



1386.bjh.Oct25



ARBORICULTURAL METHOD STATEMENT

**Nether Walstead, East Mascalls Lane, Lindfield
Main House & Pool Environs-**

- 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 provide an extension to the main house along with detached garages and associated driveway access and also construct a pool house.
- 1.3 There are on site trees of various species which will need to be respected and catered for throughout 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 **Goerge & James Architects** :-

- **Proposed Site Layout Plan – 526_A-003 - 1:200 @ A3 – Oct 25**
- **Proposed Site Layout Plan – 526_A-004 – Rev.A - 1:200 @ A3 – 14.10.2025**

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 originally visited the site on **11th October 2024** and again on **13th May 2025** to undertake a tree survey exercise and updates in accordance with BS5837:2012 recommendations (see also the explanatory tree survey notes [at appendix BH1](#)).

11.10.24

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	B1
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 W5	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. 13.05.25 – The U graded Cherry has been removed.	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

13.05.25

Tree No.	Species	Ht m	Diam mm	Brch Sprd m	GC m	LS	Comments	Preliminary Management Recommendations	Rem Con yrs	Cat
Group 3	Sycamores x 4 of <i>Acer pseudoplatanus</i>	2.2	250 to 660	N 8 E 8 S 8 W8	4	SM to EM	Self sown trees-crown lifted to 6m next to the building line-understorey layer of Holly and Laurels.	No works required at this time	>40	B2
22	Sycamore <i>Acer pseudoplatanus</i>	28	850	N 8 E 8 S 8 W8	4	M	Patches of dieback and dead bark on main trunk-patches are delaminating (unknown cause)-dieback through crown-low crown density and small leaf size-probably a fungal pathogen acting on the root system.	Have this tree monitored on an annual basis for both health and safety reasons	30-40	B1
Group 4	Sycamores <i>Acer pseudoplatanus</i>	22	250 to 850	N 8 E 8 S 8 W8	4	EM to M	Self sown trees-black slime flux ooze patches on some trees-Laurel and Yew understorey layer.	Have this tree monitored on an annual basis for both health and safety reasons	>40	B2

23	Pedunculate Oak <i>Quercus robur</i>	22	1200	N 6 E 5 S 9 W4	6	M	Significant root buttressing above ground-significant dieback in crown at branch tips-small and large diameter deadwood throughout-previously tidied up and reduced and reshaped to remove the dieback but further dieback has taken place-low crown density and small leaf size.	Have this tree monitored on an annual basis for both health and safety reasons	>40	B1
24	Sycamores <i>Acer pseudoplatanus</i>	22	430 x 2	N 6 E 2 S 8 W8	2	M	Multi stemmed at ground level- tight forks with included bark-Cables through crown-has recently had a main trunk removed from the east side-has the same signs of black slime flux ooze as the Group 4 trees.	Have this tree monitored on an annual basis for both health and safety reasons	30-40	C1
25	Ash <i>Fraxinus excelsior</i>	22	580	N 8 E 8 S 8 W4	2	M	Significant dieback resulting from Ash Dieback infection-small deadwood throughout-low crown density and low vigour and vitality-very small leaf size	Have this tree monitored on an annual basis for both health and safety reasons	<10	U
26	Scots Pine <i>Pinus sylvestris</i>	22	540	N 5 E 8 S 1 W4	10	M	Crown shape dictated by group pressures-storm damaged and broken branches and stubs on south side-previously suppressed and dominated by a Sycamore that has recently been removed on safety grounds.	Have this tree monitored on an annual basis for both health and safety reasons	30-40	B1
Group 5	Irish Yews x 6 of <i>Taxus baccata</i> 'Fastigiata'	4.5	Av 70 x10	N 1.5 E 1.5 S 1.5 W1.5	0	EM	Have recently had the Brambles removed and the crowns are in a state of recovery-they have been pruned into a basic natural shape by the tree surgeons-two of the line are showing low vigour and vitality.	Have this group of trees monitored on an annual basis for both health and safety reasons	>40	B2
27	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	9	Av 70 x10	N 2 E 2 S 2 W2	0	M	Dieback noted and parts of the crown are breaking out of the otherwise tight form-poor quality tree overall.	No works required at this time	10-20	C1
28	Strawberry Dogwood <i>Cornus kousa</i>	8	280 200 75	N 7 E 1 S 7 W8	1.5	M	Multi stemmed at ground level- a large tree despite being suppressed and forced to grow out to the west side above the drive-low branching habit-would benefit greatly from the removal of tree 29.	No works required at this time	>40	A1
29	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	13	280 x2	N 2.5 E 2.5 S 2.5 W2.5	1.5	SM	Multi stemmed at ground level-suppressing and dominating tree 28.	Advise the removal of this tree to benefit the growth of tree 28 which is the better plant	10-20	C1
30	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	9	200 x3 170	N 2.5 E 2.5 S 2.5 W2.5	1.5	SM	Multi stemmed at ground level-open splayed habit-two trunks arching down to the ground-poor quality tree overall.	No works required at this time	10-20	C1
Group 6	English Yews x 2 of <i>Taxus baccata</i>	7	350 & 400 360	N 6 E 6 S 6 W6	2	SM	Suppressed by the dominant Oaks.	No works required at this time	>40	B2

