



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 Survey Ltd drawing number 21/355
- Where trees were not identified on the topographical survey they have been plotted by eye.
- Drainage Strategy based on Ardent drawing number 2108611-003 Rev D & 2108611-004 Rev D.

KEY

- Existing site features
- Proposed layout
- Proposed drainage strategy
- 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

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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Project
**LAND WEST OF ASHINGTON CE PRIMARY SCHOOL,
ASHINGTON**

Title
TREE PROTECTION PLAN

Date
DEC 2022
Scale
1:1250@A1
Drawn by
ML
Checked by
JTK

Drawing Number

1780-KC-XX-YTREE-TPP01RevF

Column Heading	Explanation
Tree No.	Unique number corresponding to 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	Height from ground level to base of first major branch and the approximate direction of growth
Aberrations as suffix to a dimension	Suffix 'v' denotes an average dimension
Age Class	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 (substantial contribution >40 yrs) B1, 2 or 3 - trees of moderate quality (substantial contribution 20 yrs) C1, 2 or 3 - trees of low quality (but adequate, <10 yrs or young trees - until new planting can be established) Note: Useful retained remaining contribution of the tree tree group based on figures stated in BS5837:2012 Breed description including physiological and structural Condition
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 and Annex D of BS5837:2012
Root Protection Area	Total area of minimum root protection area extrapolated from root protection radius

