

TREE SURVEY

OF DRUITT WOODS

IN ACCORDANCE WITH  
BRITISH STANDARD 5837

TREES IN RELATION TO CONSTRUCTION  
(RECOMMENDATIONS)

Prepared by Mr A J Scott.

Dip Arb (RFS)   N.D. Arb   M. Arbor. A

## QUALIFICATIONS AND EXPERIENCE.

### 1) QUALIFICATIONS.

I studied OND Arboriculture from 1984-1987 at Merrist Wood College and qualified at Merit level.

This qualification is now known as the B-Tech N.D. Arboriculture.

In 2007 I passed the Royal Forestry Societies Professional Diploma of Arboriculture the industries premier qualification. I also attend several courses each year as part of a programme of continuing professional development. The most relevant course being held by the Arboricultural Association at Iminster in May 2006 on the correct interpretation of the new British Standard 5837 Trees in Relation to Construction.

### 2) PRACTICAL EXPERIENCE.

Prior to entering college two years experience was required, and this was achieved with an Arboricultural Association approved contractor.

Since 1986 I have carried out contracting and consultancy as the principal of A J Scott Tree Surgeons, now known as Scott Tree Services Ltd.

From the period of 1986 -1990 I was employed by the Firma Loesch Scholl to carry out consultancy work for the Starnburg Stadt in Bavaria.

From 1990-92 I was contracted to provide Arboricultural advice to Frankfurt City council by Firma August Fichter.

Since that date my consultancy activities have been in England and related to providing Arboricultural advice to the general public, local authorities, and local businesses.

I have worked locally as a locum consultant for Mark Hinsley Arboricultural Consultants and Colin Bashford Associates. (CBA)

I am currently associated with the BBC radio Solent morning programme providing "on air" advice to unarranged callers.

### 3) CURRENT CLIENTS.

Christchurch Borough Council. The Crown Estate. Dorset County Council Education & Highways. Wessex Water, The National Trust and BBC Radio Solent. Bryanstone School Estate.

## INTRODUCTION.

British Standard 5837 starts with the predisposition that the land where development is proposed is in accord with the local plan as a location where the type of development proposed is likely to be acceptable.

In accord with Planning Policy Statements (PPS) it takes the view that any building will have an anticipated life span of 50 years.

PPS 3 makes that comment that significant landscape features should lead the design process and this would include trees. The BS therefore prioritises the retention of good quality healthy trees that will be able to be retained for the life of the building without regular or extensive maintenance that would detract from their natural beauty.

This leads to the retention of younger, healthier trees, and the retention of fewer numbers of middle aged trees.

Older trees that are approaching the end of their natural life are downgraded unless they have useful habitat features.

One must remember however that trees are but one issue of several criteria when considering a planning application.

## THE PLAN

Upon the accompanying plan I have allocated each tree a number that corresponds to an aluminium disk that is attached to the tree.

The colour of the box that the number is in corresponds to the colour code index of BS 5837. Therefore trees that are not anticipated to survive 10 years are shown red, trees that are anticipated to survive a minimum of 40 years are shown green, (A) trees that are anticipated to survive a minimum of 20 years are shown blue, (B) and all other trees are shown grey. (C)

I have expressed the minimum Root Protection Areas for category A and B trees as a circle upon the plan as an indicator of where potential development space is available. It should be noted however that RPAs can be expressed in any irregular geometrical shape so long as the minimum areas is achieved.

As this is a mature woodland I would anticipate the trees to have developed roots throughout the entire woodland and glade areas.

Therefore it will not be possible to do any level of development without some impact upon some of the trees.

### **GLOSSARY OF TERMS.**

Column One	Previous tree number, from tree hazard survey 2007. if known.
Column Two	The tree number as shown on the attached plan No. (Trees were tagged )
Column Three	The common English name.
Column Four	The height of the tree, some measured with a digital clinometer and given in whole Metres
Column Five	The diameter (d)of the stem measured at 1.5M above the ground provided in mm. $R=d \times 12$ . $RPA = R \times R \times 3.142$ e = Estimated oi = indicates that the reading was Over Ivy.
Column Six	The branch spread of the tree provided to the four cardinal points in whole metres.
Column Seven	The distance from the ground to the first branch, provided in Metres or less than 1M
Column Eight	The age class. Y= Young MA = Middle Aged M= Mature OM= Overmature V = Veteran. Exceptionally old for species
Column Nine.	Physiological Conditions. The general overall health of the tree gained by viewing the vigour/ vitality of the tree from foliage and twigs.
Column Ten.	Structural Condition. A note of any defects that may adversely effect the structure of the tree.
Column Eleven	Preliminary Management Recommendations. Obvious defects that require early rectification or that may require action following a change of site use.
Column Twelve	An estimation of the trees possible remaining useful life expectancy. R < 10. C 10-20. B 20-40. A>40
Column Thirteen. from	The resultant category grading taken from the life expectancy and matched to a sub category Table One of BS 5837.

BS 5837 TREE SURVEY OF DRUITT WOOD.

