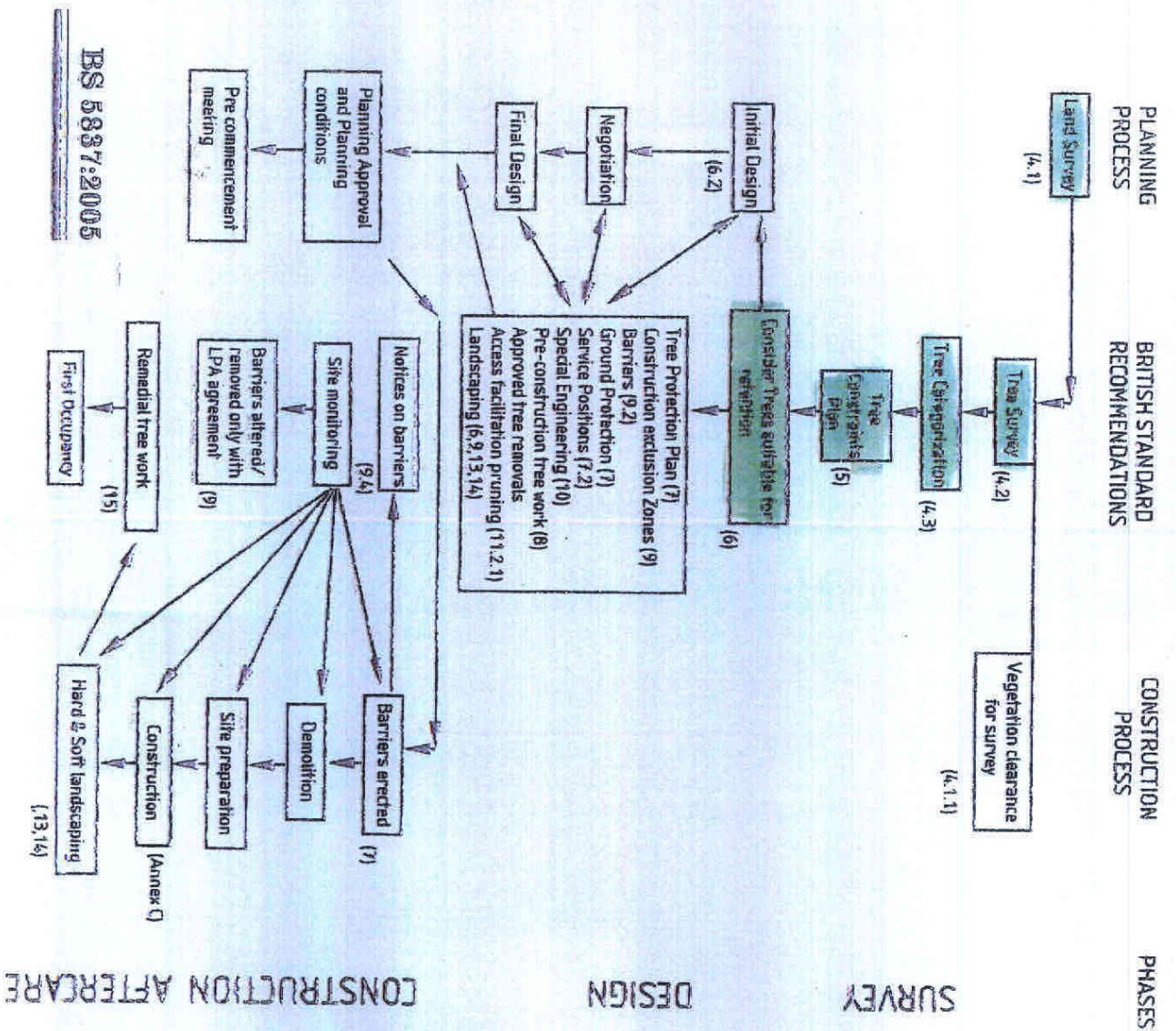
200 Park Avenue, Purbrook

-prepared on behalf of Mr G Eyre -

Bernie Harverson M.Arb.

2 foxcombe cottages • south haring • west sussex • GU31 5dl
tel: 01730 825297 • mob: 07875 520861 • email: bernie.harverson@virgin.net • VAT Reg No. 881 5056 16





Figures in brackets refer to Clause numbers.

Figure 1 — Flow diagram, summarizing planning for trees on development sites



TREE SURVEY NOTES

These Tree Survey Notes have been prepared in accordance with the recommendations of **British Standard BS5837:2005** and define the criteria for pre – development tree surveys.

- Each tree/group has been allocated a unique number (No.). Where specifically commissioned small durable numbered metal tags can be applied to each tree/group surveyed.
- The tree species (Species) is provided in both English and Latin formats.

- Height assessments (Ht) are estimated in metres. This will be adequate for the majority of cases, but where accurate heights become a critical issue it may be necessary to return to site, as a separately commissioned exercise, to collect accurate measurements with the aid of optical instruments.

