



0738.bjh.let

11th September 2014

Stuart Bone
PWP Architects Ltd
61 South Street
Havant
Hampshire
PO9 1BZ

Dear Stuart,

Arboricultural Constraints Assessment – Oaklands Care Home – 216/8 Stakes Hill Road

Thank you for instructing me on this project and I am pleased to confirm that having attended site on Monday 8th September to conduct the tree survey exercise I am now in a position to offer you advice on the constraints which trees place on the viability of the redevelopment of this site.

Tree Survey Schedule – This acts as an inventory of the trees present on site at the time of my inspection which may have the potential to be a constraint on the redevelopment of the site. You will see that the trees are graded **A**, **B**, **C** and **U** according to their appearance and condition. I would ask that you refer to the tree survey notes included within the report for further guidance on definitions for each category grade. Suffice it to say that we would be looking to retain as many of the **A** and **B** trees as is feasible along with as many of the **C** grade trees that do not severely constrain a valid and justifiable planning layout. The **U** grade trees would normally be removed (subject to no legal constraints such as Conservation Area cover or TPO or Covenant) as part of sound arboricultural management of the site regardless of development proposals.

Root Protection Schedule – This defines the protection zones which will need to be applied in order to comply with British Standard 5837:2012 Recommendations. These are a guide only at this stage for design purposes and the eventual Tree Protection Plan which will be required to be submitted to support a planning application will show the exact route and line of the protective fencing which will need to be erected to protect retained trees. This cannot be pre-determined and interpreted by other professions and the BS is quite clear that this exercise must be undertaken by an arboriculturist. You should therefore be wary of relying totally on the initial circular zones (if shown) and take heed of the comments in the final column of the schedule which states where in the arboriculturists opinion the rooting zones will be eccentric and exaggerated in one direction or another as defined by existing rooting pattern constraints such as walls, buildings; hard surfacing and competition from other trees or vegetation.

Legal Constraints

I have not been advised of the existence of TPO cover on this site and have at this juncture not made any enquiries of my own in this respect as it is not within my remit on this project. This situation should be verified with the local authority before any works recommended in this report are undertaken.

Bernie Harverson M.Arb.

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Detailed Comments

- A total of **13** individual trees **2** Hedges and **1** group make up the vegetation which I surveyed on this site and the data was collected in accordance with BS5837:2012 recommendations.
- For the purposes of this exercise I have utilised the scaled base plans provided to me by PWP Architects Ltd. and I rely on the accuracy of these plans for illustration of crown spreads and RPA's.
- Your current proposals as I understand them involve the revamping of existing accommodation and adding a new extension to the south side on land at 218.
- In terms of direct losses this will only mean the removal of one small dwarf conifer which is not of high amenity value or merit.
- There will be an impact on the root systems of trees to the rear of the site along the boundary line but I would not see this as being so significant that it merits major mitigation measures given that these trees are of poor quality having been very heavily topped out on a cyclic pruning basis which I have every reason to believe will continue in the future not only to benefit this site but keep them from dominating the small off site gardens of private residences. I have indicated on the attached plan BJH.03 a way in which I believe we can approach this issue retaining the trees as they do have some merit for screening and separation purposes. This will mean that there can only be pedestrian access around the rear of the site so all building work must be undertaken from the east side of the tree line and within the new building footprint. There is of course an option to remove trees 5 & 6 and possibly 7 as well and plant replacements on completion - but I would suggest we try to keep all of these trees.
- The Horse Chestnut tree 1 at the front is the key tree on this site and will need to be fully respected which means that roads, paths and parking bays will need to be either shallow or no dig construction form and of porous materials – the attached information sheet will give you an idea of how we might achieve this.

I trust that this information is of assistance to you during the planning process and in devising a tree management strategy for the ongoing management of these trees and for the arrangement of the new buildings on this site. I have raised a number of issues above which will require you to review the options and advise me how you would propose to proceed with this project so that I can then prepare the supporting report for planning submission.

Yours sincerely,

Bernie Harrison



ARBORICULTURAL ASSESSMENT

Oaklands Care Home, Stakes Hill Road, Waterloooville

-prepared on behalf of PWP Architects –

Bernie Harverson M.Arb.

