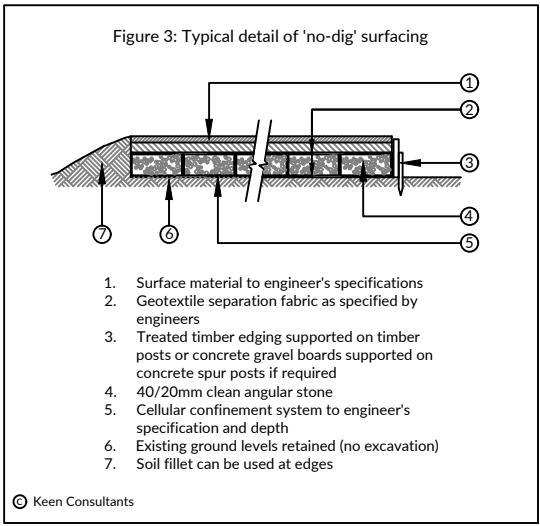
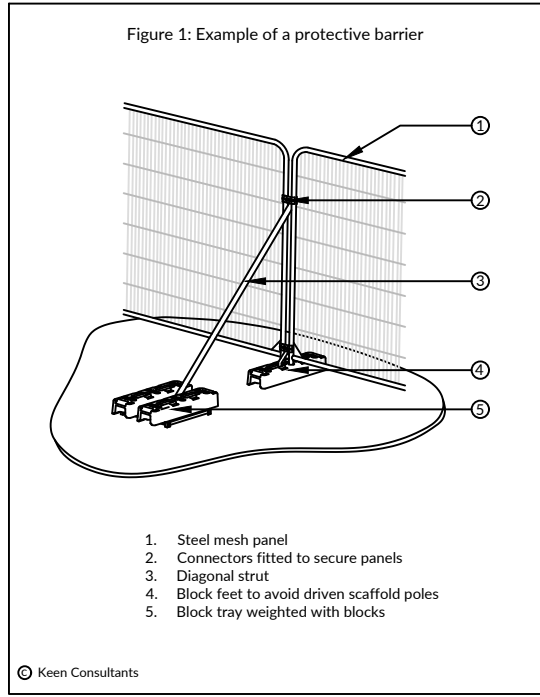