- Trunk/stem diameters (Trunk Diam) are measured in millimetres at 1.5m above ground level and denoted as S single stemmed trees or M for multi-stemmed trees which are measured immediately above the root flare.

- Radial crown spread assessments (Brch Sprd) are estimated in metres from the centre of the trunk/group to each of the four primary points of the compass (N-north; E-east; S-south and W-west) in order to achieve a representation of the crown shape which will be recorded on the accompanying tree survey plan. These provide a general guide as to the main bulk outline of a tree/groups crown but are not tape measured dimensions. These would only be undertaken as part of a separately commissioned exercise, where precise dimensions are critical to the project at hand.

- The average ground clearance (Grd Cl) is estimated and shown in metres.

- An assessment of a tree/groups age (Age) class is made in terms of its site specific maturity as part of the surrounding landscape, taking into account its overall shape and form in that setting, and is recorded thus :-

Y	-	Young tree/group
MA	-	Middle – aged tree/group
M	-	Mature tree/group
OM	-	Over – mature tree/group
V	-	Veteran tree/group

- An assessment of a tree/groups overall physiological condition (Fm) is recorded as :-

G	-	Good
F	-	Fair
P	-	Poor
D	-	Dead

- Data on the structural condition (Condition Comments) of the tree/group is provided to give an indication of its visual appearance and any significant health and safety issues.

- Details of necessary tree works required at the time of survey is given under the heading – **Preliminary Management Recommendations**
- An estimate of a tree/groups future life expectancy (Rem Cont) is made and is recorded thus :-

1-10; 10-20; 20-30; 30-40 or >40 years.

- The category grading (Cat) for each tree/group is assessed according to the criteria provided within **BS5837:2005**. The assessment is made of the tree/group in its current condition and within the environment encountered bearing in mind its suitability for retention as part of any future proposed development; although the exact layout detail of any specific scheme will not be known at the time of surveying.

The trees have been classified into one of four categories and colour coded as BS5837 recommends - **R** (dark red); **G** (light green); **B** (mid-blue) and **D** (grey). Please note that the numerical sub-categories which are also applied are for guidance only and do not carry any cumulative or increased value for the tree/group. This colour coding scheme will be applied to all drawings provided.

Table 1 – Cascade chart for tree quality assessment

TREES FOR REMOVAL				
Category and definition	Criteria			Colour on plan
Category R Those in such a condition that any existing value would be lost within 10 years and which should, in current context, be removed for reasons of sound arboricultural management.	- 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 R category trees (i.e. 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 (e.g. Dutch Elm Disease), or very low quality trees suppressing adjacent trees of better quality			Dark Red
TREES FOR CONSIDERATION FOR RETENTION				
Criteria – Subcategories				
	1	2	3	
Category H – Those of high quality and value: in such a condition as to be able to make a substantial contribution (a minimum of 40 years is suggested)	Trees that are particularly good examples of their species, especially if rare or unusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands which provide a definite screening or softening effect to the locality in relation to views into or out of the site, or those of particularly visual importance (e.g. avenues or other arboricultural features assessed as groups)	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	Light Green
Category B – Those of moderate quality and value: in such a condition as to make a significant contribution (a minimum of 20 years is suggested)	Trees that might be included in the high category, but are downgraded because of impaired condition (e.g. presence of remediable defects including unsympathetic past management and minor storm damage)	Trees present in numbers, usually as groups or woodlands, such that they form distinct landscape features, thereby attracting a higher collective rating than they might as individuals but which are not, individually, essential components of formal or semi-formal arboricultural features (e.g. trees of moderate quality within an avenue that includes better. A category specimens), or trees situated mainly internally to the site, therefore individually having little visual impact on the wider locality	Trees with clearly identifiable conservation or other cultural benefits	Mid Blue
Category C – Those of low quality and value: currently in adequate condition to remain until new planting could be established (a minimum of 10 years is suggested), or young trees with a stem diameter below 150mm	Trees not qualifying in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater landscape value, and/or trees offering low or only temporary screening benefit	Trees with very limited conservation or other cultural benefits	Grey
Note: Whilst C category trees will usually not be retained where they would impose a significant constraint on development, young trees with a stem diameter of less than 150mm should be considered for relocation				