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Tree Survey Schedule

+ T/S Notes & BS5837 Flow Diagram

TREE SURVEY NOTES

- These Tree Survey Notes have been prepared in accordance with the recommendations of **British Standard 5837:2012** and they define the criteria for pre –development tree surveys. Each tree/group/hedge/shelterbelt/woodland has been allocated a unique number (No.). where specifically requested and appropriate fees are agreed small durable numbered metal tags can be applied to each tree/group surveyed.
- The tree species (**Species**) is provided in both English and Latin name 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 (**Diam**) are measured in millimetres at **1.5m above ground level** – where the tree is inaccessible the diameter is estimated as indicated by suffix #
- Radial crown spread assessments (**Breh 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 shown 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.
- Both the canopy ground clearance (**GC**) and the height & compass direction of the lowest major branch (**LMB**) are estimated and shown in metres
- An assessment of a tree/groups 'life stage' (**LS**) 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; SM - Semi-Mature tree/group; EM - Early-Mature tree/group;
M - Mature tree/group; OM - Over - mature tree/group
- Data on the structural condition (**Condition Comments**) of the tree/group is provided to give its visual appearance and any significant health and safety issues.
- Details of any recommended tree works required at the time of survey is given under the heading – **Preliminary Management Recommendations**.
- An estimate of a tree/groups remaining contribution in years (**RC**) is made and is recorded thus :-
0-5; 5-10; 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 **BS5837:2012**. 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 :- **U** (dark red); **A** (light green); **B** (mid-blue) and **C** (grey). Please note that suffixed numerical sub-categories are also applied 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.

Figure 1 The design and construction process and tree care

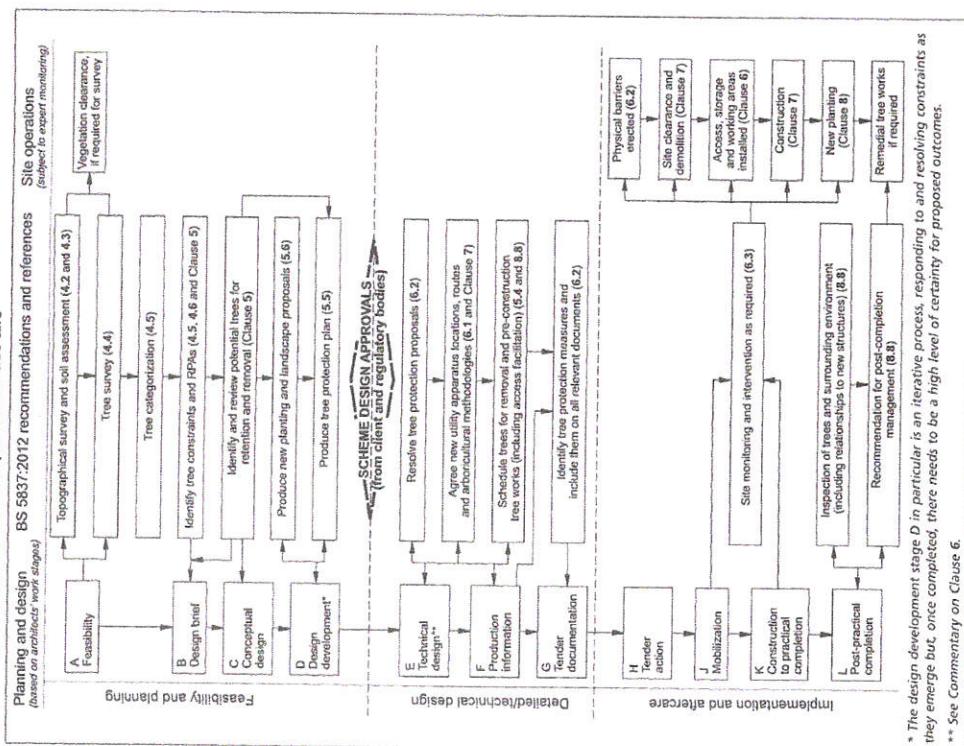


Table 1 – Cascade chart for tree quality assessment
Criteria

Category and definition	Criteria			Colour on plan
Trees unsuitable for retention Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.	- Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (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, or very low quality trees suppressing adjacent trees of better quality NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve.			Dark Red
Trees to be considered for retention	Criteria – Subcategories			
	1	2	3	
Category A 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 Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in the category A, but are downgraded 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 or other cultural value	Mid Blue
Category C 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