Group 7	Pedunculate Oak x 2 of <i>Quercus robur</i>	28	800 & 840	N 5 E 8 S 8 W8	2	M	Crown shapes dictated by the dominant Oak tree 21 beside them-merged crowns-large diameter deadwood in crowns.	Remove all deadwood for safety reasons	>40	A2
Group 8	Indian Bean Tree x 4 of <i>Catalpa bignonioides</i>	10	730 & 510 & 220 & 470	N 13 E 8 S 8 W8	2	M	Roots exposed and mower damaged-northernmost two trees have Rootplate lifted but resettled-significant lean and crown weighting to the north from the northernmost tree of the line-decay and cavities in the two end trees-crown shapes dictated by group pressures-low branching habit overall.	Advise reduction and reshaping of the end tree closest to the house and also insert an engineer designed steel prop to support the main trunk. Also either raise the soil levels and re-seed or lay turf over the exposed roots.	30-40	B2
Group 9	Himalayan Birch x 3 of <i>Betula jacquemontii</i>	16	Av 330	N 6 E 6 S 6 W6	1.5	EM	One tree has failed due to decay and was removed leaving three remaining trees in the grouping-crown shapes dictated by group pressures with merged crowns.	Have this group of trees monitored on an annual basis for both health and safety reasons	>40	A2
31	Grey Poplar <i>Populus canescens</i>	24	650	N 9 E 9 S 9 W9	1.5	M	Roots exposed and mower damaged-multi stemmed at 3m-small diameter deadwood throughout-previously reduced and reshaped-low branching habit.	Either raise the soil levels and re-seed or lay turf over the exposed roots.	>40	A1
32	Grey Poplar <i>Populus canescens</i>	20	680	N 9 E 9 S 9 W9	2	M	Roots exposed and mower damaged- small diameter deadwood throughout-previously reduced and reshaped-low branching habit.	Either raise the soil levels and re-seed or lay turf over the exposed roots.	>40	B1
Group 10	Rhodo's Catalpa Purple Beech Japanese Maples Weeping Pear	3	Av 50 x15	N 3 E 3 S 3 W3	1	Y to SM	Low branching habit overall-has some nice young specimen trees developing within the grouping.	No works required at this time	>40	A2
33	Pedunculate Oak <i>Quercus robur</i>	22	1170	N 15 E 13 S 15 W16	2	M	Has been crown cleaned-low branching habit-excellent specimen tree.	No works required at this time	>40	A1
34	Pedunculate Oak <i>Quercus robur</i>	24	920	N 10 E 8 S 13 W8	3	M	Suppressed by Tree 33-has been crown cleaned-a good tree.	No works required at this time	>40	B1

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

11.10.24

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>	B1	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

