

TREE SURVEY

at

53 HARTPLAIN AVENUE
COWPLAIN
HAMPSHIRE

for

Peak Quality Homes

May 2012



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LANDSCAPE
CONSULTANTS

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Date of Survey

30th May 2012

The Trees were inspected and the report compiled by:

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Purpose of the Survey

To survey and classify the trees according to BS 5837

Survey Detail

- Key numbers refer to drawing BLC120138 which is based upon a topographical survey provided by others.
- Trees were not climbed but inspected from ground level.
- Height dimensions have been estimated from ground level.
- The results have been tabulated to British Standard 5837 guidelines.
- The trees have not been physically tagged on site.
- No soil inspection has been made.
- Some dimensions may have been omitted where boundaries or dense canopies prevented accurate measurements being taken.
- The survey was taken without the benefit of a proposed layout, and therefore classifies the trees according to their current condition and environment. Recommendations for tree work to A, B, and C categories presuppose that the trees are to be retained. This must obviously be ignored if the trees are to be removed to facilitate new development.
- Categories given to trees over boundaries are based on visual observations from within the site and assume that there are no major defects that can only be seen from the property in which they are situated.
- Trees, which lay outside site boundaries, have been classified only where access was possible to gain accurate information.
- Tree Preservation Orders 1758 and 1776 cover four Oak Trees within the site and these are noted within this report.
- No work is to be carried out to trees which are the subject of a TPO without prior written consent from the Local Authority.
- No work is to be carried out to any trees without the prior approval of the owner of the land on which they are situated. Work recommended to trees in neighbouring properties is a suggestion and not an instruction.
- The contents of this report are valid for twelve months.

Key to abbreviations used in Survey (Unit of measure as stated.)

Key No.	Tag No. attached to Tree on site, or number as noted on accompanying drawing.		
Species:	Species of Tree, common, scientific, or both.		
HT:	Height in metres.		
Dia:	Diameter in millimetres at 1.5metres above ground level or immediately above root flare for multi-stem trees.		
BS:	Crown Spread in Metres taken as a radius to 4 cardinal compass points.		
Crown Height:	Height of lower crown above ground level.		
Age:	Y	Young	
	SM	Semi-mature	
	EM	Early-Mature	
	M	Mature	
	OM	Over-Mature	
Cond:	Condition:	G: Good.	F: Fair. P: Poor. D: Dead.
Years Left:	Estimated remaining contribution in years: Less than 10, 10+,20+, 40 plus.		

Additional note: # = estimated, Ina = inaccessible, Av = Average.

Table 1 Cascade chart for tree quality assessment BS5837

Category and definition Criteria (including subcategories where appropriate) Identification on plan

Trees unsuitable for retention Category U - Colour on plan RED

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 (e.g. 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;

TREES TO BE CONSIDERED FOR RETENTION

1 Mainly arboricultural qualities, 2 Mainly landscape qualities, 3 Mainly cultural values, including conservation

Category A Colour on plan Green

Trees of high quality with an estimated remaining life expectancy of at least 40 years

1. 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)
2. Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features
3. Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)

Category B Colour on plan Blue

Trees of moderate quality with an estimated remaining life expectancy of at least 20 years

1. Trees that might be included in 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.
2. 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.
3. Trees with material conservation or other cultural value.

Category C Colour on plan Grey

Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm.

1. Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories
2. 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
3. Trees with no material conservation or other cultural value.

Key No.	SPECIES	HT M	Dia mm	BS M	Crown Height M	Age	Cond	Years Left 10+, 10+, 20+, 40+	Cat	STRUCTURAL CONDITION AND OBSERVATIONS.	RECOMMENDATIONS
1.	ELDER	8	230	N- E- S- W-	-	-	-	-	U	Just a large shrub. Of no value.	Fell.
2.	ASH	11	160	N4 E1 S0.5 W3	6 N	SM	G	10+	C2	-	-
3.	ROWAN	10	110 110	N3 E1 S1 W3	1 E	EM	G	10+	C2	Two stems at base. Basal growth.	Remove basal growth.
4.	OAK	12	700#	N5 E5 S5 W5	3 N	M	G	40+	A2	Forks at 1.8 metres. Ivy to 9 metres. Dead wood in crown.	Cut Ivy and clean out. Lift over foot path.
5.	HAWTHORN	7	110 120 180 080	N5 E3 S2 W1	1.5 W	M	G	10+	C2	Four stems at 0.5 metres.	-
6.	LAWSON CYPRESS	10	260 150 110	N1 E2 S2 W2	0.3 N	M	G	10+	C2	Three stems at 0.5 metres. Topped at 4metres and again at 6 metres.	-
7.	CHERRY	8	140	N3 E3 S2 W0	1.5 N	SM	G	10+	C2	-	-
8.	ELDER	8	-	N- E- S- W-	-	-	-	-	U	Just a large shrub. Of no value.	Fell.
9.	ELDER	9	-	N- E- S- W-	-	-	-	-	U	Just a large shrub. Of no value.	Fell.
10.	OAK	15	670	N7 E7 S7# W8	2 N	M	G	40+	A2	Ivy present. Dead wood in crown.	Cut Ivy and clean out.