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TREE SURVEY SCHEDULE

Client : PWP Architects **Site Location :** Oaklands Care Home, Stakes Hill Road
Surveyor : Bernie Harverson M.Arb. **Date Surveyed :** 8th September 2014

Tree No.	Species	Ht m	Diam mm	Brch Sprd m	GC m	LMB m	LS	Comments	Preliminary Management Recommendations	Rem Con yrs	Cat
1	Horse Chestnut <i>Aesculus hippocastanum</i>	22	1100	N10 E12 S8 W7	1.5	4 nesw	M	Ivy smothering base, trunk and through crown-multi stemmed 2.5m above ground level-small and large diameter deadwood-crown lifted to clear above road to 6m-good shape and form	Sever ivy	>40	A1
2	Hawthorn <i>Crataegus monogyna</i>	5	150 x4	N3 E4.5 S4.5 W4.5	1.5	1.5 nesw	EM	Off site tree on open space area-ivy smothering base, trunk and through crown-cables through upper crown	No work considered essential at time of survey	20-30	B1
3	Dwarf Conifer <i>Juniperus</i>	2	120	N1 E1 S1 W1	0	0 nesw	EM	Low branching habit	No work considered essential at time of survey	10-20	C1
4	Common Ash <i>Fraxinus excelsior</i>	12	500 300 200 #	N6 E6 S6 W6	3	4 nesw	EM	Unable to access-off site tree-ivy and climbers smothering base, trunk and through crown -previously heavily topped out-multi stemmed at ground level-tight forks with included bark	Sever ivy and climbers	>40	B1
5	Sycamore <i>Acer pseudoplatanus</i>	12	320 310	N2 E5 S5 W3	3	4 nesw	EM	High crown lifted-old pruning wounds partially occluded-previously heavily topped out-crown comprised of regrowth from old pruning wounds	No work considered essential at time of survey	>40	C1
6	Sycamore <i>Acer pseudoplatanus</i>	14	400	N3 E4 S3 W3	4	4 nesw	EM	Suckers-crown lifted-old pruning wounds partially occluded-previously heavily topped out-crown comprised of regrowth from old pruning wounds	No work considered essential at time of survey	>40	C1
7	Sycamore <i>Acer pseudoplatanus</i>	14	400	N5 E5 S3 W5	4	4 nesw	EM	Suckers-crown lifted-old pruning wounds partially occluded-previously heavily topped out-crown comprised of regrowth from old pruning wounds	No work considered essential at time of survey	>40	C1
8	Medlar <i>Mespilus germanica</i>	5	250	N3 E3 S3 W3	2	1.5 nesw	M	Fair shape and form	No work considered essential at time of survey	>40	A1