13.05.25

Tree No	Tree Species	Cat	Diam mm	BS5837:2012 Table1 Radial Protection Zone m	BS5837:2012 Table D1 Polygon Area m ²
Group 3	Sycamores x 4 of <i>Acer pseudoplatanus</i>	B2	250 to 660	3.0 7.8	28 191
22	Sycamore <i>Acer pseudoplatanus</i>	B1	850	10.2	327
Group 4	Sycamores <i>Acer pseudoplatanus</i>	B2	250 to 850	3.0 9.0	28 255
23	Pedunculate Oak <i>Quercus robur</i>	B1	1200	14.4	652
24	Sycamores <i>Acer pseudoplatanus</i>	C1	430 x 2	7.3	167
25	Ash <i>Fraxinus excelsior</i>	U	580	7.0	152
26	Scots Pine <i>Pinus sylvestris</i>	B1	540	6.5	132
Group 5	Irish Yews x 6 of <i>Taxus baccata</i> 'Fastigiata'	B2	Av 70 x10	2.7	22
27	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	C1	Av 70 x10	2.7	22
28	Strawberry Dogwood <i>Cornus kousa</i>	A1	280 200 75	4.2	55
29	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	C1	280 x2	4.8	71
30	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	C1	200 x3 170	4.6	67

Group 6	English Yews x 2 of <i>Taxus baccata</i>	B2	350 & 400 360	4.2 6.5	55 131
Group 7	Pedunculate Oak x 2 of <i>Quercus robur</i>	A2	800 & 840	9.6 10.1	290 319
Group 8	Indian Bean Tree x 4 of <i>Catalpa bignonioides</i>	B2	730 & 510 & 220 & 470	8.8 6.1 2.6 5.6	241 118 22 100
Group 9	Himalayan Birch x 3 of <i>Betula jacquemontii</i>	A2	Av 330	4.0	49
31	Grey Poplar <i>Populus canescens</i>	A1	650	7.8	191
32	Grey Poplar <i>Populus canescens</i>	B1	680	8.2	209
Group 10	Rhodo's Catalpa Purple Beech Japanese Maples Weeping Pear	A2	Av 50 x15	2.3	17
33	Pedunculate Oak <i>Quercus robur</i>	A1	1170	14.0	619
34	Pedunculate Oak <i>Quercus robur</i>	B1	920	11.0	383

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

N.B. – Only a selection of the trees that were surveyed are potentially impacted by the current redevelopment proposals.

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
17	Katsura Tree <i>Cercidiphyllum japonicum</i>	A1	280 250 200 x2 170 x2	6.2	122	6.2m to new driveway access to garages 9.7m to new footpath link 11.8m to new garages	YES
18	Sweet Gum <i>Liquidambar styraciflua</i>	A1	500 500	8.5	226	7.8m to new driveway access to garages 8.5m to new footpath link 10.6m to new garages	YES (1)
20	English Yew <i>Taxus baccata</i>	B1	700 500	10.3	335	1.8m to new driveway access to garages 7.6m to new garages	YES (1)
21	Pedunculate Oak <i>Quercus robur</i>	A1	1350	15.0	707	15m to new extension	YES
Group 5	Irish Yews x 6 of <i>Taxus baccata</i> 'Fastigiata'	B2	Av 70 x10	2.7	22	Under Footprint of new garages/footpath link	NO-RTFD
27	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	C1	Av 70 x10	2.7	22	1.2m to new driveway access to garages	YES (1)

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
28	Strawberry Dogwood <i>Cornus kousa</i>	A1	280 200 75	4.2	55	5.5m to new extension	YES
29	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	C1	280 x2	4.8	71	6.5m to new extension	YES
30	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	C1	200 x3 170	4.6	67	2m to new extension	NO-RTFD
Group 6	English Yews x 2 of <i>Taxus baccata</i>	B2	350 & 400 360	4.2 6.5	55 131	7.4m at closest point to new extension	YES
Group 8	Indian Bean Tree x 4 of <i>Catalpa bignonioides</i>	B2	730 & 510 & 220 & 470	8.8 6.1 2.6 5.6	241 118 22 100	10.6m at closest point to new extension	YES
Group 9	Himalayan Birch x 3 of <i>Betula jacquemontii</i>	A2	Av 330	4.0	49	8.5m at closest point to new pool house	YES
31	Grey Poplar <i>Populus canescens</i>	A1	650	7.8	191	15m+ to new pool house	YES
32	Grey Poplar <i>Populus canescens</i>	B1	680	8.2	209	3.2m to new pool house	YES (1)

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
Group 10	Rhodo's Catalpa Purple Beech Japanese Maples Weeping Pear	A2	Av 50 x15	2.3	17	20m+ to new pool house	YES
33	Pedunculate Oak <i>Quercus robur</i>	A1	1170	14.0	619	10m to existing swimming pool 20m+ to new pool house	YES