Prev No	Tree Tag No	Species	Tree Height M	Age Class	Stem Diam' Mm (d) R RPA	Branch Spread.	Crown AGL	Physiological Conditions.	Structural Condition.	Prelim Management Recommendations	Est' Years left.	Cat Grade
	1	Horse Chestnut	19	M	910 R= 10.9	5,6,6,7	3	Some defoliation	Co-dominant stems.	None.	20-30	B2
	2	Felled										
	3	Evergreen Oak	12	M	563 R= 6.75	0,10,6,5	3	Good	Leans. Previous pruning wounds	None	20-30	B2
	4	Horse Chestnut	19	M	756 R= 9.07	5,9,9,3	3	Good	Co- dominant stems included bark	None.	20-30	B2
	5	Horse Chestnut	19	M	650 R = 7.8	10,5,11, 5	3	Good	Some branch abrasion.	None	20-30	B2
	6	Sweet Chestnut	17	MA	555	4,6,4,1	0	Good	Large limb to NE	Reduce length of limb to NE by 30-40%	10-20	C2
	7	Evergreen Oak	10	MA	480 R =4.8	7,5,7,14	0	Good	Poor fork. Large deadwood. Large branch to E. Seam of decay.	Monitor for further defects.	10-20	C2
	8	Evergreen Oak	16	MA	440	0,0,7,0	0	Good	Leans East. Basal decay	Fell within 5 years	<10	R
	9	Sweet Chestnut	14	MA	550	3,4,5,7,	2	Good	Major deadwood, woodpecker hole.	Fell in near future. Retain stump for habitat.	<10	R

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	10	Evergreen Oak	14	MA	470 oi	5,2,4,6,	2	Good	Suppressed imbalanced crown.	None	10-20	C2
	11	Evergreen Oak	15	M	970 R=9.7	6,5,5,7	2	Good	Co-dominant stems. Basal cavity. Previous pruning wounds	None	20-30	C2
	12	Evergreen Oak	17	M	825	5, ,4,4	4	Good	Extensive basal cavity.	Fell in near future	<10	R
	13	Evergreen Oak	18	M	1110 R = 13.32	15,11,7, 8	3	Good.	Exudation from stem. Cavity in laterals, ridges of reaction wood. Co-dominant stems	Monitor	20-40	B2
	14	Not found										
	15	Lime tree	12	Y	260 oi R =3.1	2,3,2,3,	0	Good	Good	None	40+	A2
	16	Lime	19	MA	500oi	8,3,7,3	0	Good	Squirrel damage.	None	20-40	C2
	17	Horse Chestnut	10	MA	438	5,4,5,2	2	Good	No top	Fell	<10	R
	18	Evergreen Oak	17	MA	540	4,4,4,4	2	Good	Large seam of decay	Fell	<10	R
	19	Sweet Chestnut	3		450			Dead	Habitat stump			R
	20	Horse chestnut	15	M	516 + 707 R=7.3	8,3,9,5	2	Good	Co-dominant stems. Imbalanced crown.	None	20-30	B2

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	21	Evergreen Oak	16	M	605 R= 7.26	5,7,6,7	0	Good	Co- dominate stems almost two trees. Large previous pruning wounds	None	20-30	B2
	22	Evergreen Oak	15	M	587 +820 R = 8.4M	7,7,9,3	0	Good	Co-dominant stems. Previous pruning wounds, one stem suppressed	Crown lift over footway	20-30	B2
	23	Holly	6	M	235	2,2,2,2	2	Dead		Fell	<5	R
	24	Horse chestnut	11	MA	524 R = 6.28	8,7,2,3,	3	Good	Co-dominant stems, ivy minor die back.	No action	40+	A2
	25	Sycamore	12	MA	290 R= 3.48	3,3,3,3	2	Good	Good	None	40+	A2
	26	Holly	6	MA	180 2.16	3,3,3,3	0	Good	Multi-stemmed	None	20-30	B2
	27	Horse chestnut	14	MA	552 oi R=6.6	5,3,6,6,	2	Good	C0-gomininate stems	None	40+	A2
	28	Alder	14	M	679	5,5,5,5	2	Good	Twin stemmed one stem leans. Extensive decay. Wasps nest.	Fell	<5	R
	29	Sycamore	16	MA	285	3,3,3,0	0	Good.	Basal suckers, co-dominant stems and deadwood	Remove major deadwood	<20	C2

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	30	Evergreen Oak	16	MA	394	10,0,0,0	2	Good	Extensive lean, ridge of decay and exudation	Fell in near future	<10	R
	31	Horse chestnut	16	MA	557 R= 6.68	2,3,6,3	3	Good	Minor deadwood. Co-dominant stems.	None	30+	B2
	32	Horse chestnut	11	MA	390 R= 4.68	4,4,4,4	4	Good	Large previous pruning wound.		30+	B2
	33	Holly	7	MA	220	2,2,2,2	0	Dead		Fell	<10	R
	34	Horse chestnut	2		60			Dead		Retain for habitat stump		R
	35	Evergreen Oak	16	MA	715 oi	3,4,3,4	8	Good	Decay in bifurcation at 1M and upper canopy. Extensive previous pruning.	Fell	<10	R
	36	Horse chestnut	16	M	1010 R = 10.5M	4,9,5,7,	2	Good	Large heavy limbs to south. Co-dominant stems. Minor fracture.	Reduce branch weight by 30%.	10-20	C2
	37	Horse chestnut	16	MA	618 R = 7.41	5,5,5,4	2	Good	Helical twist to main stem	Crown lift over footway.	40+	A2
	38	Evergreen Oak	14	M	505	1,9,2,2	4	Good	Extensive new growth.	None	10-20	C2
	39	Evergreen Oak stump	3	Y	260					Retain as ivy covered habitat stump.		R



