



ARBORICULTURAL METHOD STATEMENT

Nether Walstead, East Mascalls Lane, Lindfield

*- prepared on behalf of **Mr & Mrs E Ball** -*

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1.0 INTRODUCTION & CLIENTS BRIEF

- 1.1 I am instructed on this project by **Mr & Mrs E Ball** who own the property known as **Nether Walstead** in **Lindfield**.
- 1.2 My clients seek to redevelop the site and have four sets of gated access points constructed to define their property and discourage people using the public footpath from wandering through the site.
- 1.3 There are both on site trees of various species which will need to be catered for in this process.
- 1.4 I have been commissioned to prepare a report to satisfy the arboricultural aspects of this project in accordance with BS5837:2012 recommendations.

2.0 DOCUMENT DISCLOSURE STATEMENT

I have been provided with a copy of the following Planning Layout drawings as prepared by **Doll & Co. Architecture/Design** – which relate to the construction of the four bespoke gated access points :-

- **Proposed Site Layout Plan – Gate 1 Location : 0001-PL-210 Rev.0 – 1 :200 @ A3 – 25.11.24**
 - **Proposed Site Layout Plan – Gate 2 Location : 0001-PL-211 Rev.0 – 1 :200 @ A3 – 25.11.24**
 - **Proposed Site Layout Plan – Gate 3 Location : 0001-PL-212 Rev.A – 1 :200 @ A3 – 11.12.24**
 - **Proposed Site Layout Plan – Gate 4 Location : 0001-PL-213 Rev.0 – 1 :200 @ A3 – 25.11.24**
 - **Elevation Plans of Gates 1 to 4 – 0001-PL-220 Rev 0 – 1:50 @ A3 – 25.11.24**
- these drawings have been provided to me for the purposes of my work and I rely totally on their accuracy in terms of tree locations; applying crown spreads and setting out protective fencing.

3.0 TREE SURVEY & ROOT PROTECTION SCHEDULES & IMPACT ASSESSMENT

3.1 I visited the site on **11th October 2024** to undertake a tree survey exercise in accordance with BS5837:2012 recommendations (see also the explanatory tree survey notes [at appendix BH1](#)).

Tree No.	Species	Ht m	Diam mm	Brch Sprd m	GC m	LS	Comments	Preliminary Management Recommendations	Rem Con yrs	Cat
1	Pedunculate Oak <i>Quercus robur</i>	12	400	N 5 E 8 S 4 W 6	4	SM	Dead Ivy clinging to the trunks-multi stemmed at 3m-crown shape dictated by group pressures-small diameter deadwood in crown-low crown density overall.	No works required at this time	>40	C1
Group 1	Holly <i>Ilex aquifolium</i> Portugal Laurel <i>Prunus lusitanica</i>	7 5	130 90 x3	N 2.5 E 0.5 S 1.5 W 1.5	0	SM	Ivy smothering the base, trunk & through crown branchwork-suppressed to the east side-crown shape dictated by group pressures-low branching habit.	Sever the Ivy and allow to die off naturally	>40	C2
2	Pedunculate Oak <i>Quercus robur</i>	18	720	N 10 E 4 S 10 W 10	4	M	Ivy smothering the base, trunk & through crown branchwork-suppressed to the east side-crown shape dictated by group pressures-low branching habit-small and large diameter deadwood through crown.	Sever the Ivy and allow to die off naturally. Remove deadwood that overhangs the access drive.	>40	A1
3	Purple Beech <i>Fagus sylvatica</i> 'Purpurea'	18	840	N 9 E 4 S 8 W 8	3	M	Ivy smothering the base, trunk & through crown branchwork-suppressed to the east side-crown shape dictated by group pressures-small and large diameter deadwood through crown	Sever the Ivy and allow to die off naturally	>40	A1
4	Hazel <i>Corylus avellana</i>	5	80 x4 50 x5	N 5 E 5 S 2.5 W 5	1	SM	Multi stemmed at ground level-low branching habit.	No works required at this time	>40	B1
5	Sweet Chestnut <i>Castanea sativa</i>	24	1650	N 10 E 8 S 8 W 6	6	OM	Large diameter suckers around base-cavities in old pruning wounds on trunk and in crown-dieback of branch tips noted-low crown density in places-storm damaged and dead limbs throughout.	No works required at this time	>40	A1
6	Pedunculate Oak <i>Quercus robur</i>	18	1100	N 8 E 8 S 8 W 8	4	M	Small and large diameter deadwood noted in crown.	No works required at this time	>40	A1
7	Holly <i>Ilex aquifolium</i>	8	170 x3 100 x2	N 5 E 3 S 2 W 5	0	M	Ivy smothering the base, trunk & through crown branchwork-multi stemmed at ground level and clump forming in habit.	Sever the Ivy and allow to die off naturally.	30-40	B1
8	Holly <i>Ilex aquifolium</i>	8	170 x5	N 3 E 4 S 1 W 5	0	M	Ivy smothering the base, trunk & through crown branchwork-multi stemmed at ground level and clump forming in habit.	Sever the Ivy and allow to die off naturally	30-40	B1