4.2 SUMMARY

	YES	YES (1)	NO-RTFD	NO-RSAM
	Can be retained and fully protected in accordance with BS5837 recommendations - see Tree Protection Plan BJH.03/04 at appendix BH3	Can be retained and protected in accordance with BS5837 recommendations (see Tree Protection Plan BJH.03/04 at appendix BH3) - subject to adherence to the methodology prescribed in this report – see Section 6 for full details.	Recommended for removal in order to facilitate development proposals	Recommended for removal on sound arboricultural management grounds [health and safety grounds] regardless of any redevelopment proposals
A	17 Katsura Tree; 21 Oak; 28 Dogwood; Grp 9 Birches; 31 Poplar; Grp10 Misc & 33 Oak	18 Sweet Gum	-	-
B	Grp 6 Yews & Grp 8 Bean Trees	20 Yew & 32 Poplar	Grp 5 Yews	-
C	29 Cypress	27 Cypress	30 Cypress	-
U	-	-	-	-

5.0 RECOMMENDED TREE WORKS

No	Species	Tree Works Recommended
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
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
Group 5	Irish Yews x 6 of <i>Taxus baccata</i> 'Fastigiata'	- Fell to ground level. - Grub out the stumps and root runs
27	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	No works required at this time
28	Strawberry Dogwood <i>Cornus kousa</i>	No works required at this time
29	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	Advise the removal of this tree to benefit the growth of tree 28 which is the better plant
30	Lawsons Cypress (Var) <i>Chamaecyparis lawsoniana</i>	- Fell to ground level. - Grub out the stumps and root runs
Group 6	English Yews x 2 of <i>Taxus baccata</i>	No works required at this time

Group 8	Indian Bean Tree <i>x 4 of</i> <i>Catalpa bignonioides</i>	• Advise reduction and reshaping of the end tree closest to the house and also insert an engineer designed steel prop to support the main trunk. • Also either raise the soil levels and re-seed or lay turf over the exposed roots.
Group 9	Himalayan Birch <i>x 3 of</i> <i>Betula jacquemontii</i>	• Have this group of trees monitored on an annual basis for both health and safety reasons
31	Grey Poplar <i>Populus canescens</i>	• Either raise the soil levels and re-seed or lay turf over the exposed roots.
32	Grey Poplar <i>Populus canescens</i>	• Either raise the soil levels and re-seed or lay turf over the exposed roots.
Group 10	Rhodo's Catalpa Purple Beech Japanese Maples Weeping Pear	• No works required at this time
33	Pedunculate Oak <i>Quercus robur</i>	• No works required at this time

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 lay ground protection as 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 Garage Block

- Insert Screw Piles for the three open bays in compliance with a Structural Engineers recommendations with machinery working over protected ground at all times.
- Either then construct a reinforced concrete raft directly bearing onto the pile heads at ground level or have wooden timber supports bolted to the pile heads and infill the internal sections with a reinforced polymer grid and washed small aggregate with no fines.
- See examples of porous surfacing treatments [at appendix BH3](#).

6.7 Driveway Access to Garage Block

- After carefully scraping off [N.B. By Hand unless an `appropriate ground protection layer has been laid over which machinery can safely operate] the existing grass and sundry paths and surfacing to a maximum depth of 100mm lay a porous wearing course.
- This could be a geotextile membrane over which is secured a polymer grid system infilled with washed small aggregate with no fines.
- See examples [at appendix BH3](#) along with a specification for Ground Protection measures.

6.8 House Extension

- Lay ground protection around the proposed foundations footprint in accordance with BS5837:2012 – Section 6.2.3.3 recommendations - [at appendix BH3](#).
- This will allow for scaffolding erection and pedestrian access whilst protecting the ground within the RPZ of T21 Oak.

6.9 Pool House

- Lay ground protection surrounding the footprint of the new Pool house which will allow for only pedestrian access.
- Insert Screw Piles in compliance with a Structural Engineers recommendations.
- Lay a reinforced concrete raft directly bearing onto the pile heads at ground level.
- See examples [at appendix BH3](#).