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	40	Sycamore	3	Y	80	1,1,1,1	2	Good	Leans.	None.	40+	C2
	41	Sycamore	14	MA	314 R= 3.77	3,3,3,3	0	Good	Minor lean.	None	40+	A2
	42	Horse chestnut	16	M	667 R= 8	4,5,10,6	0	Good	Co-dominant stems. Minor decay pockets, helical ridge pattern.	Crown lift over footway	20-40	B2
	43	Evergreen Oak	18	MA	655	2,8,3,7	3	Good	Extensive lean. Some decay. Major deadwood.	None	10-20	C2
	44	Sycamore	14	MA	358 R= 4.3	3,3,0,3	2	Good	Suppressed.	Remove major deadwood.	20-40	B2
	45	Sycamore	18	MA	470 oi	5,2,3,3	2	Good	Bifurcation at 1M included bark present, co-dominant stems. Ivy		10-20	C2
	46	Horse chestnut	19	OM	905	9,7,6,5	2	Good	Crack at bifurcation. Exudation noted.	Fell in near future	<10	R
	47	Evergreen oak	14	M	764	0,7,4,0	4	Good.	Imbalanced crown. Minor decay and poor pruning wounds	Remove hanging branch over footway	10-20	C2
	48	Sycamore	8	MA	455 oi	0,6,2,3	0	Good	Imbalanced crown.	Sever ivy.	10-20	C2
	49	Sycamore	14	MA	223	2,2,2,2	0	Good	Susceptible to loss of companion shelter	None		C2

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	50	Horse chestnut	14	M	753 R= 9.03	4,6,5,6	0	Good	Basal suckers.	None	20-30	B2
	51	Evergreen Oak	13	M	640 R = 7.68	5,5,2,5	2	Good	Large heavy branches, poor pruning wounds	Remove deadwood near footway	20-40	B2
	52	Sycamore	13	MA	261	4,0,0,0,	3	Poor	Suppressed cavities.	Fell		R
	53	Evergreen Oak	14	OM	1063 0r 570 + 850		2	Good	Ganoderma at base. Twin stems.	Fell	<5	R
	54	Horse chestnut	2	M	853					Environment stump retain for habitat.		R
	55	Ash	5	Y	730	1,1,1,1	0	Good	Good		40+	C2
	56	Evergreen Oak	12	M	520oi	2,5,3,4	2	Good	Imbalanced crown	Sever ivy.	10-20	C2
	57	Sycamore	12	MA	504 R= 6.05	3,7,4,5	2	Good	Co-dominant stems, cavity in fork.	Remove low branches.	20-30	B2
	58	Evergreen Oak	12	M	543	0,6,0,4	2	Good	Severe lean very imbalanced	Remove limb over car park	20-30	C2

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	59	Sycamore	13	M	475 oi R= 5.7	4,5,3,2	0	Good	Good	Sever ivy.	20-40	B2
	60	Sycamore	9	Y	385	3,4,5,0	3	Good	Lean, possible limb fracture.	Climbing inspection requested.	10-20	C2
	61	Horse chestnut	16	MA	260	3,3,3,3	2	Good	No apical leader, crossing branches	Prune to clear footway and roof.	10-20	C2
	62	Horse chestnut	15	M	1004	9,7,5,6	2	Good	Very large wound. See separate report.	Fell	<10	R
	63	Sycamore	15	M	619	5,5,5,3	0	Good	Large basal cavity. Deadwood. Previous pruning wounds.	Remove major deadwood	10-20	C2
	64	Norway maple	14	MA	308 R= 3.7	4,4,4,3	2	Good	Buttress rooted	None	40+	A2
	65	Norway maple	14	MA	460 R= 5.52	4,5,7,3	2	Good	Co-dominant stems. Suppressed	None	20-40	B2
	66	Fig	4	M	228	2,3,2,3	1	Good	Suppressed	Crown lift over car park	10-20	C2
	67	Pear	7	M	e260	2,3,2,2	2	Good	Ivy	Sever ivy and crown lift over car park side.	10-20	C2
	68	Ash	13	MA	320 oi	2,4,2,2	2	Good.	Ivy, stem canker.	Sever ivy	10-20	C2
	69	Ash	20	M	540 oi R= 6.48	4,4,4,5	2	Good	Suckers growth.	Crown lift over footpath, sever ivy and re-inspect.	20-30	B2

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	70	Holly	9	MA	200 R= 2.4	3,3,3,3	0	Good	Good		20-30	B2
	71	Sycamore	18	M	685 oi R=8.2	7,5,7,5	1	Good	Basal cavity and suckers, co-dominant stems, leans SE	Sever ivy and crown lift over footpath.	20-40	B2
	72	Sycamore	17	MA	395 oi R= 4.75	2,3,4,4	1	Good	Co-dominant stems, basal suckers. Ivy.		20-40	B2
	73	Holly	8	M	225 R= 2.7	2,2,2,4	0	Good	Multi- stemmed. One stem leans.	Remove leaning stem and crown lift.	20-40	B2
	74	Ash	7	Y	80	1,1,1,1	0	Good	Advanced canker		10-20	C2
	75	Sycamore	17	OM	595 oi R= 7.14	5,5,3,5	6	Good	Buttress roots. Deadwood without target.	No action	20-40	B2
	76	Sycamore	10	Y	220	1,2,1,3	1	Good	Suppressed.		10-20	C2
	77	Sycamore	18	M	392	4,4,1,4	0	Good	Ivy	Sever ivy	10-20	C2
	78	Sycamore	18	MA	367 R= 4.4	2,4,2,2	5	Good	Ivy	Sever ivy	20-40	B2
	79	Sycamore	19	MA	306 + 430 oi R= 4.41	2,5,4,3	0	Good	Twin stemmed, ivy and basal suckers	Sever ivy	20-40	B2