Survey of trees on land at Oak and Apple Tree Cottage, Winchester Road, Boorley Green, Botley SO32 2DH																							
Tree No.	Species	Ht (m)	Branch Spread (m)				Stem diameters (cm)							Height of crown clearance (m)	Height of first branch (m) and direction (compass point)	Age class	Category grading	Estimated remaining contribution (yrs)	Condition Physiological / Structural	Tree Works to BS3998	Root protection radius (m)	Root protection area sq.m	
							Single Stem	2-5 stems					More than 5 stems										
			Stem 1	Stem 2	Stem 3	Stem 4		Stem 5	Mean dia	No. stems													
											N	E											S
1	Ash	11	7	6	7	7	39								2	2W	S	C1	>10	Established tree adjoining cottage. Showing early signs of Ash Dieback. Unsuitable to long term retention.		4.68	69
2	Pair of cherry	4av	4av				30av								0	-	S	C2	>10	Pair of small fruit trees in adjoining garden.		3.60	41
3	Group of fruit trees	4av	3av				15av								0	-	S	C2	>10	Group of small fruit trees within paddock. Species include apple, cherry and pear. No tree of any particular merit.	Remove section as shown.	1.80	10
4	Ash	15	6	6	6	6	50e								2	2N	E	C2	>10	Forms part of hedgerow. Showing early signs of Ash Dieback.		6.00	113
5	Group of holly	9av	4av				15av								0	-	E	B2	>20	Forming part of hedgerow along southern boundary.		1.80	10
6	Leyland cypress	10	1	2	2	2	30e								2	2S	S	C2	>10	Established conifer growing in adjoining garden.		3.60	41
7	Row of hawthorn and cherry Laurel	9av	4av				30av								0	-	E	B2	>20	Forming part of hedgerow along southern boundary of site.		3.60	41
8	Ash	2	0.5	2	1	0	39								2	2E	E	U	<10	Pollarded stump. Has been pruned to provide clearance for overhead wires.		4.68	69
9	Ash	14	6	1	4	8	70e								2	2W	E	U	<10	Harshly pruned to provide clearance for overhead wires. Showing early signs of Ash Dieback.		8.40	222
10	Mixed broadleaf hedgerow	6av	3av				15av								0	-	E	B2	>20	Established but outgrown hedgerow along western boundary of site. Sparse in places. Predominantly hawthorn with some blackthorn and elder.	Remove section as shown.	1.80	10
11	Group of blackthorn	7av	3av				12av								2	2E	S	C2	>10	Group of small trees within paddock.	Remove.	1.44	7
12	English oak	12	6	6	5	5	42								2	2E	S	U	<10	Established tree growing within hedgerow. Partially smothered in ivy. Tight union between stems at circa 2m above ground level highly susceptible to failure in future years. Not suited to long term retention.		5.04	80
13	Mixed broadleaf hedgerow	6av	3av				10av								0	-	E	B2	>20	Established hedgerow along ditch line at northern boundary of site. Predominantly hazel with some hawthorn and blackthorn.	Remove section as shown.	1.20	5
14	English oak	12	7	3	3	4	32								2	2N	S	B2	>20	Contributes to hedgerow.		3.84	46
15	Row of English oaks	19av	8av				65av								2	2S	E	A2	>40	Prominent line of trees growing within hedgerow. All stems closely spaced and forming contiguous crown. Most stems partially smothered in ivy. Some deadwood within crowns.		7.80	191
16	English oak	9	0	2	6	2	29								2	2S	S	C2	>10	Contributes to row but crown biased to south due to competition with adjoining larger trees.		3.48	38
17	English oak	2.5	2	3	2	3							12	8	0	-	S	C2	>10	Contributes to hedgerow but has been pollarded to provide clearance from overhead wires.		4.07	52
18	English oak	19	9	8	8	3	55e								2	2S	E	A2	>40	Part of a line of trees along the northern boundary. Lower stem partially smothered in ivy. Crown has been pruned to provide clearance for overhead wires.		6.60	137
19	English oak	19	11	11	9	5	75e								2	2S	E	A2	>40	Forms part of a line of trees along the hedgerow. Lower stem and crown partially smothered in ivy.		9.00	255
20	English oak	17	7	6	7	0	35e								2	2S	E	C2	>10	Contributes to row of trees along the boundary. Intertwined with adjoining larger tree. Main stem partially smothered in ivy.		4.20	55
21	English oak	16	7	9	9	7	55e								5	5W	E	B2	>20	Established tree growing in hedgerow alongside Winchester Road. Lower stem smothered in ivy. Some deadwood within crown.	Remove deadwood in excess of 25mm diameter.	6.60	137
22	Mixed broadleaf hedgerow	9av	3av				20av								2	2W	E	B2	>20	Established but outgrown hedgerow along boundary of Winchester Road. Predominantly hawthorn with some holly and blackthorn. Most stems covered in ivy.	Cut back to maintain visibility access.	2.40	18
23	English oak	17	7	8	8	7	65e								4	4N	E	B2	>20	Established tree growing in hedgerow alongside Winchester Road. Main stem smothered in ivy.		7.80	191
24	Pair of elm	14av	4av				30av								3	3N	S	U	<10	Pair of dead trees growing between fence and Winchester Road. Both stems covered in ivy.		3.60	41
25	English oak	13	7	7	4	8	45e								3	3W	S	B2	>20	Established tree growing alongside hedgerow. Main stem and crown smothered in ivy.		5.40	92
26	Mixed broadleaf hedgerow	3av	2av				10av								0	-	S	C2	>10	Sparse section of hedgerow alongside Winchester Road. Includes hazel, cherry and hawthorn saplings. Sparse.	Remove section as shown.	1.20	5
27	Ash	10	3	2	1	2	14								2	2W	S	C2	>10	Contributes to hedgerow. Slender form. Showing early signs of Ash Dieback.		1.68	9
28	English oak	13	5	6	6	6		41	14						2	2S	S	B2	>20	Contributes to hedge line alongside Winchester Road.		5.20	85
29	Mixed broadleaf hedgerow	8av	3av				15av								0	-	E	B2	>20	Established but outgrown hedgerow alongside Winchester Road. Predominantly hazel with some hawthorn and holly.	Cut back to maintain visibility access.	1.80	10
30	Ash	12	5	5	6	7	29								3	3NW	S	C2	>10	Contributes to hedgerow but showing early signs of Ash Dieback.		3.48	38
31	English oak	14	7	8	7	8	59								0	4S	E	B2	>20	Established tree growing to east of Winchester Road. Stands between carriageway and footway. Levels appear to have been raised around base. Some deadwood within crown that overhangs the carriageway and footway.	Remove deadwood in excess of 25mm diameter.	7.08	157
32	English oak	16	9	5	7	9	75e								2	2W	E	A2	>40	Stands to north of footpath outside of northern boundary of site. Broad spreading form. Has been cut back on northeastern side.		9.00	255