Key No.	SPECIES	HT M	Dia mm	BS M	Crown Height M	Age	Cond	Years Left 10-, 10+, 20+, 40+	Cat	STRUCTURAL CONDITION AND OBSERVATIONS.	RECOMMENDATIONS
11.	OAK	16	660	N7 E7 S7 W5	2 N	M	G	40+	A2	Ivy to 6 metres. Dead wood in crown.	Cut Ivy and clean out.
12.	OAK TPO 1758 T1	16	620	N8 E3 S8 W8	2 W	M	G	40+	A2	Ivy to 5 metres. Dead wood in crown.	Cut Ivy and clean out.
13.	APPLE	4	500#	N- E- S- W-	-	OM	F	10-	U	Dense Ivy throughout. Decay in base. Of no value.	Fell.
14.	COPPER BEECH	10	280#	N3 E3 S3 W3	4 W	SM	G	40+	A2	Over boundary.	-
15.	APPLE	7	400#	N- E- S- W-	-	OM	F	10-	U	Of no value.	Fell.
16.	APPLE	5	250	N- E- S- W-	-	OM	F	10-	U	Of no value.	Fell.
17.	ASH	8	150	N4 E2 S1 W1	2 N	SM	G	10+	C2	Inaccessible, over boundary. Forks at 2 metres.	
18.	ASH	9	190	N4 E2 S3 W3	3 N	SM	G	10+	C2	Inaccessible, over boundary. Forks at 3 metres.	
19.	ASH	9	150	N3 E2 S2 W2	6 N	SM	G	10+	C2	Inaccessible, over boundary. Forks at 6 metres.	
20.	APPLE	6	200	N- E- S- W-	-	OM	F	10-	U	Dense Ivy throughout. Of no value.	Fell.

Key No.	SPECIES	HT M	Dia mm	BS M	Crown Height M	Age	Cond	Years Left 10-, 10+, 20+, 40+	Cat	STRUCTURAL CONDITION AND OBSERVATIONS.	RECOMMENDATIONS
21.	ASH	9	120	N2 E1 S2 W1	4 W	SM	G	10+	C2	Inaccessible. Over boundary.	-
22.	ASH	10	210	N4 E2 S2 W4	3 N	SM	G	20+	B2	Forks at 3 metres.	-
23.	APPLE	6	210	N- E- S- W-	-	OM	F	10-	U	Of no value.	Fell.
24.	HAWTHORN	8	200	N3 E3 S1 W3	1.5 E	M	F	10+	C2	Dense ivy throughout. Under crown of tree #25 and competing with ivy.	Cut ivy.
25.	ASH	17	220 350	N8# E8# S8# W8#	3 N	M	G	20+	B2	Over boundary. Two stems at 1.5 metres.	-
26.	OAK TPO 1776 G1 - 1 of 3	15	750	N8 E7 S4 W7	2.5 E	M	G	40+	A2	Ivy to 10 metres. Dead wood in crown.	Cut ivy and clean out.
27.	OAK TPO 1776 G1 - 2 of 3	15	850	N8 E8 S10 W10	2 W	M	G	40+	A2	Ivy to 8 metres. Dead wood in crown.	Cut ivy and clean out.
28.	CHERRY	10	300	N3 E2 S2 W5	2 W	M	G	10+	C2	-	-
29.	CHERRY	9	180	N4 E2 S2 W4	2 N	EM	G	40+	A2	-	-
30.	OAK TPO 1776 G1 - 3 of 3	16	1050	N8 E8 S8 W8	2 N	OM	G	20+	B2	-	-

Key No.	SPECIES	HT M	Dia mm	BS M	Crown Height M	Age	Cond	Years Left 10-, 10+, 20+, 40+	Cat	STRUCTURAL CONDITION AND OBSERVATIONS.	RECOMMENDATIONS
31.	LINE OF LAWSON CYPRESS X 9	7 Av	160 Av	N E S W	0.5 E	SM	G	10+	C2	Width 3 metre. Length 22 metres.	-
32.	LINE OF LAWSON CYPRESS X 6	9 Av	180 Av	N E S W	0.5 E	SM	G	10+	C2	Width 4 metre. Length 16 metres.	-
33.	PRUNUS CERASIFERA	8	230 300	N4# E1# S5# W7#	1 W	M	G	10+	C2	Forks at 1 metre into two stems.	-
34.	GROUP OF LEYLANDS X 6	8 To 12	280 Av	N5 E5 S5 W5	0.5 W	M	F	10+	C2	Indiscriminately pruned to look a mess.	-
35.	HORSE CHESTNUT	8	340	N3 E5 S5 W5	2 W	EM	G	20+	B2	-	-
36.	CHERRY	10	320	N4 E0 S3 W6	4 W	M	G	10+	C2	Ivy to 6 metres.	Cut Ivy.
37.	CHERRY	10	370	N5 E5 S0 W1	3 W	M	G	10+	C2	Dense Ivy throughout.	Cut Ivy.
38.	CHERRY	10	260	N0 E6 S1 W0	2 S	M	G	10+	C2	With in this area are two over mature Elders.	-
39.	HAWTHORN	10	250 120 090	N1 E2 S3 W5	2 W	M	G	10+	C2	Forks at 0.5 metres.	-
40.	HAWTHORN	10	250 250 110 140	N4 E4 S6 W3	3 N	M	G	10+	C2	Four stems at base.	-

ROOT PROTECTION AREAS EXPRESSED AS
THE RADIUS OF A CIRCLE FROM THE CENTRE OF THE MAIN STEM.
BS5837:2005 TABLE 2.

Tree Number	Root Protection Area Radius in Metres
1.	Category U
2.	1.92
3.	1.87
4.	8.40
5.	3.07
6.	3.84
7.	1.68
8.	Category U
9.	Category U
10.	8.04
11.	7.92
12.	7.44
13.	Category U
14.	3.36
15.	Category U
16.	Category U
17.	1.80
18.	2.28
19.	1.80
20.	Category U
21.	1.44
22.	2.52
23.	Category U
24.	2.40
25.	4.96
26.	9.00
27.	10.20
28.	3.60
29.	2.16
30.	12.60
31.	1.92
32.	2.16
33.	4.54
34.	3.36
35.	4.08
36.	3.84
37.	4.44
38.	3.12
39.	3.50
40.	4.75