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	80	Sycamore	21	MA	374 R= 4.48	3,5,2,2,	0	Good	Ivy and basal suckers	Sever ivy	20-40	B2
	81	Sycamore	21	MA	420 oi R = 5.04	0,3,3,3	10	Good	Good	Sever ivy	20-40	B2
	82	Sycamore	19	MA	260 oi R= 3.12	3,0,3,3	2	Good	Good	Sever ivy	20-40	B2
	83	Sycamore	22	M	505 oi R= 8.06	4,5,5,4	0	Good	Basal suckers	None	40+	A2
	84	Sycamore	21	M	475 oi R= 5.7	3,5,3,3	2	Good	Good	Sever ivy and remove major deadwood over footpath	20-40	B2
	85	Holly	8	M	292	2,5,5,1	0	Good	Leans due to suppression large bark wounds	None	10-20	C2
	86	Ash	22	OM	700oi	4,8,7,4	3	Good	Co-dominant tree, one stem requires removal due to large defect.	Remove stem with large defect, retain remaining stem as habitat stump	<10	R
	87	Sycamore	18	MA	410 oi R= 4.92	3,3,5,3,	0	Good	Good	Sever ivy	40+	A2

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	88	Ash	20	MA	310 oi	2,3,2,2	10	Good	Several stems, as a result of partially falling in past.	No current action	10-20	C2
	89	Ash	20	MA	380 oi R= 4.56	2,3,4,2	10	Good	Co-dominant stems from 4M. Low quality tree.	None	20-40	B2
	90	Holly	11	M	233	3,2,3,2	0	Good	Two trees, both suffer from bark wounds and vandalism.	None	10-20	C2
	91	Holly	10	M	411	2,3,3,3	0	Poor	Suppressed. Cavity.	Good habitat tree	<10	R
	92	Ash	23	OM	450-500 oi	5,10,8,4	5	Average	Three trees. South tree stem defect fell Centre tree, canker, retain North tree included bark	South tree fell Monitor other stems	<10 10-20	R C2 C2
	93	Ash	22	OM	720 oi	6,3,14,3	5	Good	Canker, cavity in stem, large fracture of entire stem, subsiding limb.	Fell	<5	R
	94	Holly	9	M	305	4,4,4,4	0	Good	Suppressed. Some deadwood.	None	10-20	C2
	95	Sycamore	18	M	560 oi R= 6.72	1,4,4,4	0	Good	Basal suckers. Ivy	Sever ivy	20-30	B2
	96	Sycamore	18	MA	350 oi R= 4.2	0,5,4,4	0	Good	Twin stemmed. Included bark. Suppressed.		20-40	B2
	97	Sycamore	20	MA	420 oi	2,3,2,0	0	Average	Three stemmed tree. Cavity at base	Fell, or retain as habitat stump	<10	R

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	98	Ash	18	M	710 oi	3,3,10,2	4	Average	Ivy. Stem cankers. Large limb to SE.	Remove major deadwood over footway	10-20	C2
	99	Ash	18	M	560 oi	1,8,8,3,	0	Poor	Ivy. Extensive canker, some die back.	Fell	<10	R
	100	Hawthorn	8	MA	280 oi R= 3.36	0,3,2,2	2	Good	Crossing branches	No current action	20-30	B2
	101	Ash	18	OM	560 oi	3,5,8,3,	0	Good	Extensive cavities.		10-20	C2
	102	Not found										
	103	Not found										
	104	Not found										
	105	Not found										
	106	Not found										
	107	Not found										
	108	Cherry	12	MA	272 R = 3,26	2,4,2,2	1	Good	Good	Crown lift over unmade path	30+	B2
	109	Apple	6	M	210	2,2,2,2	4	Poor	Basal Cavity	Fell	>10	R
	110	Apple	6	M	222	0,2,2,4	0	Poor	Leans, cavities, basal suckers.	Fell	>10	R
	111	Sycamore	14	MA	400 oi R= 4.8	3,3,3,3	4	Good	Good Bifurcates at 5M	None	30+	B2

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	112	H' beam	10	MA	232	2,2,2,2	2	Good	Good	None	40+	A1
	113	Sycamore	14	M	750 R= 7.5	3,3,3,3	2	Good	Three clear stems, no major defect	None	40+	A2
	114	Hawthorn	5	YM		2,2,2,2	2	Dead	Average	Fell	>10	R
	115	Sycamore	6	Y	120	2,2,2,2	2	Good	Good	None	40+	C2
	116	Holly	12	MA	253 R= 3.03	1,2,3,2	0	Good	Trifurcates at 5M	None	30+	B2
	117	Holly	7	M	244	0,7,2,2	0	Good, but suppressed	Extreme lean and sucker growth	Crown reduce or fell	10+	C2
	118	Horse chestnut	8	Y	228 R= 2.73	2,1,2,4	2	Leaf miners	Suppressed	None	20-40	B2
	119	Sycamore	18	M	515 oi R= 6.18	4,2,2,4	8	Good	Good forks at 6M deadwood over footpath	Remove major deadwood	20-30	B2
	120	Sycamore	20	M	445 oi R= 5.34	3,3,2,4	4	Good	Good	Sever ivy	20-30	B2
	121	Evergreen Oak	13	MA	488	4,0,0,6	2	Good	Ivy. Extensive Lean. Suppressed	No current action	10-20	C2
	122	E' oak	15	MA	587	6,3,1,6	2	Good	Extensive root decay	Fell	<10	R