9	Sweet Chestnut <i>Castanea sativa</i>	12	1300	N 8 E 8 S 10 W8	1	OM	Suckers around basal area-cavities in old pruning wounds on trunk and within crown-storm damaged-deadwood throughout-stunted form due to pruning works-low branching habit.	No works required at this time	>40	B1
10	Pedunculate Oak <i>Quercus robur</i>	26	1150	N 5 E 14 S 13 W14	4	M	Multi stemmed at 5m-some dieback at branch tips-deadwood throughout-there was once a tree to the north side which has restricted the growth pattern of this trees crown.	Remove all deadwood for safety reasons	>40	A1
11	Pedunculate Oak <i>Quercus robur</i>	20	900	N 8 E 6 S 10 W8	3	M	Epicormics on trunk-deadwood throughout-storm damaged with stubs remaining-low branching habit.	Remove all deadwood for safety reasons	>40	A1
12	Pedunculate Oak <i>Quercus robur</i>	14	540	N 9 E 7 S 9 W9	2	EM	Small diameter deadwood noted-low branching habit to south side.	No works required at this time	>40	A1
13	Golden Ash <i>Fraxinus 'Jaspidea'</i>	10	320	N 3 E 3 S 3 W3	1	SM	Pigeon browsing damage noted-dieback in lower crown and epicormics being produced along branchwork all of which is typical of Ash Dieback Disease.	Fell and grub or grind out the stump.	<10	U
14	Lawson Cypress <i>Chamaecyparis Var.</i>	10	280	N 2.5 E 2.5 S 2.5 W2.5	0	Y	Low branching habit to the ground- good overall shape and form.	No works required at this time	>40	A1
15	Pedunculate Oak <i>Quercus robur</i>	13	660	N 10 E 10 S 10 W10	2	SM	Low branching habit.	No works required at this time	>40	A1
16	Sycamore <i>Acer pseudoplatanus</i>	4	800	N 3 E 8 S 3 W9	1.5	M	Large open cavity at ground level-dieback noted-previously heavily topped out-low branching habit-Rambling Rose has been allowed to clamber through the branchwork.	Remove all large deadwood and dieback but retain as a support for the Rose.	<10	U
Group 2	Cherry x 3 <i>Prunus avium</i> Ornamental Plum x 3 <i>Prunus cerasifera</i>	2.5 to 4	Av 180	N 2.5 E 2.5 S 2.5 W 2.5	1.5	SM	Suckers-poor quality trees overall-the propped Cherry is in terminal decline and U grade.	No works required at this time	10-20	C2
17	Katsura Tree <i>Cercidiphyllum japonicum</i>	15	280 250 200 x2 170 x2	N 3 E 7 S 8 W11	2	M	Dead Ivy stems clinging to trunks-multi stemmed at ground level-suppressed by Sweet Gum-small diameter deadwood.	No works required at this time	>40	A1