9	Common Ash <i>Fraxinus excelsior</i>	16	600	N7 E5 S5 W7	4	4 nesw	M	Multi stemmed at 3m-epicormics on trunk-small and large diameter deadwood and stubs-crown lifted –old pruning wounds partially occluded-previously heavily topped out-crown comprised of regrowth from old pruning wounds-poor quality tree	No work considered essential at time of survey	>40	C1
10	Weeping Willow <i>Salix babylonica</i>	12	400	N5 E5 S5 W3	2	6 nesw	EM	Contorted trunk-small diameter deadwood-crown lifted-old pruning wounds partially occluded-previously heavily topped out-crown comprised of regrowth from old pruning wounds	No work considered essential at time of survey	30-40	B1 / C1
11	Sweet Gum <i>Liquidambar styraciflua</i>	15	250 110	N2.5 E4 S1.5 W1	2	2.5 nesw	SM	Bifurcated at ground level-tight forks with included bark-epicormics-good shape and form	No work considered essential at time of survey	>40	B1
12	Pedunculate Oak <i>Quercus robur</i>	15	450	N6 E7 S5 W2	2.5	2.5n	SM	Multi stemmed 2.5m above ground level-open splayed habit-extensive suckers following heavy thinning/lopping works-low crown density-heavily topped out-flat pruned on west side-poor quality tree	No work considered essential at time of survey	>40	C1
13	Domestic Apple <i>Malus domestica</i>	7	300 250 150 150 #	N5 E4 S4 W2	2	3 nesw	M	Unable to access –off site tree-multi stemmed at ground level-suckers –epicormics-crown weighted to the north and east-small and large diameter deadwood and stubs-crown lifted over garden fence	No work considered essential at time of survey	30-40	B1
Hdge 1	Beech <i>Fagus sylvatica</i>	1.5	Av 60	N0.3 E0.3 S0.3 W0.3	0	0 nesw	Y	Unable to access-off site tree-heavily topped out-regrowth from old pruning points	No work considered essential at time of survey	30-40	B2
Hdge 2	Golden Leylandii <i>Cupressocypariss</i>	2.5 to 3	100	N0.5 E0.5 S0.5 W0.5	0	0 nesw	SM	Dieback on east face where hedge has been cut hard back	No work considered essential at time of survey	10-20	C2
Grp 1	Birch (<i>Betula</i>) & Rowan (<i>Sorbus</i>)	4 to 6	Av 120 #	N2.5 E2.5 S2.5 W2.5	1	1.5 nesw	Y	Unable to access-off site trees-fair shape and form	No work considered essential at time of survey	>40	B2



Root Protection Area Schedule

+ BS5837 RPA Calculation Methodology

4.6 Root Protection Area (RPA)

4.6.1 For single stem trees, the RPA should be calculated as an area equivalent to a circle with a radius 12 times the stem diameter measured at a height of 1.5m from ground level.

For trees with more than one stem, one of two calculation methods should be used as illustrated and explained below.

- a) For trees with 2 to 5 stems, the combined stem diameter should be calculated as follows:

$$\sqrt{(\text{stem diameter } 1)^2 + (\text{stem diameter } 2)^2 \dots \text{up to } + (\text{stem diameter } 5)^2}$$

In words - measure the diameter of each of the stems - square each one and add it to the next - finally assess the square root of the combined total to derive one measurement which you look up in Table D.1 to find the radial RPA and area measurement equivalent to the area of a circle with that radius - in case you have to apply a polygon protection zone [see at 4.6.2 below].

The calculated RPA for each tree is to be capped at 707 m²

- b) For trees with more than five stems the combined stem diameter should be calculated as follows:

$$\sqrt{(\text{mean stem diameter})^2 \times \text{the total number of stems}}$$

In words - measure all of the stem diameters - add them all together and divide by the total number of stems (= mean stem diameter) - then square this figure - then multiply that figure by the total number of stems and then finally assess the square root of that figure to derive one measurement which you look up in Table D.1 to find the radial RPA and area measurement equivalent to the area of a circle with that radius - in case you have to apply a polygon protection zone [see at 4.6.2 below].

4.6.2 The RPA for each tree should initially be plotted as a circle centred on the accurate position of the trunk of the tree. Where pre-existing site conditions or other factors indicate that rooting has occurred asymmetrically, a polygon of equivalent area to the circle should be plotted instead of the circle. Modifications to the shape of the RPA should reflect a soundly based arboricultural assessment of likely root distribution.

4.6.3 Any deviation in the RPA from the original circular plot should take account of the following factors whilst still providing adequate protection for the root system:

- the morphology and disposition of the roots, when influenced by past or existing site conditions (e.g. the presence of roads, structures and underground apparatus);
- topography and drainage;
- the soil type and structure;
- the likely tolerance of the tree to root disturbance or damage, based on factors such as species, age, condition and past management.

