



NOTES

- This survey information has been prepared for planning purposes only. Additional detail will be needed for foundation design.
- The original of this drawing was produced in colour - a monochrome copy should not be relied upon.
- Scale for planning purposes only.
- All dimensions to be checked on site.
- The copyright of this document resides with keen consultants unless assigned in writing by the company.
- Details shown on this drawing are devised with reference to BS5837:2012: Trees in relation to design, demolition and construction Recommendations.
- Check if Tree Preservation Order or Conservation Area protection applies to trees before undertaking tree works.
- Topographical survey based on Maltby Surveys Ltd drawing number 21/355.
- Where trees were not identified on the topographical survey they have been plotted by eye.
- Proposed layout based on dha architecture Ltd Presentation Planning Layout reference 062009-BEL-SL-01 Rev E.

KEY

- Existing site features
- Proposed layout
- Trees retained (Green-coloured line indicates extent of canopy)
- Root Protection Area (RPA) (where RPAs overlap the shading will appear darker)
- Trees for removal (Red-coloured dash line indicates extent of canopy)
- 2.0m high barrier as detail in Figure 1
- Minimum extent of no-dig construction. Actual deployment may be greater. As detail in Figure 3

G	Latest layout overlay	07.03.25
F	Latest drainage strategy overlay	31.07.24
E	Tree removal updated	06.06.24
D	Drainage strategy overlay	04.06.24
C	Root protection area shown	01.02.24
B	Latest layout overlay	26.01.23
A	Latest layout overlay	12.12.22
O	Preliminary issue	06.12.22

Rev	Description	Date
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Client

BELLWAY HOMES LIMITED

Project

LAND WEST OF ASHINGTON CE PRIMARY SCHOOL,
ASHINGTON

Title

TREE PROTECTION PLAN

Date	Scale
DEC 2022	1:1250@A1

Drawn by	Checked by
ML	JTK

Drawing Number

1780-KC-XX-YTREE-TPP01RevG

Column Heading	Explanation
Tree No.	Unique number corresponding with number on plan
Species	English names
Ht (m)	Height in metres
Branch Spread	Crown radius in metres to cardinal points of the compass
Stem Dia	All measurements conform to Annex C of BS 5837:2012
	Single stem - Stem diameter in centimetres measured at 1.5m above ground level
	Multi-stemmed tree with 2 to 5 stems - Diameter of each stem
	Multi-stemmed tree with more than 5 stems - Average stem diameter and number of stems
Height of crown clearance	Height in metres between the ground and underside of canopy
Height of first major branch and direction of growth	Height from ground level to base of first major branch and the approximate direction of growth
Aberrations as affects to a dimension	Suffix 'x' denotes an estimated dimension
Age Class	Suffix 'a' denotes an average dimension
	Age Class definitions: Y - Young, S - Semi-mature, E - Early mature, M - Mature, O - Over mature
Category grading and Estimated remaining Contribution (m)	Summary of BS 5837:2012 categorisation: 1 - Trees unsuitable for retention 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 2 - Trees to be considered for retention A1, 2 or 3 - Trees of high quality (statistical contribution >40 yrs) B1, 2 or 3 - Trees of moderate quality (statistical contribution >20 yrs) C1, 2 or 3 - Trees of low quality (but adequate, >10 yrs or young trees - until new planting can be established)
Estimated remaining contribution	Note: Useful estimated remaining contribution of the tree group based on figures stated in BS5837:2012
Condition	Notes: Useful estimated remaining contribution of the tree group based on figures stated in BS5837:2012
Tree Works	Works required to be undertaken to the trees to facilitate the construction of remedial or defect encountered during the survey
Root Protection Radius	Radius of minimum root protection area in metres calculated from section 6.6 and Annex D of BS5837:2012
Root Protection Area	Total area of minimum root protection area extrapolated from root protection radius