Bernie Harverson
arboricultural
consultant

TREE SURVEY SCHEDULE

Client : Gareth Eyre

Site Location : 200 Park Avenue, Purbrook

Surveyor : Bernie Harverson *M.Arb.*

Date Surveyed : 22nd January 2009

No	Species	HT	S / M	Trunk Dia.	Brev. Spd.	Gr. Cl.	Age	P	Condition Comments	Pruning Management Recommendations	Rem. Can. in yrs	Cl.
1	Common Ash <i>Fraxinus excelsior</i>	18 m	S	500 mm	N7 E1 S7 W5	3 m	M	P	Bifurcated at 6m above ground-crown shape distorted by group pressures-suppressed to the east side-previously crown lifted to 4m above ground-open splayed habit to the crown.	No works required at this time	30-40	B1 / C1
2	Sycamore <i>Acer pseudoplatanus</i>	20	S	450	N4 E2 S5 W1	5	M	P	Ivy on main trunk-suckers-bifurcated at 5m above ground-crown shape distorted by group pressures-suppressed to the east and west sides- previously crown lifted to 8m above ground on south side only-open splayed habit to crown-tall and drawn form	No works required at this time	10-20	C1
3	Sycamore <i>Acer pseudoplatanus</i>	14	S	250	N0 E0 S7 W2	4	MA	P	Ivy on main trunk and smothering through crown-crown shape distorted by group pressures-suppressed and dominated by other trees--leans to the south-distorted in upper crown- poor quality tree of limited value	Advise remove	5-10	R
4	Sycamore <i>Acer pseudoplatanus</i>	20	S	430	N7 E1 S5 W3	4	M	P	Ivy on main trunk- crown shape distorted by group pressures-suppressed-minor deadwood-suppressed to east and west-open splayed habit to crown	No works required at this time	20-30	C1

5	Sycamore <i>Acer pseudoplatanus</i>	20	S	600	N7 E3 S3 W1	6	M	P	Unable to inspect trunk due to dense ivy covering-ivy smothering through crown-suppressed to east, south and west sides	Sever ivy at ground level	20-30	C1
6	Common Alder <i>Alnus glutinosa</i>	18	S	500	N1 E1 S6 W1	4	OM	P	Unable to inspect trunk due to dense ivy covering-ivy smothering through crown-suppressed to north, east and west sides-crown weighted to the south-poor quality tree of limited value	Sever ivy at ground level	10-20	C1
7	Common Beech <i>Fagus sylvatica</i>	18	S	700	N6 E8 S7 W2	4	M	P	Unable to inspect trunk due to dense ivy covering-ivy smothering through crown-multi-stemmed in upper crown-crown shape distorted by group pressures-suppressed to west side	Sever ivy at ground level	20-30	C1



Pennie Henson
an arboricultural horticulturalist

Client :

Gareth Eyre

Site Location :

200 Park Avenue, Purbrook

ROOT PROTECTION AREA SCHEDULE

BJH 0307

Tree No.	Tree Species	Grade	Single or Multi Stem	Diam. mm	BS5837:2005 Table 2- Radial Protect. Zone m	BS5837:2005 Table 2- Root Protect. Area m ²	Is An Offset Required To Cater For Existing Rooting Pattern Restrictions
1	Common Ash <i>Fraxinus excelsior</i>	B1 / C1	S	500	6.0	113.1	YES - group pressures will focus rooting out to the west side
2	Sycamore <i>Acer pseudoplatanus</i>	C1	S	450	5.4	91.7	NO - there are constraints all around this tree which cancel each other out
3	Sycamore <i>Acer pseudoplatanus</i>	R	S	250	3.0	28.3	NO - this tree should be removed for sound arboricultural management reasons regardless of any re-development proposals
4	Sycamore <i>Acer pseudoplatanus</i>	C1	S	430	5.2	84.0	YES - group pressures will focus rooting out to the north side
5	Sycamore <i>Acer pseudoplatanus</i>	C1	S	600	7.2	162.9	YES - group pressures will focus rooting out to the north side
6	Common Alder <i>Alnus glutinosa</i>	C1	S	500	6.0	113.1	YES - group pressures will focus rooting out to the south side
7	Common Beech <i>Fagus sylvatica</i>	C1	S	700	8.4	221.7	YES - group pressures will focus rooting out to the east side



QUALIFICATIONS AND EXPERIENCE

- My name is Bernie Harverson and I am a self employed independent arboricultural consultant in private practice. I take instructions primarily in the South of England but also on occasions work nationwide and abroad and have offices at : –
- 3 Foxcombe Cottages, South Harting, West Sussex GU31 5PL and also at Cedar Court, 5 College Street, Petersfield GU31 4AB
- I hold the following arboricultural qualification - **Master of Arboriculture** (Royal Forestry Society – 1976)
- I have over **thirty eight** years of practical and managerial experience in the arboricultural industry including periods in both the public and private sectors.
- My Local Government sector experience comprises one year as a tree surgeon with Brighton Parks and nine years spent in Arboricultural Officer posts with both Westminster City Council and Portsmouth City Council
- My past practical experience in the private sector includes two years at Tilhill Forest Nursery and over ten years for various companies as a Climbing Arborist/Tree Surgeon.
- Managerial work in the private sector includes two years as manager of Beechings tree surgery company and twelve years with CBA Trees as an Arboricultural Consultant.
- As an independent self employed Arboricultural Consultant I now provide a comprehensive range of services including :-
 - tree surveys, appraisals, assessments and inspections with particular reference to planning and development and tree safety audits with a service offered as a climber to undertake full climbing inspections to better understand the condition of a given tree before prescribing a management strategy.
- I also undertake litigation work appearing as an Expert Witness in Court Actions and at Planning Appeals, Hearings and Public Local Inquiries.

Bernie Harverson M.Arb.