Root Protection Area – Table D1

The RPA's given in Table D.1 should be used for single stem trees and the equivalent resultant combined stem diameter for multi-stemmed trees

Stem Diam. mm	Circle Rad. m	Area m ²	Stem Diam. mm	Circle Rad. m	Area m ²	Stem Diam. mm	Circle Rad. m	Area m ²	Stem Diam. mm	Circle Rad. m	Area m ²	Stem Diam. mm	Circle Rad. m	Area m ²
75	0.9	3	310	3.7	43	545	6.5	134	780	9.4	275	1015	12.2	466
80	1.0	3	315	3.8	45	550	6.6	137	785	9.4	279	1020	12.2	471
85	1.0	3	320	3.8	46	555	6.7	139	790	9.5	282	1025	12.3	475
90	1.1	4	325	3.9	48	560	6.7	142	795	9.5	286	1030	12.4	480
95	1.1	4	330	4.0	49	565	6.8	144	800	9.6	290	1035	12.4	485
100	1.2	5	335	4.0	51	570	6.8	147	805	9.7	293	1040	12.5	490
105	1.3	5	340	4.1	52	575	6.9	150	810	9.7	297	1045	12.5	494
110	1.3	5	345	4.1	54	580	7.0	152	815	9.8	301	1050	12.5	499
115	1.4	6	350	4.2	55	585	7.0	155	820	9.8	304	1055	12.6	504
120	1.4	7	355	4.3	57	590	7.1	157	825	9.9	308	1060	12.7	508
125	1.5	7	360	4.3	59	595	7.1	160	830	10.0	312	1065	12.8	513
130	1.6	8	365	4.4	60	600	7.2	163	835	10.0	315	1070	12.8	518
135	1.6	8	370	4.4	62	605	7.3	166	840	10.1	319	1075	12.9	523
140	1.7	9	375	4.5	64	610	7.3	168	845	10.1	323	1080	13.0	528
145	1.7	10	380	4.6	65	615	7.4	171	850	10.2	327	1085	13.0	533
150	1.8	10	385	4.6	67	620	7.4	174	855	10.3	331	1090	13.1	538
155	1.9	11	390	4.7	69	625	7.5	177	860	10.3	335	1095	13.1	542
160	1.9	12	395	4.7	71	630	7.6	180	865	10.4	339	1100	13.2	547
165	2.0	12	400	4.8	72	635	7.6	182	870	10.4	342	1105	13.3	552
170	2.0	13	405	4.9	74	640	7.7	185	875	10.5	346	1110	13.3	557
175	2.1	14	410	4.9	76	645	7.7	188	880	10.6	350	1115	13.4	562
180	2.2	15	415	5.0	78	650	7.8	191	885	10.6	354	1120	13.4	568
185	2.2	16	420	5.0	80	655	7.9	194	890	10.7	358	1125	13.5	573
190	2.3	16	425	5.1	82	660	7.9	197	895	10.7	362	1130	13.6	578
195	2.3	17	430	5.2	84	665	8.0	200	900	10.8	366	1135	13.6	583
200	2.4	18	435	5.2	86	670	8.0	203	905	10.9	371	1140	13.7	588
205	2.5	19	440	5.3	88	675	8.1	206	910	10.9	375	1145	13.7	593
210	2.5	20	445	5.3	90	680	8.2	209	915	11.0	379	1150	13.8	598
215	2.6	21	450	5.4	92	685	8.2	212	920	11.0	383	1155	13.9	604
220	2.6	22	455	5.5	94	690	8.3	215	925	11.1	387	1160	13.9	609
225	2.7	23	460	5.5	96	695	8.3	219	930	11.2	391	1165	14.0	614
230	2.8	24	465	5.6	98	700	8.4	222	935	11.2	396	1170	14.0	619
235	2.8	25	470	5.6	100	705	8.5	225	940	11.3	400	1175	14.1	625
240	2.9	26	475	5.7	102	710	8.5	228	945	11.3	404	1180	14.2	630
245	2.9	27	480	5.8	104	715	8.6	231	950	11.4	408	1185	14.2	635
250	3.0	28	485	5.8	106	720	8.6	235	955	11.5	413	1190	14.3	641
255	3.1	29	490	5.9	109	725	8.7	238	960	11.5	417	1195	14.3	646
260	3.1	31	495	5.9	111	730	8.8	241	965	11.6	421	1200	14.4	652
265	3.2	32	500	6.0	113	735	8.8	244	970	11.6	426	1205	14.5	657
270	3.2	33	505	6.1	115	740	8.9	248	975	11.7	430	1210	14.5	662
275	3.3	34	510	6.1	118	745	9.0	251	980	11.8	435	1215	14.6	668
280	3.4	35	515	6.2	120	750	9.0	255	985	11.8	439	1220	14.6	673
285	3.4	37	520	6.2	122	755	9.1	258	990	11.9	443	1225	14.7	679
290	3.5	38	525	6.3	125	760	9.1	261	995	11.9	448	1230	14.8	685
295	3.5	39	530	6.4	127	765	9.2	265	1000	12.0	452	1235	14.8	690
300	3.6	41	535	6.4	130	770	9.2	268	1005	12.1	457	1240	14.9	696
305	3.7	42	540	6.5	132	775	9.3	272	1010	12.1	462	1245	14.9	701
												1250	15.0	707