Schedule of trees on land west of Ashington CE Primary School, Ashington																							
Tree No.	Species	Ht (m)	Branch Spread (m)				Single Stem	Stem diameters (cm)					More than 5 stems	Height of first branch (above ground point)	Age class	Category grading	Condition	Physiological / Structural	Tree works to BS5998	Root protection radius (m)	protection area		
			N	E	S	W		Stem 1	Stem 2	Stem 3	Stem 4	Stem 5											
1	Row of Leyland cypresses	6m		1m			10m							0	S	B2	>20	Established hedgehog alongside driveway	Remove	1.20	9		
2	Iris yew	6	3	4	3	3							10	6	2	2H	S	B2	>20	Form part of the typical plantings within the churchyard		2.94	27
3	English oak	19	10	10	10	11	124								55	M	A1	>40	Visually significant tree within churchyard	Numerous wounds, associate with pest attack. Some signs of Ash Dieback. Main branch structure. Large area of dead bark on western side of trunk at ground level.		14.88	694
4	Yew	12	7	6	7	6	706								2	2N	E	A2	>40	Part of typical church yard plantings	Crown lift to 3m above proposed driveway	8.40	222
5	Ash	13	6	5	6	6	356								2	2S	C	S1	>10	Visually significant tree within churchyard	Crown lift to 3m above proposed driveway	4.20	55
6	Row of Leyland cypresses	10m	3m	3m	3m	3m	20m								-	S	C2	>10	Row of outcrops on either side of driveway	Remove section as shown	2.40	18	
7	Group of ash	15m	6m	6m	6m	6m	30m								6	6N	S	C2	>10	Group of trees just outside site. All showing signs of Ash Dieback		3.60	41
8	English oak	14	6	6	8	5	506								2	4S	S	B2	>20	Form part of a small group of trees on the northern boundary. Ivy covered main stem		6.00	113
9	English oak	16	8	8	9	6		50	50	45					3	3S	E	B2	>20	Form part of a small group of trees on the northern boundary. Ivy covered main stem		10.06	318
10	English oak	16	7	3	7	7	556								3	3W	E	B2	>20	Form part of a small group of trees on the northern boundary. Ivy covered main stem		6.60	137
11	Row of mixed broadleaves	13m	4m	4m	4m	4m	25m								0	-	S	B2	>20	Row of established trees growing mostly beyond post and rail fence. Species include ash, English oak and field maple	Established run of trees along edge of pond	3.00	38
12	Group of alder and oak	16m	7m	7m	7m	7m	45m								0	-	E	B2	>20	Established run of trees along edge of pond		5.40	92
13	English oak	13	5	4	5	5	356								3	3S	S	B1	>20	Reasonably well formed tree adjoining pond		4.32	59
14	Group of alder	14m	5m	5m	5m	5m	34m								2	2N	S	B2	>20	Dense cluster of trees against edge of pond		4.20	55
15	Blackthorn hedge	1.8m	1m	1m	1m	1m	10m								0	-	E	B2	>20	Established and well maintained hedgehog between fields. Predominantly blackthorn but occasional Hawthorn and hawthorn		1.20	5
16	English oak	15	6	7	7	7	756								3	3N	E	C1	>10	Established tree growing in adjoining field. Shows advanced crown dieback	Remove section as shown	9.00	253
17	Hawthorn and blackthorn hedge	1.8m	1m	1m	1m	1m	10m								0	-	E	B2	>20	Established and well maintained hedgehog between fields. Mixture of Hawthorn and blackthorn		1.20	5
18	English oak	7	6	4	6	5	456-456								2	2N	E	B1	>20	Larger component of hedgehog. Twin-stemmed with both stems partially smothered in ivy		7.64	183
19	English oak	18	10	11	11	10	119								2	2S	M	A1	>40	Visually significant tree growing in field. Some sparsity of fine branching in upper canopy	Crown lift to 3m above ground level	14.28	641
20	Mixed broadleaf copse	>12	>6	>6	>6	>6									0	-	S	B2	>20	Established copse of trees growing outside boundary of site. Species include English oak, willow, field maple, hazel, holly, ash together with some blackthorn and Hawthorn	Remove section as shown	3.60	41