18	Sweet Gum <i>Liquidambar styraciflua</i>	20	500 500	N 9 E 10 S 6 W9	4	M	Bifurcated at ground level-small and large diameter deadwood present in crown-good shape and form overall.	No works required at this time	>40	A1
19	Lawson Cypress <i>Cham. Obtusa</i>	12	540	N 6 E 6 S 6 W6	2	M	Graft union clearly visible at ground level-recently crown lifted and also topped out-low crown density overall.	No works required at this time	30-40	B1
20	English Yew <i>Taxus baccata</i>	14	700 500	N 6 E 6 S 6 W6	1.5	M	Significant decay in open wounds on trunk where half of tree has failed and pulled out in the past-bifurcated at 1.5m-low crown density overall-storm damaged and deadwood throughout-low branching habit.	No works required at this time – but may have to top out in due course to retain in a safe condition.	>40	B1
21	Pedunculate Oak <i>Quercus robur</i>	28	1350	N 10 E 14 S 8 W16	6	M	Hard up against an outbuilding- bifurcated at 5m agl-deadwood throughout-crown lifted to clear power cables-has suffered a lightning strike in the past-lateral branches have been shortened in places.	Remove all deadwood for safety reasons	>40	A1

3.2 A Tree Root Protection Schedule has been prepared in accordance with BS5837:2012 recommendations (see Plans BJH 01 & 02 at [appendix BH2](#))

Tree No.	Tree Species	Category	Diameter mm	BS5837:2012 Table D1 Radial Protect. Zone m	BS5837:2012 Table D1 Root Protect. Area m ²
1	Pedunculate Oak <i>Quercus robur</i>	C1	400	4.8	72
Group 1	Holly <i>Ilex aquifolium</i> Portugal Laurel <i>Prunus lusitanica</i>	C2	130 90 x3	1.6	8
2	Pedunculate Oak <i>Quercus robur</i>	A1	720	8.6	235
3	Purple Beech <i>Fagus sylvatica</i> 'Purpurea'	A1	840	10.1	319
4	Hazel <i>Corylus avellana</i>	B1	80 x4 50 x5	2.3	17
5	Sweet Chestnut <i>Castanea sativa</i>	A1	1650	15.0	707
6	Pedunculate Oak <i>Quercus robur</i>	A1	1100	13.2	547
7	Holly <i>Ilex aquifolium</i>	B1	170 x3 100 x2	3.9	48
8	Holly <i>Ilex aquifolium</i>	B1	170 x5	4.6	65
9	Sweet Chestnut <i>Castanea sativa</i>	B1	1300	15.0	707
10	Pedunculate Oak <i>Quercus robur</i>	A1	1150	13.8	598
11	Pedunculate Oak <i>Quercus robur</i>	A1	900	10.8	366

12	Pedunculate Oak <i>Quercus robur</i>	A1	540	6.5	132
13	Golden Ash <i>Fraxinus 'Jaspidea'</i>	U	320	3.8	46
14	Lawson Cypress <i>Chamaecyparis Var.</i>	A1	280	3.4	35
15	Pedunculate Oak <i>Quercus robur</i>	A1	660	7.9	197
16	Sycamore <i>Acer pseudoplatanus</i>	U	800	9.6	290
Group 2	Cherry x 3 <i>Prunus avium</i> Ornamental Plum x 3 <i>Prunus cerasifera</i>	C2	Av 180	2.2	15
17	Katsura Tree <i>Cercidiphyllum japonicum</i>	A1	280 250 200 x2 170 x2	6.2	122
18	Sweet Gum <i>Liquidambar styraciflua</i>	A1	500 500	8.5	226
19	Lawson Cypress <i>Cham. Obtusa</i>	B1	540	6.5	132
20	English Yew <i>Taxus baccata</i>	B1	700 500	10.3	335
21	Pedunculate Oak <i>Quercus robur</i>	A1	1350	15.0	707