Survey of trees on land west of Ashington CE Primary School, Ashington																								
Tree No.	Species	H (m)	Branch Spread (m)				Single Stem	Stem diameters (cm)					More than 5 stems	Height of first branch (m)	Height of first branch (m)	Age class	Category grading	Physiological / Structural	Tree works to BS5998	Root protection radius (m)	Protection area (m²)			
			N	E	S	W		2-5 stems	Sum of 2-5 stems	Sum of 6-10 stems	Sum of 11-20 stems	Sum of 21+ stems												
1	Row of Leyland cypress	6m		1m			15m									S	B2	>20	Established hedgehog alongside driveway	Remove	1.20	5		
2	Irish yew	6	3	4	3	3							10	6	2	2N	S	B2	>20	Form part of the typical plantings within the churchyard		2.94	27	
3	English oak	19	10	10	10	11	124									S	B2	>20	Visually significant tree within churchyard		14.88	696		
4	Yew	12	7	6	7	6	70e									2	2N	A2	>40	Part of typical churchyard plantings	Crown lift to 3m above proposed driveway	8.40	222	
5	Ash	13	6	5	6	6	35e									2	2S	S	B2	>20	Visually significant tree within churchyard	Crown lift to 3m above proposed driveway	4.20	55
6	Row of Leyland cypress	15m	3m	3m	3m	3m										S	C2	>10	Row of Leyland cypress outside driveway		2.40	18		
7	Group of ash	15m	6m	6m	6m	6m										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	50e									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	60	50	50	45						3	3S	S	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	55e									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										S	B2	>20	Row of established trees growing mostly beyond path and rail fence. Species include ash, English oak and field maple		3.00	38		
12	Group of alder and oak	16m	7m	7m	7m	7m										S	B2	>20	Established run of trees along edge of pond		5.40	92		
13	English oak	13	5	4	5	5	35									S	B2	>20	Reasonably well formed tree adjoining pond		4.32	59		
14	Group of alder	14m	5m	5m	5m	5m										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										S	B2	>20	Established and well maintained hedgehog between fields. Predominantly blackthorn but occasional hawthorn and hazel		1.20	5		
16	English oak	15	6	7	7	7	75e									3	3N	C2	>10	Established tree growing in adjoining field. Shows advanced crown dieback	Remove section as shown	9.00	255	
17	Hawthorn and blackthorn	1.8m	1m	1m	1m	1m										S	B2	>20	Established and well maintained hedgehog between fields. Mature of hawthorn and blackthorn		1.20	5		
18	English oak	7	6	4	6	5	45e	45e								2	2N	E	B1	>20	Visually significant tree growing in field. Some canopy of the tree branching in upper crown dieback	Crown lift to 3m above proposed driveway	7.64	183
19	English oak	18	10	11	11	11	119									2	2S	M	A1	>40	Visually significant tree growing in field. Some canopy of the tree branching in upper crown dieback	Crown lift to 3m above proposed driveway	14.28	641
20	Mixed broadleaf copse	>12	>6	>6	>6	>6										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	3m	3m	3m	3m							S	B2	>20	Established but overgrown hedgehog between fields. Mixed species including hawthorn, hazel, blackthorn, goat willow and some English oak saplings	Remove section as shown	1.20	5
22	English oak	16	7	8	9	7	90e						S	B2	>20	Prominent tree growing in hedgehog. Lower stem smothered in ivy. Some dead and broken branches within crown		10.80	368
23	English oak	17	8	7	7	9	70e						S	B2	>20	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	70e						S	B2	>20	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	55e						S	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							S	B2	>20	Part of a line of similar sized oaks along edge of field	Remove	4.28	38
27	Mixed broadleaf tree belt	>18	>9	>9	>9	>9							S	B2	>20	Form part of a row of similar size trees within hedgehog. Upper canopy consist of English oak, ash and sycamore. It predominates blackthorn and hawthorn with occasional hazel		9.00	255
28	Mixed broadleaf hedgehog	6m	3m	3m	3m	3m							S	B2	>20	Established but overgrown hedgehog between fields. Lower stem and crown smothered in ivy. Some dead branches within crown	Cut back to provide space for hedgehog construction	1.20	5
29	English oak	18	7	7	6	8	71						S	A2	>40E	Form part of a row of similar size trees within hedgehog		8.52	228
30	English oak	17	4	8	8	7	72						S	A2	>40E	Form part of a row of similar size trees within hedgehog	Crown lift to 4m above proposed pathway	8.64	235
31	English oak	18	8	8	9	8	81						S	A2	>40E	Form part of a row of similar size trees within hedgehog		9.72	297
32	Group of English oak	9m	3m	3m	3m	3m	15e						S	C2	>10	Larger component of hedgehog		1.80	10
33	English oak	16	7	8	7	7	61						S	A2	>20E	Established larger tree within hedgehog but overgrown than the other oaks. Broad spreading form. Partially smothered in ivy	Crown lift to 4m above proposed pathway	7.32	168
34	English oak	16	7	8	9	7	74						S	A2	>20E	Established tree within hedgehog. Broad spreading form		8.68	248