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 may be further requirement for site monitoring visits on this project when the piling works are being carried out.
- 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.Oct25 & 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.	
tba	Piling Works for Garage Block and Pool House	Site Construction Manager and the Project Tree Consultant		

8.0 CONCLUSIONS

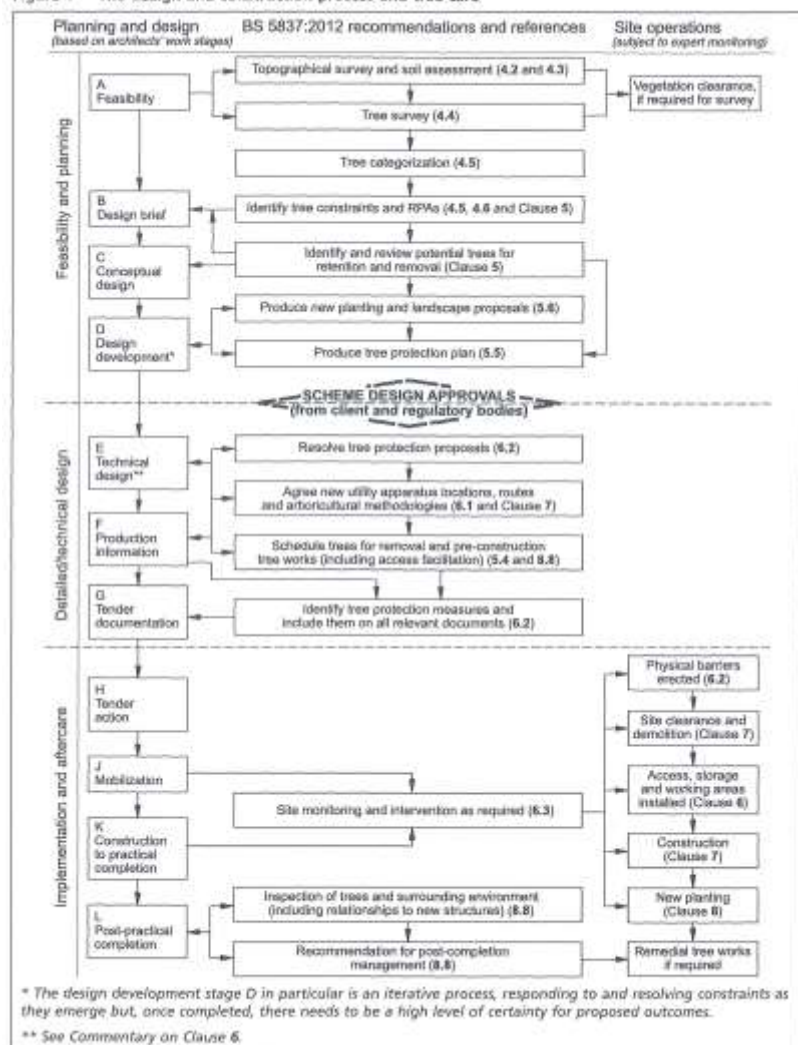
- The development work proposed will result in the loss of **Grp 5 Irish Yews and T30 Cypress** but their loss can readily be mitigated by new tree planting undertaken as part of the overall landscape Master Plan proposals for this project.
- One further tree **T29 Cypress** is recommended for removal regardless of any redevelopment proposals to benefit the growth of **T28 Dogwood**.
- Trees **27 Cypress & 20 Yew** have an RPZ overlap of the driveway and garage block and detailed mitigation measures have been recommended within this report to ensure that they survive development in a safe and healthy condition.
- In addition to this tree **21 Oak** has an RPZ which immediately abuts the proposed new house extension and detailed mitigation measures have been recommended within this report to ensure that this tree survives development in a safe and healthy condition.
- 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 :- **■** (dark red); **■** (light green); **■** (mid-blue) and **■** (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