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	123	Evergreen Oak	15	M	771	6,6,2,5	0	Good	Stem measured below cavity at 1.2M. Deadwood over footway.	Fell	<10	R
	124	Hazel	5	Y	M/S R= 2	2,2,2,2	0	Good	Good, multi stemmed coppiced tree.		20-40	B2
	125	Horse chestnut	5	Y	097	1,2,2,2	1	Good	Good		40+	C2
	126	Sycamore	17	M	695 R= 8.34	6,8,4,5	4	Good	Dominant large tree.	Sever ivy.	40+	A2
	127	Sycamore	17	MA	368	3,2,2,2	1	Good	Ivy. Previous pruning wounds	Sever ivy remove deadwood over footway.	10-20	C2
	128	Sycamore	17	M	494 oi R = 5.92	4,4,4,2	10	Good	Bifurcation at 5M. Deadwood not over footway	Sever ivy	40+	A2
	129	Sycamore	17	MA	430 R= 5.16	3,4,3,3	0	Good	Ivy. Suckers	Sever ivy	20-40	B2
	130	Sycamore	15	MA	442	5,2,2,4	4	Good	Lean to the north. Bifurcation at 5M	No action	10-20	C2
	131	Evergreen Oak	14	M	591	6,0,4,3	2	Good	Decay in lower stem	Fell	<10	R
	132	Horse chestnut	16	M	645	4,3,5,4	0	Extensive leaf minor attack	Some stem damage. Ivy	Sever ivy, monitor level of infection	10-20	C2

Prev No	Tree Tag No	Species	Tree Height M	Age Class	Stem Diam' Mm (d) R RPA	Branch Spread.	Crown AGL	Physiological Conditions.	Structural Condition.	Prelim Management Recommendations	Est' Years left.	Cat Grade
	133	Sycamore	16	MA	368 R = 4.42	4,2,3,3	4	Good	Large previous pruning wounds, minor deadwood.	No action	20-40	B2
	134	Sycamore	17	M	640 oi	3,5,6,4	4	Good	Ivy. Damage to wall. Poor bifurcation at 8M	No current action	10-20	C2
	135	Sycamore	17	MA	511 R = 6.13	4,3,4,4	4	Good	Good		20-40	B2
	136	Bay	7	M	Av 150	2,2,6,2	0	Good	Multi-stemmed	Crown lift to clear footway.	10-20	C2
	137	Sycamore	17	MA	420 oi 367 420	5,2,5,2	3	Good	Three stems, ivy in bifurcation. Tight forks, large buttress roots		10-20	C2
	138	Old Oak stump	4			2,2,2,2	0	Dead	Ivy covered.	Retain for habitat		R
	139	Sycamore	18	MA	397 R = 4.76	4,2,3,3	3	Good	Has been used as air gun target	Remove major deadwood over footway.	20-40	B2
	140	Sycamore	17	M	423 R= 5.07	4,2,4,3	3	Good	Ridging in the bifurcation at 4M	None	20-40	B2
	141	Sycamore	17	MA	367	3,2,2,2	8	Poor	Minor deadwood, Spartan foliage.	Sever ivy	10-20	C2
	142	Sycamore	20	M	644	4,4,5,0,	8	Good	Poor trifurcation at 6M. Possible lapsed pollard.		10-20	C2

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	143	Lime	13	Y	352 R = 4.22	4,3,4,4	0	Good	Good		40+	A2
	144	Lime	13	Y	282 R= 3.38	3,4,4,3	2	Good	Good		40+	A2
	145	Sycamore	18	M	E650	3,7,8,3	2	Good	Large cavity at base and in main stem	Fell to habitat stump	<10	R
	146	Sycamore	18	M	574	6,3,4,1	3	Good	Good	Good	10-20	C2
	147	Sycamore	20	M	439	6,4,4,3	3	Good	Old re-grown coppice. Centre stem requires work that may expose retained stems	Carry out remedial work and crown reduce by 30%to reduce risk of other stem failure	10-20	C2
	148	Sycamore	20	M	764	8,6,4,6	3	Good	Poor fork, tight union. Large previous pruning wound. Elder in fork	Monitor	10-20	C2
	149	Sycamore	19	MA	471 R = 5.65	5,3,2,2	3	Good	Bifurcates at 5M		40+	A2
	150	Elm	8	Y	169	2,2,4,2	2	Good	Good	Likely to contract DED.	<10	R
	151	Lime	12	MA	250 R = 3	4,4,4,4	2	Good	Good		40+	A2

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	152	Oak	18	M	488	4,5,4,5	4	Good	Fracture through stem at 8M. Major deadwood and hanging branch	Crown reduce by 30% removing defective branches and deadwood.	10-20	C2
	153	Oak	17	M	618	6,4,6,6	4	Good	Large cracked branch in upper canopy	Crown reduce to remove defective branches and reshape canopy.	10-20	C2
	154	Evergreen Oak	18	OM	1017	5,11,3,5	4	Good	Previously pollarded. Loss of companion shelter	Re-pollard within 5 years	10-20	C2
	155	Evergreen Oak	15	M	651	5,11,4,1	2	Poor	Previously pollarded.	Re-pollard within 5 yrs	10-20	C2
	156	Evergreen Oak	12	MA	202	2,2,2,2	0	Average.	Suppressed, bifurcates at 1M small cavity at base		10-20	C2
	157	Sycamore	18	M	506 R = 6.07	5,5,0,2	6	Good	Large bark wound		20-40	B2
	158	Evergreen Oak	15	FM	1092 R = 13.1	8,8,8,9	5	Good	Buttress roots contain some decay. Subsided limbs to the West.	Remove defective limb over footway and major deadwood.	20-40	B2
	159	Evergreen Oak	15	M	734	2,2,9,0	6	Good	Extensive basal cavity. Leans east, further cavity at 4M	Fell	<10	R
	160	Evergreen Oak	12	M	550	3,6,2,4	4	Good	Poor suppressed from distorted limbs due to loss of companion shelter	Fell	<10	R