4.0 IMPACT ASSESSMENT & TREE PROTECTION MEASURES RECOMMENDED

4.1 The finalised planning layout drawing has been provided to me and an assessment made as to the viability of retaining trees as part of this layout in order that they meet the RPA requirements of BS5837 - the data is presented here in tabular format:-

Key: **NO-RSAM** = Remove for sound arboricultural management reasons **NO-RTFD** = Remove to facilitate development

YES = Yes can be retained and fully protected

YES (1) = Yes can be retained subject to mitigation measures being applied

Tree No	Species	Cat	Stem Diam mm	BS5837:2012 Radial Protection Area m	BS5837:2012 Table D1 Root Protect. Area m ²	Distance from Site Features (see key above)	Can Tree Be Retained
1	Pedunculate Oak <i>Quercus robur</i>	C1	400	4.8	72	3.8m to new gate post 4.8m to new granite setts	NO-RTFD
Group 1	Holly <i>Ilex aquifolium</i> Portugal Laurel <i>Prunus lusitanica</i>	C2	130 90 x3	1.6	8	0.5m to new gate post 1.6m to second new gate post 1.7m to new granite setts	NO-RTFD
2	Pedunculate Oak <i>Quercus robur</i>	A1	720	8.6	235	13.6m to new gate post 13.7m to new granite setts	YES
3	Purple Beech <i>Fagus sylvatica</i> 'Purpurea'	A1	840	10.1	319	20.8m to new gate post 21m to new granite setts	YES
4	Hazel <i>Corylus avellana</i>	B1	80 x4 50 x5	2.3	17	4m to new gate post	YES
5	Sweet Chestnut <i>Castanea sativa</i>	A1	1650	15.0	707	9.7m to new gate post 10m to new granite setts	YES (1)
6	Pedunculate Oak <i>Quercus robur</i>	A1	1100	13.2	547	7m to new gate post 7.8m to new granite setts	YES (1)
7	Holly <i>Ilex aquifolium</i>	B1	170 x3 100 x2	3.9	48	4m to new gate post 4.6m to new granite setts	YES
8	Holly <i>Ilex aquifolium</i>	B1	170 x5	4.6	65	10.6m to new gate post 10.7m to new granite setts	YES

Tree No	Species	Cat	Stem Diam mm	BS5837:2012 Radial Protection Area m	BS5837:2012 Table D1 Root Protect. Area m ²	Distance from Site Features (see key above)	Can Tree Be Retained
9	Sweet Chestnut <i>Castanea sativa</i>	B1	1300	15.0	707	22m to new gate post 22.2m to new granite setts	YES
10	Pedunculate Oak <i>Quercus robur</i>	A1	1150	13.8	598	13.8m to new gate post 14m to new granite setts	YES
11	Pedunculate Oak <i>Quercus robur</i>	A1	900	10.8	366	8.3m to new gate post 9m to new granite setts	YES (1)
12	Pedunculate Oak <i>Quercus robur</i>	A1	540	6.5	132	20m + to new gate post	YES
13	Golden Ash <i>Fraxinus 'Jaspidea'</i>	U	320	3.8	46	20m + to new gate post	YES
14	Lawson Cypress <i>Chamaecyparis</i> Var.	A1	280	3.4	35	20m + to new gate post	YES
15	Pedunculate Oak <i>Quercus robur</i>	A1	660	7.9	197	20m + to new gate post	YES
16	Sycamore <i>Acer pseudoplatanus</i>	U	800	9.6	290	20m + to new gate post	YES
Group 2	Cherry x 3 <i>Prunus avium</i> Ornamental Plum x 3 <i>Prunus cerasifera</i>	C2	Av 180	2.2	15	20m + to new gate post	YES
17	Katsura Tree <i>Cercidiphyllum japonicum</i>	A1	280 250 200 x2 170 x2	6.2	122	20m + to new gate post	YES
18	Sweet Gum <i>Liquidambar styraciflua</i>	A1	500 500	8.5	226	20m + to new gate post	YES