21	Mixed broadleaf hedge	7m	2m	2m	2m	2m									0	-	E B2	>20	Established but outgrown hedgehog between fields. Mixed species including Hawthorn, hazel, blackthorn, goat willow and some English oak saplings	Remove section as shown	1.20	9			
22	English oak	16	7	8	9	7	906								2	2S	M A2	>40	Prominent tree growing in hedgehog. Lower stem and crown smothered in ivy. Some dead and rotten branches within crown		10.80	368			
23	English oak	17	8	7	7	9	706								4	4W	E A2	>40	Prominent tree growing in hedgehog between fields. Lower stem and crown smothered in ivy. Some dead branches within crown		8.40	222			
24	English oak	17	4	8	9	8	706								3	3S	E A2	>40	Prominent tree growing in hedgehog between fields. Lower stem and crown smothered in ivy. Some dead branches within crown		8.40	222			
25	English oak	16	7	7	7	7	554								3	3S	E B2	>20	Prominent tree growing in hedgehog between fields. Lower stem and crown smothered in ivy. Some dead branches within crown		6.60	137			
26	Field maple	10	4	4	3	2									27	16	17	2	2S	E B2	>20	Contributes to English oak with some ash	Remove	4.28	58
27	Mixed broadleaf tree belt	+18	+9	+75											2	2S	E A2	>40	Established but outgrown hedgehog between fields. Upper canopy consist of English oak with some ash. Understorey is predominantly blackthorn and Hawthorn with occasional holly	Cut back to provide space for headwall construction	9.00	255			
28	Mixed broadleaf hedgehog	6m	2m	2m	2m	2m									0	-	E B2	>20	Established but outgrown hedgehog between fields. Sparsely in places. Contains primarily field maple, Hawthorn and blackthorn	Remove section as shown	1.20	9			
29	English oak	18	7	7	6	8	71								4	4NE	E A2	>40	Form part of a row of similar size trees within hedgehog		8.52	228			
30	English oak	17	4	8	8	7	72								2	2E	E A2	>40	Form part of a row of similar size trees within hedgehog		8.64	235			
31	English oak	18	8	8	9	8	81								4	4SE	E A2	>40	Form part of a row of similar size trees within hedgehog		9.72	297			
32	Group of English oak	7m	3m	3m	3m	3m									0	-	S C2	>10	Larger component of hedgehog		1.80	10			
33	English oak	16	7	8	7	7	71								2	2N	E B2	>20	Established larger tree within hedgehog but younger than the other side. Willow and spreading form. Partially smothered in ivy	Crown lift to 3m above proposed meadow authority	7.32	148			
34	English oak	16	7	8	9	7	74								2	2N	E B2	>20	Established larger tree within hedgehog but younger than the other side. Willow and spreading form. Partially smothered in ivy		8.88	248			
35	Mixed broadleaf copse	+11	+4	+23											0	-	S C2	>10	Patch of what appears to be natural regeneration following cessation of farming. Mixture of pioneer species including holly, Hawthorn, English oak, goat willow		3.00	28			
36	English oak	16	7	5	7	7	71								2	2E	E A2	>40	Part of a line of similar sized oaks along edge of field		8.52	228			
37	English oak	17	6	8	9	7	79								4	4SE	E A2	>40	Part of a line of similar sized oaks along edge of field		9.48	282			
38	English oak	17	8	7	10	8	77								4	4SE	E A2	>40	Part of a line of similar sized oaks along edge of field		9.24	248			
39	English oak	14	4	5	7	3									3	3S	S U	>10	Pioneer feature of main stem. Unsuitable to long term retention		5.88	109			
40	English oak	16	7	7	9	7	69								3	3N	E B2	>20	Part of a line of similar sized oaks along edge of field		8.28	215			
41	Group of English oak	17m	3m	3m	3m	3m									4	4SE	E A2	>40	Densely spaced group of trees at edge of field. Most trees contain some deadwood		8.64	232			
42	Field maple	13m	5m	5m	5m	5m									4	4N	E B2	>20	Part of a line of similar sized oaks along edge of field		6.00	113			
43	Ash	16	7	7	8	10	73								5	5S	E C1	>10	Probably remnant of old hedge line. Showing signs of Ash Dieback. Unsuitable to long term retention		13.20	341			
44	English oak	18	11	8	11	12	1104								4	4SW	M A2	>40	Visually significant tree being part of a line of trees extending north and south. Lower stem partially smothered in ivy. Some dead branches and crotches associated with post branch loss		9.72	297			