McCarthy Stone

Life, well lived

05m10m25m

NOTES

1. This tree survey information has been prepared for planning purposes only. Additional detail will be needed for foundation design.

2. The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

3. Scale for planning purposes only.

4. All dimensions to be checked on site.

5. The copyright of this document resides with Keen Consultants unless assigned in writing by the company.

6. Details shown on this drawing are devised with reference to BS5837:2012: Trees in relation to design, demolition and construction Recommendations.

7. Check if Tree Preservation Order or Conservation Area protection applies to trees before undertaking tree works.

8. Topographical survey based on Redline Surveys Plot 1. 24-09.

9. Where trees were not identified on the topographical survey they have been plotted by eye.

10. Proposed layout based on terrafirma Landscape General Arrangement drawing number SO-2977-03-LA-002 Rev P09.

11. Visibility splays based on Paul Basham Associates drawing number 034.0171-0002 Rev P01.

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

KEY TO TREE SCHEDULE

Column Heading

Tree No.

Species

Ht (m)

Branch Spread

Stem Dia

Height of crown clearance

Height of first major branch and direction of growth

Abbreviations as suffix to a dimension

Age Class

Category grading and Estimated remaining Contribution (yrs)

Explanation

Unique number corresponding with number on plan

English names

Height in metres

Crown radius in metres to cardinal points of the compass

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 in metres between the ground and underside of canopy

Height from ground level to base of first major branch and the approximate direction of growth

Suffix 'e' denotes an estimated dimension

Suffix 'av' denotes an average dimension

Age Class definitions:
Y = Young S = Semi-mature E = Early mature
M = Mature O = Over mature

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 (significant contribution >20 yrs)
C1, 2 or 3 = trees of low quality (but adequate, ie >10 yrs or young trees - until new planting can be established)

Note: Useful estimated remaining contribution of the tree or tree group based on figures stated in BS5837:2012

Brief description including physiological and structural defects

Works required to be undertaken to the trees to facilitate the construction of remediate a defect encountered during the survey

Radius of minimum root protection area in metres calculated from section 4.6 and Annex D of BS5837:2012

Total area of minimum root protection area extrapolated from root protection radius

Rev

Description

Date

C

Root protection area shown

18.09.24

B

Tree retention updated

07.08.24

A

Latest layout overlay

25.07.24

0

Preliminary issue

01.07.24

KEEN

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Client

McCarthy Stone

Project

LAND AT OAK AND APPLE TREE COTTAGE,
WINCHESTER ROAD, BOORLEY GREEN

Title

TREE PROTECTION PLAN

Date

Scale

JULY 2024

1:500@A2

Drawn by

Checked by

ML

JTK

Drawing Number

2249-KC-XX-YTREE-TPP01RevC

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