Tree No	Species	Cat	Stem Diam mm	BS5837:2012 Radial Protection Area m	BS5837:2012 Table D1 Root Protect. Area m ²	Distance from Site Features (see key above)	Can Tree Be Retained
19	Lawson Cypress <i>Cham. Obtusa</i>	B1	540	6.5	132	13.2m to new gate post 13.2m to new granite setts	YES
20	English Yew <i>Taxus baccata</i>	B1	700 500	10.3	335	13.6m to new gate post 13.6m to new granite setts	YES
21	Pedunculate Oak <i>Quercus robur</i>	A1	1350	15.0	707	20m + to new gate post	YES

- 4.2 As noted above there will be two potential tree losses caused by the re-development of this site as proposed. These are **T1** and **Grp 1** which are very poor quality trees of low grading and have a minimal impact in the landscape. They need not however be completely lost as they are of plant species that will regrow from cut stumps, so the plan is to coppice Grp 1 at ground level and monolith T1.
- 4.3 **T5; T6 and T11** have an RPZ overlap of the proposed redevelopment and therefore mitigation measures will need to be applied to ensure that they survive the development without detriment to their health and vitality.
- 4.4 All of the other surveyed trees listed above can be adequately protected behind Protective Fencing erected as shown on the **Tree Protection Plan BJH 03/04 at appendix BH3** – ‘Fit For Purpose’ in line with BS5837:2012 Section 6.0 recommendations.

5.0 RECOMMENDED TREE WORKS

No	Species	Tree Works Recommended
1	Pedunculate Oak <i>Quercus robur</i>	Prune down to leave a trunk and stunted scaffold limbs only i.e. monolith.
Group 1	Holly Portugal Laurel	- Coppice at ground level. - Stack all cut wood and arisings in a conservation/habitat pile within the Copse.
2	Pedunculate Oak <i>Quercus robur</i>	- Sever the Ivy and allow to die off naturally. - Remove deadwood that overhangs the access drive.
3	Purple Beech <i>Fagus sylvatica</i> <i>'Purpurea'</i>	Sever the Ivy and allow to die off naturally
4	Hazel <i>Corylus avellana</i>	No works required at this time
5	Sweet Chestnut <i>Castanea sativa</i>	No works required at this time
6	Pedunculate Oak <i>Quercus robur</i>	No works required at this time
7	Holly <i>Ilex aquifolium</i>	Sever the Ivy and allow to die off naturally.
8	Holly <i>Ilex aquifolium</i>	Sever the Ivy and allow to die off naturally.
9	Sweet Chestnut <i>Castanea sativa</i>	No works required at this time
10	Pedunculate Oak <i>Quercus robur</i>	Remove all deadwood for safety reasons
11	Pedunculate Oak <i>Quercus robur</i>	Remove all deadwood for safety reasons
12	Pedunculate Oak <i>Quercus robur</i>	No works required at this time

13	Golden Ash <i>Fraxinus 'Jaspidea'</i>	Fell and grub or grind out the stump.
14	Lawson Cypress <i>Chamaecyparis Var.</i>	No works required at this time
15	Pedunculate Oak <i>Quercus robur</i>	No works required at this time
16	Sycamore <i>Acer pseudoplatanus</i>	Remove all large deadwood and dieback but retain as a support for the Rose.
Group 2	Cherry x 3 Ornamental Plum x 3	No works required at this time
17	Katsura Tree <i>Cercidiphyllum japonicum</i>	No works required at this time
18	Sweet Gum <i>Liquidambar styraciflua</i>	No works required at this time
19	Lawson Cypress <i>Cham. Obtusa</i>	No works required at this time
20	English Yew <i>Taxus baccata</i>	No works required at this time – but may have to top out in due course to retain in a safe condition.
21	Pedunculate Oak <i>Quercus robur</i>	Remove all deadwood for safety reasons