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	161	Evergreen Oak	15	M	868	7,6,2,7	3	Good	Root damage, possible contamination from 162	Fell	<10	R
	162	Evergreen Oak	13	M	E550	0,8,3,3	2	Good	Fungal bracket at base, possibly Ganoderma	Fell	<10	R
	163	Horse chestnut	14	M	960	3,8,5,4,	2	Leaf minor	Exudation likely to be Psuedomona syringa.	Work required to balance crown following loss of companion shelter	10-20	C2
	164	Sweet Chestnut	13	OM	Over 1M R= 4 if coppic	3,3,3,3	0	Good.	Old pollarded stump, basal growth restricted inspection. Large bark wounds.	Fell main stem.  Leave new shoots to coppice.	<10 20-40	R B2
	165	Holly	6	MA	194	1,4,3,2	0	Good	Leans SW		10-20	C2
	166	Holly	9	MA	223	3,2,2,2	0	Good	Basal decay. Suckers are regrown coppice	Fell main stem	10-20	C2
	167	Evergreen Oak	9	M	419	5,4,2,5	0	Good	Large wound in stem at 4M	Pollard for habitat or fell	<10	R
	168	Ash	17	OM	1033 R= 12.4	5,9,5,8	5	Good	Large wound at 4M Dominant tree in area.		20-40	B2
	169	Evergreen Oak	12	MA	456	4,4,4,2	2	Good	Poor form		10-20	C2

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	170	Sycamore	16	M	474	4,2,5,1	0	Good	Larger piece of deadwood noted.	Sever ivy and re-inspect	10-20	C2
	171	Bay	8	M	228 + 172	4,2,4,1	0	Good	Twin stemmed tree.	Prune to clear footway.	10-20	C2
	172	Sycamore	13	MA	244	2,1,2,2	0	Good	Leans NW. Deadwood no target		10-20	C2
	173	Sycamore	13	MA	267	4,0,0,4	0	Good	As above		10-2	C2
	174	Holly	12	MA	282	2,2,2,2	0	Good	Previously pollarded at 4M	No current action.	10-20	C2
	175	Sycamore	15	M	494 oi	3,3,5,4	0	Good.	Ivy restricts inspection. Deadwood, no target.	Sever ivy and re-inspect	10-20	C2
	176	Ash	16	M	503 R = 6.03	8,0,5,6	10	Good	Loose bark. Minor lean.		20-40	B2
	177	Holly	12	M	270 + 284	4,2,2,4	0	Good	Three stems. Ivy.	Sever ivy	10-20	C2
	178	Ash	18	M	656 R = 7.87	6,8,5,8	8	Good	Minor basal cavity.	Remove deadwood over bench	40+	A2
	179	Hawthorn	8	M	302 R = 3.62	3,1,2,2	0	Good	Suppressed old pollard.		20-30	B2
	180	Sycamore	6	Y	94	2,2,2,2	0	Good	Regrowth from old ivy stump. Do not allow to develop	Advise it be felled.	10-20	C2

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	181	Sycamore	15	MA	e450 R= 5.4	6,2,2,3	2	Good.	Ivy. Suppressed. Leans North	Sever ivy.	20-40	B2
	182	Sycamore	16	MA	235	2,2,2,2	4	Poor	Three stems two in decline.	Fell all stems.	<10	R
	183	Holly	11	M	317	3,2,3,2	0	Poor	Bifurcates at 1M Spartan foliage		10-20	C2
	184	Oak	16	M	e650 R= 7.8	5,8,3,6	5	Good.	Good	Remove major deadwood over footway	40+	A2
	185	Ash	18	MA	366 + 350	5,5,3,3	2	Good	Three stems tight union. Fracture centre stem	Remove deadwood over footway	10-20	C2
	186	Horse chestnut	10	Y	332 R= 3.98	2,3,2,3	0	Leaf minors	Good	Remove hanging branch and deadwood over footway	20-40	B2
	187	Ash	18	M	435 R= 5.22	5,3,5,2	8	Good	Large branch lost in upper canopy	No current action	20-40	B2
	188	Elm stump	1		400					Remove as trip hazard.		R
	189	Ash	18	MA	334 R = 4	3,3,3,3	10	Good	Good		40+	A2
	190	Holly	8	MA	154	2,3,2,2	0	Average	Good		10-20	C2
	191	Sycamore	17	MA	434 R = 5.2	4,5,3,6	3	Good	Good	Remove deadwood over footpath	20-40	B2