35	Mixed broadleaf copse	>11	>4	>4	>4	>4							S	C2	>10	Part of a row of similar sized oaks along edge of field. Plans of owner appear to be natural regeneration following success of felling. Mixture of pioneer species including hazel, ash, English oak, goat willow.		3.00	38
36	English oak	16	7	5	7	7	71						S	A2	>40E	Part of a line of similar sized oaks along edge of field		8.52	228
37	English oak	17	6	8	9	7	72						S	A2	>40E	Part of a line of similar sized oaks along edge of field		9.48	282
38	English oak	17	8	7	10	8	77						S	A2	>40E	Part of a line of similar sized oaks along edge of field		9.24	268
39	English oak	14	4	5	7	3	37						S	B2	>10	Part of a line of similar sized oaks along edge of field		5.88	109
40	English oak	16	7	7	9	8	70e						S	C2	>10	Part of a line of similar sized oaks along edge of field		8.28	215
41	Group of English oak	17m	9m	9m	9m	9m							S	A2	>40E	Densely spaced group of trees at edge of field. Most trees contain some deadwood		8.40	222
42	Pair of field maple	13m	5m	5m	5m	5m							S	A2	>40E	Pair of larger examples of this species. Probably remnants of old hedge line		6.00	113
43	Ash	16	7	7	8	10	73						S	C2	>10	Prominent tree growing along ditch line. Remnants of Ash Dieback. Unsuited to long term retention		8.76	241
44	English oak	18	11	8	11	12	110e						S	A2	>40W	Visually significant tree being part of a line of trees extending north and south. Lower stem partially smothered in ivy. Some dead branches and cavities associated with past branch loss		13.20	547
45	English oak	17	13	15	11	10	131						S	A2	>40W	Visually significant tree being part of a line of trees extending north and south. Lower stem partially smothered in ivy. Some dead branches and cavities associated with past branch loss		15.00	707
46	Mixed broadleaf hedge	7m	3m	3m	3m	3m							S	B2	>20	Part of a line of similar sized oaks along edge of field		1.20	5
47	Mixed broadleaf copse	14m	5m	5m	5m	5m							S	C2	>10	Cluster of small trees at corner of field. Species include hawthorn, field maple and ash. Showing signs of Ash Dieback		3.00	38
48	Pair of field maple	14m	5m	5m	5m	5m							S	A2	>20E	Pair of close growing larger example of species. Some parts smothered in ivy		5.40	92
49	English oak	16	8	8	9	8	73						S	A2	>20E	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	13	15	155e						S	A2	>40W	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							S	A2	>40E	Closely spaced trees growing along hedge line. Main stems covered in ivy		9.00	255
52	English oak	17	7	9	8	8	70e						S	A2	>40E	Prominent tree growing long hedge line. Main stem smothered in ivy. Numerous dead branches. Some hollows associated with past branch loss		9.60	290
53	English oak	13	6	5	2	5	74						S	C2	>10	Suppressed by larger tree		8.88	248
54	Ash	12	5	6	5	5	61						S	B2	>20E	Form part of a group of trees at the edge of field. Crown spread by adjoining larger oak		4.92	76
55	Field maple	14	4	6	7	5	41						S	B2	>20E	Form part of a group of trees at the edge of field. Crown spread by adjoining larger oak		9.12	261
56	English oak	18	6	7	7	7	76						S	B2	>20E	Form part of a group of trees at the edge of field. Main stem partially smothered in ivy		9.60	290
57	Good willow	9	7	5	5	6	6						S	C2	>10	Partially foliated stems that are rooting in adjoining hedge and pond. Coppicing would promote low level regeneration. Small tree between field and pond		5.65	100
58	English oak	13	5	5	6	4	40						S	C2	>10	Form part of a row of similar size trees along Lancing Brook between fields. There are some showing evidence of after lower fungus between buttresses on northern side. Main stems smothered in ivy. Some dead branches within crown		5.16	141
59	English oak	18	8	10	12	10	90e						S	A2	>40E	Densely spaced group of trees that extends to the north beyond the survey area. All trees stand to the west of Lancing Brook		10.80	368
60	Group of English oak	18m	9m	9m	9m	9m							S	A2	>40E	Densely spaced group of trees that extends to the north beyond the survey area. All trees stand to the west of Lancing Brook		9.00	255
61	English oak	12	5	5	0	4	41						S	C2	>10	Establishing decline. Some saplings in bank. Neighbouring tree has died		4.92	76
62	English oak	10	3	5	7	5	44						S	B2	>20E	Partially dead. Stands at corner of field. Has been pruned on western side to provide clearance for overhead wires. Some dead branches within crown		5.28	88
63	English oak	14	7	7	7	5	72						S	B2	>20E	Established hedgehog along Lancing Brook. Predominantly hazel with occasional field maple. Previously merged with adjacent hedgehog	Remove section as shown	8.64	235
64	Hazel hedge	3m	1m	1m	1m	1m							S	B2	>20E	Prominent broad-spreading tree growing along Lancing Brook. Crown contains some deadwood	Remove section as shown	1.20	5
65	English oak	17	9	8	8	8	79						S	B2	>20E	Established tree growing on stream bank. Lower stem partially smothered in ivy	Remove	9.48	282
66	English oak	14	6	6	4	4	57						S	B2	>20E	Small tree growing on hedge line	Remove	6.84	147
67	Yew	6	2	3	3	3	25e						S	C2	>10	Small tree growing on hedge line	Remove	3.00	38
68	English oak	7	2	2															