6.0 METHOD STATEMENT

Generic Measures

- 6.1 All of the recommended tree works should ideally be undertaken by an approved and experienced tree contractor prior to any construction contractors commencing works on site.
- 6.2 Erect the protective fencing as specified and shown on the **Tree Protection Plan BJH03/04** at [appendix BH3](#). Barriers are to be 'Fit For Purpose' to exclude construction activity and must be maintained to ensure that they remain rigid and complete and in the original setting out positions. These checks will need to be incorporated into a schedule of site monitoring visits to be agreed with the clients subject to phased development operations and subsequently copies of these site visit reports will need to be copied in to the Council.
- 6.3 The following prohibitions shall apply within the area enclosed by the Tree Protection Fencing [**Construction Exclusion Zone**]:-
- **No** mechanical digging or scraping once the initial ground cover vegetation has been cleared and the site fenced off.
 - **No** storage of plant, equipment or materials
 - **No** vehicular or plant access
 - **No** fire lighting
 - **No** handling, discharge or spillage of any chemical substance, including cement washings
 - **No** action likely to cause localised water-logging
 - **No** change in ground levels
- 6.4 All site works storage areas and compounds/welfare units/toilet blocks and any mixing areas are to be located over impervious surfaces or over special catchment areas such that any leakage will be captured and cannot leak into the soil causing contamination.
- 6.5 The full details of the proposed utility service links have not been made available to me at this time but it is most likely that these will be tied in to existing pipework without the need to excavate new service trenches. However, if this situation changes and in the event that there is any conflict with a retained trees RPZ then a separate Mini Method Statement would need to be submitted to cover this work.

Site Specific Measures

6.6 T1 Oak & Grp 1 Holly/Laurel

- In order that the gate erection works can proceed unhindered these trees will be left as a monolith and coppice respectively.
- This will reduce the stress on these plants which can then regrow on completion of said works.

6.7 T5 Sweet Chestnut & T6 Oak

- All excavation works required to install gate posts and lay granite setts will need to be done by 'Hand Digging' using hand operated tools ONLY.
- Much of this area is disturbed ground with existing ditches; gulleys and service links which have been laid and maintained in the past however, hand digging will minimise the impact on tree roots.

6.8 T11 Oak

- All excavation works required to install gate posts and lay granite setts will need to be done by 'Hand Digging' using hand operated tools ONLY.

7.0 SITE MONITORING & SUPERVISION

- 7.1 A Pre-commencement site meeting is to be scheduled to take place between the development teams arboricultural consultant and the site manager and client representative where the protective fencing and any necessary ground protection measures will be inspected to verify that they are 'Fit For Purpose' as shown on the **Tree Protection Plan** [at appendix BH3](#).
- 7.2 There should then be no further requirement for site monitoring visits on this project.
- 7.3 Lines of communication will be established with the Site Manager and a contact sheet prepared so that in the event that an incident occurs involving the retained trees that requires urgent advice and guidance from the project Arboricultural Expert this can be easily organised.

7.4 This is an example of the format for the **Site Monitoring Schedule** that would be prepared. :-

Schedule Of Site Monitoring & Supervision for – Nether Walstead, East Mascalls Lane, Lindfield

- In accordance with the Arboricultural Method Statement Report - 1386.bjh.Dec24 & Tree Protection Plan - BJH 03/04

Date of Inspection	Item	In Attendance	Notes/Observations From Inspection	Details Of Any Follow Up Action Required
tba	Pre-Commencement Tree Protection Checks	Site Construction Manager and the Project Tree Consultant	The tree protection measures were examined and it is confirmed that they are 'Fit For Purpose' and meet with BS5837:2012 recommendations.	