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	192	Sycamore	18	MA	e450 R=5.4	4,3,5,1	0	Good	Good	Sever ivy and re-inspect	20-40	B2
	193	Sycamore	18	MA	e280	2,1,1,2	0	Good	Tall thin tree. Ivy		10-20	C2
	194	Sycamore	18	M	e370 R=4.44	4,5,6,2	0	Good	Ivy. Sucker growth restricts inspection.	Sever ivy, remove suckers and re-inspect.	20-40	B2
	195	Sycamore	18	MA	359 4.3	3,2,6,1	0	Good	Bark wound. Bifurcation at 5M. Imbalanced crown	Sever ivy and re-inspect.	20-40	B2
	196	Copper Beech	10	Y	156	3,2,2,2	2	Good	Good	Class by size only	40+	C2
	197	Sycamore	18	M	470 R=5.64	2,6,2,3	6	Good	Good. Deadwood not over footway		20-40	B2
	198	Bay	11	M	M/S Av 150	4,4,4,4	0	Good	Multi-stemmed shrub	Some fallen stems require removal	10-20	C2
	199	Holly	12	M	319	3,3,3,3	0	Good	Good		10-20	C2
	200	Sycamore	18	MA	318 oi	5,4,4,2	10	Good	Large pruning wound decay in main stem		10-20	C2
	201	Sycamore	17	M	453 R= 5.4	6,6,4,3	0	Good	Good		20-40	B2
	202	Elder	6	MA	129	1,1,2,0	0	Good	Edge tree.		10-20	C2



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	203	Sycamore	16	M	474 oi	4,1,5,1	10	Good	Ivy	Sever ivy and re-inspect	10-20	C2
	204	Ash	6	Y	051	1,1,1,1	2	Good	Good		40+	C2
	205	Not found										
	206	Sycamore	18	M	e480 R = 5.76	6,5,4,6	4	Good	Ivy. Deadwood but no target	Sever ivy and re-inspect.	20-40	B2
	207	Sycamore	18	M	462 R= 5.54	3,5,4,4	4	Good	Bifurcates at 5M		20-40	B2
	208	Plum	5	M	306	0.5.2.4	1	Average	Decay at base severe lean.	Fell	<10	R
	209	Copper beech	17	MA	463 R = 5.56	4,4,4,4	3	Good	Some foliage discolouration, minor die back, deadwood not over footway		20-40	B2
	210	Sycamore	15	MA	209	2,2,2,2	4	Good	Good. Tall thin tree.		10-20	C2
	211	Sycamore	17	M	408 R= 4.9	4,2,5,2	0	Good	Bark wound at 1M root linked		20-40	B2
	212	Sycamore	17	M	306 R= 3.67	1,1,5,2	0	Good.	Root linked, companion shelter.		20-40	B2
	213	Hawthorn	6	Y	078	0,2,2,0	0	Good	Good		10-20	C2

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	214	Sycamore	15	M	376 R = 4.51	4,1,6,4	3	Good	Imbalanced crown. Group tree. Deadwood not over footway.		20-40	B2
	215	Sycamore	18	M	414	6,3,3,4	0	Good	Poor fork. Large pruning wound		10-20	C2
	216	Evergreen Oak	16	M	502	5,4,4,6	0	Good	Twin stemmed tree, forks at ground level. Old fallen tree. Decay in other stems	Reduce to monolith do not allow new stems to develop unless they re-root		R
	217	Evergreen Oak	16	M	607	5,5,4,4	0	Good	Large stem detached. Too low over footway.	Fell to leave one stem only		R
	218	Mountain Ash	7	M	177	0,2,2,2	5	Poor	In decline	Fell	<5	R
	219	Bay	8	M	Av 150	3,4,4,3	0	Good	Multi stemmed.	Prune to clear car park	10-20	C2
	220	Holly	8	M	342	3,3,3,0	0	Good	Tree forms one canopy with adjacent trees.		10-20	C2
	221	Holly	11	M	396	3,4,2,2	0	Good	Tree forms one canopy with adjacent trees	None	10-20	C2
	222	Holly	8	MA	188	2,2,0,2	0	Good	Tree forms one canopy with adjacent trees	None	10-20	C2
	223	Holly	7	MA	187 X4	2,3,2,3	0	Poor	Four stemmed tree. Two stems in decline	Fell entire tree.	<10	R
	224	Apple	9	M	352	4,4,1,5	2	Average	Extensive decay at base	Fell	<10	R

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	225	Sycamore	15	MA	274	4,4,3,3	0	Good	Four stemmed tree, as re-grown coppice. Decay at base will lead to instability	Fell	<10	R
	226	Bay	11	M	194	4,4,3,3,	0	Good	Multi stemmed tree. Largest stem measured.		10-20	C2
	227	Hawthorn	7	M	293	3,4,2,4	2	Good	Poor fork at base large wound on Eastern stem.	Remove stem in the near future, or fell entire tree	<10	R
	228	Apple	7	OM	383	3,4,1,5	2	Good	Large basal cavity	Fell	<10	R
	229	Yew	8	Y	276	3,3,3,3	2	Good	Poor bifurcation at 2.5M.	Monitor fork	10-20	C2
	230	Apple	5	M	124	0,20,2	2	Dead		Fell	<10	R
	231	Sycamore	17	M	483 R = 5.8	2,6,5,5	4	Good		Remove major deadwood	20-40	B2
	232	Sycamore	18	MA	255 R= 3.06	2,3,0,3	0	Good	Form one canopy with T233		20-40	B2
	233	Sycamore	18	MA	373 R = 4.47	3,4,3,0	0	Average	Twin stemmed tree, entering decline		20-40	B2
	234	Bay	5	M	MS	3,3,2,3	0	Average		Clear building	10-20	C2
	235	Holly	6	M	200	2,2,2,2	0	Good	Twin Stemmed	None	<20	C2