45	English oak	17	13	13	11	10	131								2	2E	M A2	>40	Visually significant tree being part of a line of trees extending north and south. Lower stem partially smothered in ivy. Some dead branches and crotches associated with post branch loss		15.00	707			
46	Mixed broadleaf hedge	7m	2m	2m	2m	2m									0	-	E B2	>20	Established but outgrown hedgehog growing along ditch line		1.20	9			
47	Mixed broadleaf copse	14m	5m	5m	5m	5m									0	-	S C2	>10	Cluster of small trees at corner of field. Species include Hawthorn, hawthorn, English oak, ash, Ash showing signs of Ash Dieback. Part of a line of similar sized oaks along edge of field		3.00	28			
48	Field maple	14m	6m	6m	6m	6m									2	2N	M B2	>20	Pioneer feature of main stem. Unsuitable to long term retention		5.40	92			
49	English oak	16	8	8	9	8	73								6	6S	E B2	>20	Established tree growing on corner of field. Broad-spreading form. Main stem partially smothered in ivy	Remove	8.76	241			
50	English oak	19	15	14	15	15	1554								3	3N	M A1/2	>40	Visually significant and large example of species growing beyond site. Broad-spreading form		15.00	707			
51	Row of English oak	18m	10m	10m	10m	10m									3	3E	E A2	>40	Visually significant trees growing along hedge line. Most trees covered in ivy		9.00	285			
52	English oak	17	7	9	8	8	806								3	3W	E A2	>40	Prominent tree growing along hedge line. Main stem smothered in ivy. Numerous dead branches. Some hollows associated with post branch loss		9.60	290			
53	English oak	13	6	5	2	5	74								4	4NE	S C1	>10	Suppressed by larger tree		8.88	248			
54	Ash	13	5	5	5	5									3	3W	S U	>10	Advanced Ash Dieback		1.44	43			
55	Field maple	14	4	6	7	5	41								2	2NE	E B2	>20	Form part of a group of trees at the edge of the field. Crown suppressed by adjoining larger oak		4.92	76			
56	English oak	18	6	7	7	7	76								4	4SE	E B2	>20	Form part of group trees at edge of field. Main stem partially smothered in ivy. Some dead branches within crown		9.12	261			
57	Goat willow	9	7	5	5	6									39	16	21	0	-	S U	>10	Partially felled stems that are resting in adjoining hedge and pond. Coppicing would promote low level regeneration		5.65	100
58	English oak	13	5	3	6	4	43								2	2E	S C1	>10	Small tree between field and pond		5.16	84			
59	English oak	18	8	10	12	10	104								3	3N	M A2	>40	Visually significant tree being part of a line of trees extending north and south. Lower stem partially smothered in ivy. Some dead branches and crotches associated with post branch loss		10.80	368			
60	English oak	18m	9m	7m	7m	7m									3	3E	E A2	>40	Densely spaced group of trees with roots extending to the north beyond the survey area. All trees seem to the west of Lancing Brook		9.00	255			
61	English oak	12	5	5	9	4	41								4	4E	S C1	>10	Lackluster decline. Some saplings in canopy. Neighbouring trees has died		4.92	76			
62	English oak	10	3	3	5	4	44								2	2S	S C1	>10	Proportionally dead		5.28	88			
63	English oak	14	7	7	7	5	72								2	2N	E B2	>20	Stands at corner of field. Has been pruned on western side. Crown appears to be overhauled ivies. Some dead branches within crown		8.64	235			
64	Hazel hedgehog	3m	1m	1m	1m	1m									0	-	E B2	>20	Established but outgrown hedgehog along Lancing Brook. Presumably dead. Contains some deadwood	Remove section as shown	1.20	5			
65	English oak	17	9	8	8	8	79								4	4E	E A2	>40	Prominent broad-spreading tree with occasional field maple. Presumably damaged by cars 3m in height		9.48	282			
66	English oak	14	6	6	4	4	57								3	3E	E B2	>20	Prominent tree growing on stream bank. Lower stem partially smothered in ivy		6.84	147			
67	Ivy	6	2	2	3	2	26								2	2S	S C1	>10	Small tree growing on hedge line		3.00	28			
68	English oak	14	4	4	4	4	44								2	2S	S C1	>10	Form part of a group of trees at the edge of the field. Crown suppressed by adjoining larger oak		1.44	43			
69	English oak	15	9	9	9	9	954								2	2N	M A2	>40	Broad-spreading tree growing within crown. Most trees have been overhauled by ivies that have colonised at cars 2m above ground level. Partial covering of ivy on lower stem. Some deadwood in branches within crown	Crown lift to 4m over ivy	11.40	408			