8.0 CONCLUSIONS

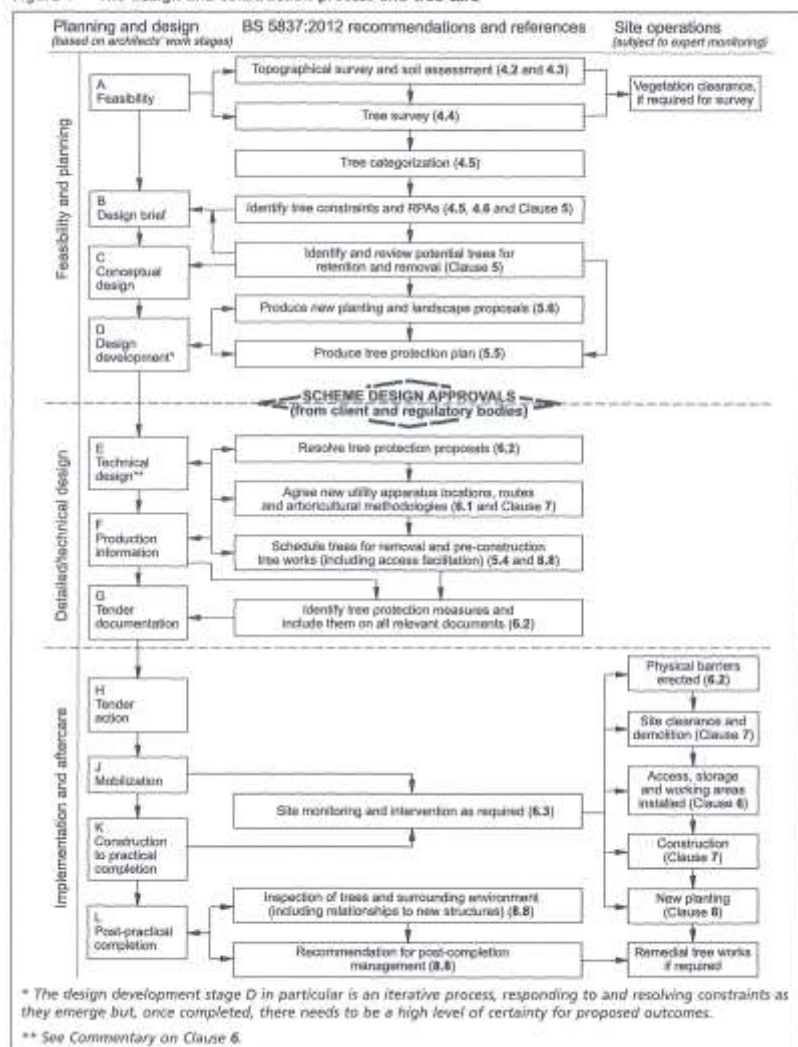
- The development work proposed will result in two trees **T1 Oak and Grp 1 Holly/Laurel** having to be cut as a monolith and a coppice respectively in order that they might survive the works and then regrow on completion.
- **T5 Sweet Chestnut; T6 Oak and T11 Oak** have an RPZ overlap of the redevelopment zone and therefore mitigation measures will need to be applied to ensure that they survive the development without detriment to their health and vitality.
- All remaining surveyed tree can be fully protected in accordance with BS5837:2012 recommendations.
- Provided that the methodology set out in this Method Statement is strictly adhered to in a carefully considered and phased and supervised manner then I would not foresee any detrimental impact taking place that might undermine the ongoing health and stability or visual amenity value of those trees shown for retention.



BH 1

Figure 1 - Flow Diagram
& Tree Survey Notes

Figure 1 The design and construction process and tree care



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 (**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 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.