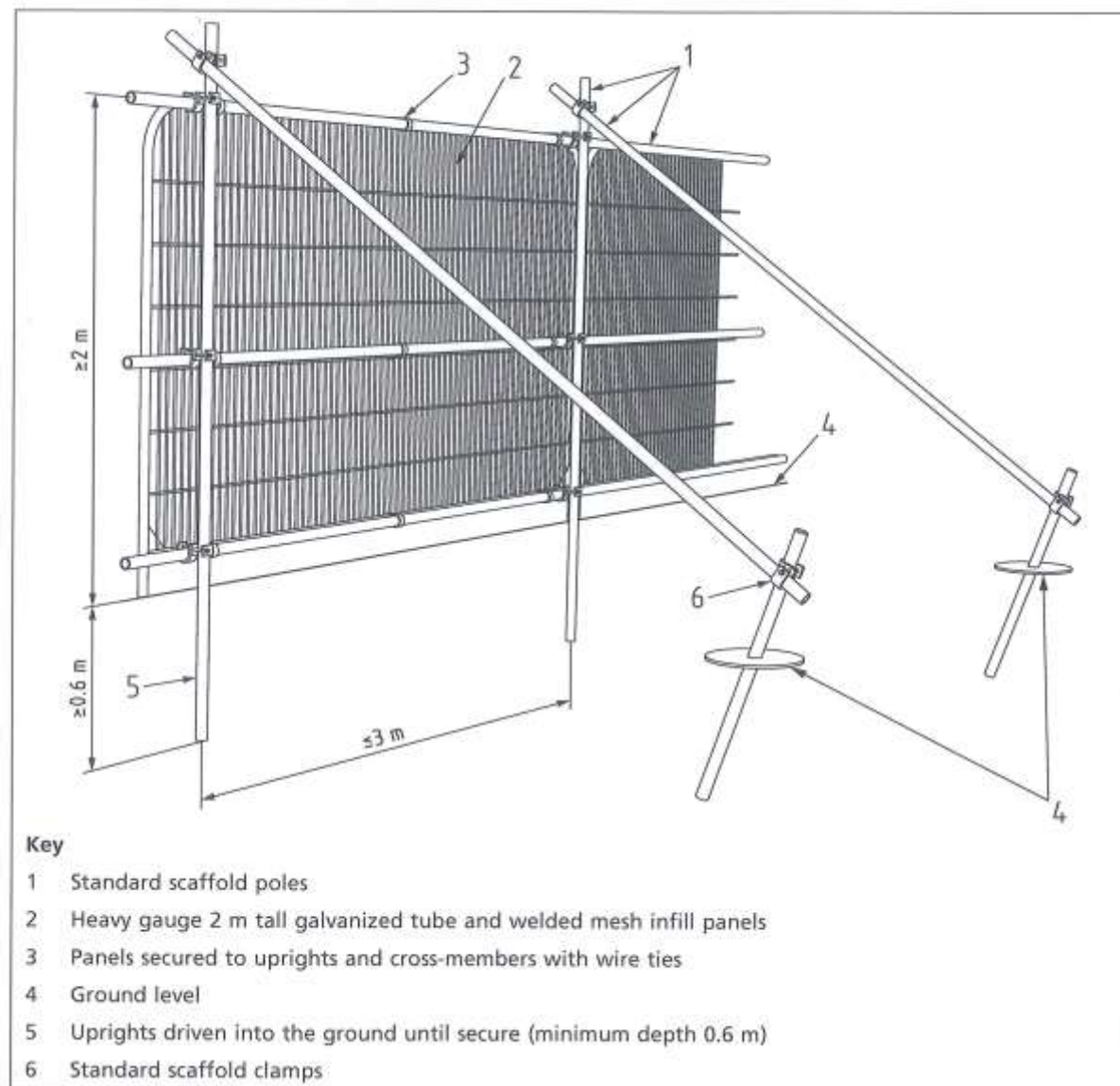


BH 3

Tree Protection Plan BJH 03/04

- + BS5837:2012 – Figure 2
- + BS5837:2012 – Section 6.2.3.3
- + ‘No Dig’ Examples of Driveway Surfacing
- + Example of Screw Piling Installation

Figure 2 Default specification for protective barrier



BS5837:2012 – Section 6.2.3.3 - New temporary ground protection should be capable of supporting any traffic entering or using the site without being distorted or causing compaction of underlying soil.

Note The ground protection might comprise one of the following:

- a) for pedestrian movements only, a single thickness of scaffold boards placed either on top of a driven scaffold frame, so as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100mm depth of woodchip), laid onto a geotextile membrane;*
- b) for pedestrian –operated plant up to a gross weight of 2t, proprietary, inter-linked ground protection boards placed on top of a compression-resistant layer (e.g. 150mm depth of woodchip), laid onto a geotextile membrane;*
- c) for wheeled or tracked construction traffic exceeding 2t gross weight, an alternative system (e.g. proprietary systems or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction with arboricultural advice, to accommodate the likely loading to which it will be subjected.*



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-five (55)** 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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