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	236	Oak	16	M	789 R=9.5	6,8,5,3	4	Good	Minor dead branches. Minor basal decay.	Remove deadwood near seat.	40+	A2
	237	Holly	6	YM	120	2,2,2,2	0	Dead	Twin Stemmed	Fell	<5	R
	238	Sycam'	16	YM	324	2,2,2,2	0	Good	Suppressed. Basal suckers		<20	C 2
	239	Holly	12	YM	175	3,3,3,3	2	Good	Twin stemmed. One leans		<20	C2
	240	Sweet Chestnut	15	OM-V	Est 1000 R= 12	4,2,2,5	0	Good	Some die back and storm damage	Crown reduce within 5 years. Feature tree.	<40	B2
	241	Holly	10	M	372 R= 4.46	2,5,2,3	0	Good	Multi stemmed. Leans South	Crown lift over footpath.	<40	B2
	242	Holly	10	M	205oi	1,2,2,2	0	Good	Basal growth has layered		<20	C2
	243	Holly	9	M	263	3,1,2,2	0	Good	Suppressed		<20	C2
	244	Ash	18	M	507 R=6.1	3,3,3,3	4	Good	Co dominant stems	Sever ivy.	+40	A2
	245	Yew	6	YM	174 R = 2.08	3,3,3,3	0	Good	Co dominant stems		+ 40	A2
	246	Sycam'	13	YM	222	0,2,2,2	8	Good	Poor fork at 4M		<10	R
	247	Sycam'	7	Y	135oi	2,2,2,2	2	Good	Large cavity, leans.	Fell	<10	R
	248	Yew	10	M	324 R=3.9	4,2,2,2	2	Good	Large bark wound relates to loss of apical leader.	Crown lift over footpath	<40	B2
	249	Sycam'	19	M	484	5,4,3,4	1	Good	Very large bark wound	Fell to habitat stump	<5	R
	250	Sycam'	19	M	450	4,4,4,4	0	good	Basal suckers	No action	20-40	C2

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	251	Sycam'	17	YM	370oi R=4.4	2,2,2,2	3	Good	Sever ivy	Sever ivy	+40	A2
	252	Sycam'	8	M	E60	2,1,2,2	0	Average	Re-grown windblow.	Retain for habitat	<20	C2
	253	Ash	10	Y	130oi	2,2,3,2	0	Good	Suppressed leans East		40+	C2
	254	Sycam'	16	YM	308	4,1,2,2	6	Good	Imbalanced crown	Will damage wall if retained	<20	C2
	255	Ash	5	Y	50	1,1,1,1	0	Good		Transplantable	40+	C2
	256	Horse Chesnut	5	Y	70 oi	2,2,2,2	2	Good	Twin stemmed	Sever ivy.	40+	C2
	257	Sycam'	7	Y	105	2,2,2,1	1	Good			40+	C2
	258	Cornus "Dog wood	7	OM	405oi	4,4,4,4	0	Good	Woodland shrub.		<20	C2
	259	Sycam'	8	YM	310oi	4,3,3,4	0	Good	Leans North	Sever ivy	<20	C2
	260	Apple	7	M	E50oi	6,3,3,3	0	Average	Multi-stemmed	Sever ivy	<20	C2
	261	Sycam'	12	YM	232	6,3,2,3	0	Good	Stem defect, S side 3M bark wound on primary limb	Fell	<10	R
	262	Sycam'	14	YM	350oi R=4.2	6,4,3,3	1	Average	Twin stemmed. One stem in decline	Remove dying stem as over car park	<20	C2
	263	Sycam'	13	YM	275oi	4,3,3,1	1	Good	Twin stemmed		<20	C2
	264	Wild Plum	4	YM	100oi	2,0,1,1	1	Good	Poor quality tree, heavy lean.		<10	R
	265	Apple	4	M	276	3,0,2,2,	2	Average	Large stem cavities	Fell	<10	R

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	292	Sycam'	23	M	750oi	3,3,4,4	0	Average	Extensive ivy. Die back on South side. Deadwood in all canopy	Sever ivy and re-inspect	<20	C2
	293	Sycam'	23	M	660oi R= 7.92	4,7,4,4	0	Good	Poor fork in central stem. East stem suppressed. Deadwood noted	Remove major deadwood	<40	B2
	294	Sycam'	20	YM	330 oi	3,2,0,3	0	Good	Leans West Imb crown.		<20	C2
	295	Sycam'	22	YM	360 oi	2,2,3,0	4	In decline	Die back, loss of bark S' stem		<10	R
	296	Sycam'	22	YM	26-39 Ave 340 R= 4.1	4,4,2,2	0	Good	Multi-stemmed, not possible to measure above root flare. Tight fork, cannot retain without root loss.	Reduce above fork if retained.	<20	C2
	301	Sycam'	22	M	620 oi R= 7.44	5,1,3,4	0	Good	Poor bifurcation 2M. Ridging both sides.	Fell / reduce in near future is site use intensified.	<10	R
	306	Elder	4	M	149	0,3,4,0	0	Average	Winblown in past	Fell	<10	R
	307	Elder	3	M	110	0,3,3,0	0	Poor	Windblown in past	Fell	<10	R
	308	Sycam'	22	M	750 oi	7,3,4,4	7	Good	Decay in N' Stem	Sever ivy and re-inspect	<40	B2
	309	Sycam'	22	M	445 oi R= 5.3	6,1,6,1	6	Good	Leans. Companion shelter to 308		<40	B2
	310	Ash	5	Y	082	1,1,1,1	3	Good	Leans SE	Transplant?	40+	C2
	311	Ash	9	Y	132	0,1,1,1	3	Good	Leans South		40+	C2
	312	Ash	8	Y	114	1,1,1,1	3	Good	Fork at 2M		40+	C2

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