Table 1 – Cascade chart for tree quality assessment

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



BH 2

Tree Survey & Root Protection Plans

BJH 01/02

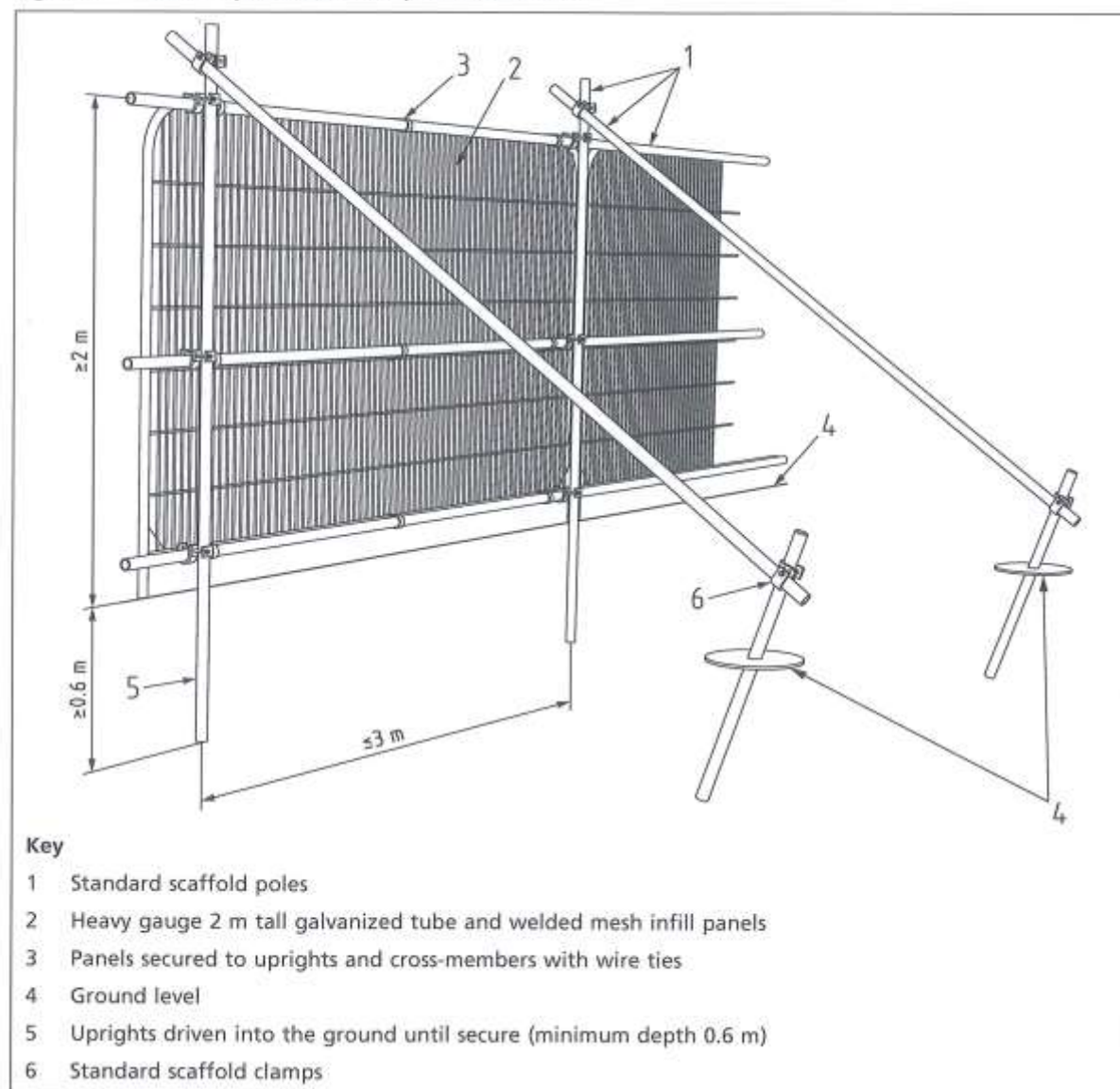


BH 3

Tree Protection Plan BJH 03/04

+ BS5837:2012 – Figure 2

Figure 2 Default specification for protective barrier





BH 4

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 : –

10 Southleigh Grove, Hayling Island, Hampshire PO11 0SH

- I hold the following arboricultural qualification – **National Diploma in Arboriculture (Royal Forestry Society – 1976)**
- I have **fifty-four (54)** 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 Surgeons and twelve years with CBA Trees as Managing Director & Senior 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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