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ROOT PROTECTION AREA SCHEDULE

Client : PWP Architects Site Location : Oaklands Care Home, Stakes Hill Road

Tree No.	Tree Species	Cat	Diam mm	BS5837:2012 Table1 Radial Protection Zone m	BS5837:2012 Table D1 Polygon Area m ²	Is An Offset Required To Cater For Existing Rooting Pattern Restrictions
1	Horse Chestnut <i>Aesculus hippocastanum</i>	A1	1100	13.2	547	NO – there are constraints all around this tree which cancel each other out
2	Hawthorn <i>Crataegus monogyna</i>	B1	150 x4	3.6	41	YES – this tree is likely to root a lot more out into the open space area
3	Dwarf Conifer <i>Juniperus</i>	C1	120	1.4	7	NO – there are constraints all around this tree which cancel each other out
4	Common Ash <i>Fraxinus excelsior</i>	B1	500 300 200	7.4	172	NO – fairly free rooting to all directions
5	Sycamore <i>Acer pseudoplatanus</i>	C1	320 310	5.3	90	NO – fairly free rooting to all directions
6	Sycamore <i>Acer pseudoplatanus</i>	C1	400	4.8	72	NO – fairly free rooting to all directions
7	Sycamore <i>Acer pseudoplatanus</i>	C1	400	4.8	72	NO – fairly free rooting to all directions
8	Medlar <i>Mespilus germanica</i>	A1	250	3.0	28	NO – fairly free rooting to all directions
9	Common Ash <i>Fraxinus excelsior</i>	C1	600	7.2	163	NO – fairly free rooting to all directions
10	Weeping Willow <i>Salix babylonica</i>	B1 / C1	400	4.8	72	NO – fairly free rooting to all directions
11	Sweet Gum <i>Liquidambar styraciflua</i>	B1	250 110	3.3	34	NO – fairly free rooting to all directions
12	Pedunculate Oak <i>Quercus robur</i>	C1	450	5.4	92	NO – fairly free rooting to all directions

13	Domestic Apple <i>Malus domestica</i>	B1	300 250 150 150	5.3	89	NO – fairly free rooting to all directions
Hdge 1	Beech <i>Fagus sylvatica</i>	B2	Av 60	0.7	2	YES – the retaining wall restricts rooting
Hdge 2	Golden Leylandii <i>Cupressocyparis</i>	C2	100	1.2	5	NO – fairly free rooting to all directions
Grp 1	Birch (<i>Betula</i>) & Rowan (<i>Sorbus</i>)	B2	Av 120 #	1.4	7	YES – the retaining wall and levels will promote more rooting into the open grassed areas



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Tree Survey & Root Constraints Plan

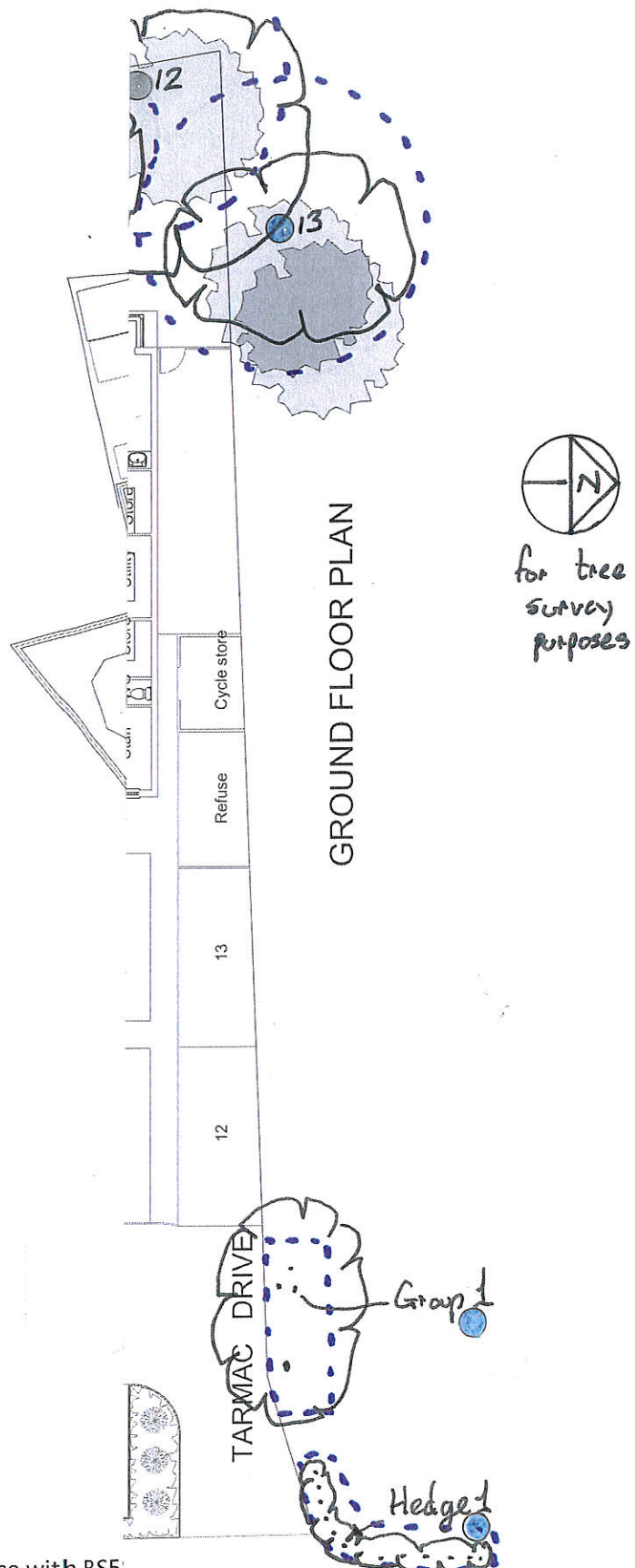
	
project	Oaklands Care Home 216/218 Stakes Hill Road Waterlooville
client	PWP Architects
title	Tree Survey & Constraints Plan
dwg	BJH.01/02
scale	1:250 @ A3
date	September 2014
job	0738
drawn by	bjh
Bernie Harverson M.Arb. 3 four-acre cottages • south facing • west Sussex • GU27 5PL tel: 01753 625297 • mob: 07975 520881 • email: bernie.harverson@btinternet.com • VAT Reg No. 881 3059 10	

Key:

-  = Trees of A (high) grading
-  = Trees of B (moderate) grading
-  = Trees of C (low) grading
-  = Trees of U (fell) grading



- = Root Protection Area in accordance with BS58
 - = The crown spread exceeds the recommended low branching habit then it may prove necessary to encompass the full crown or undertake further work.
- N.B.** - these options would only be necessary if





Qualifications & Experience



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 GU32 4AE
- I hold the following arboricultural qualification - **Master of Arboriculture** (Royal Forestry Society – 1976)
- I have **forty four** 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 Department 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.

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