

APPENDIX 1

TREE SURVEY EXPLANATORY SHEET

Height	in metres (estimated where ground uneven or access restricted).
Stem count	number of stems
Stem diameter	in mm. at 1.5m. above ground level.
Branch spread	radial spread in metres at four main compass points (estimated where no access).
Age class	Young - Y Middle aged - MA Mature - M Over mature - OM Veteran - V
Height of crown clearance	in metres. Normally range of heights of outer branches above ground level, e.g. 2-4m.
Physiological condition	Good, Fair, Poor, Dead, Variable
Estimated remaining contribution	in years e.g. less than 10, 10-20, 20-40, 40+
Category grading	see attached sheet
Structural condition	comment on presence of defects, decay, crown form, past management, deadwood, other features worthy of note. N.B. If trees are ivy clad, no full structural assessment will have been possible.
Preliminary management recommendations	requirements of further investigations, works necessary to alleviate potential hazards based on current setting and levels of access. NB: Works that may be necessary in relation to development are not included here

CASCADE CHART FOR TREE QUALITY ASSESSMENT

TREES FOR REMOVAL				
Category and definition	Criteria			Identification on plan
Category U Those in such a condition that any existing value would be lost within 10 years and which should, in the current context, be removed for reasons of sound arboricultural management	- 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 R category trees (i.e. 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 (e.g. Dutch elm disease), or very low quality trees suppressing adjacent trees of better quality NOTE Habitat reinstatement may be appropriate (e.g. R category tree used as a bat roost; installation of bat box in nearby tree.)			DARK RED
TREES TO BE CONSIDERED FOR RETENTION				
	Criteria - Subcategories			
	1. Mainly arboricultural values	2. Mainly landscape values	3. Mainly cultural values, including conservation	Identification on plan
Category A Those of high quality and value: in such a condition as to be able to make a substantial contribution (a minimum of 40 years is suggested)	Trees that are particularly good examples of their species, especially if rare or unusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands which provide a definite screening or softening effect to the locality in relation to views into or out of the site, or those of particular visual importance (e.g. avenues or other arboricultural features assessed as groups)	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	LIGHT GREEN
Category B Those of moderate quality and value: those in such a condition as to make a significant contribution (a minimum of 20 years is suggested)	Trees that might be included in the high category, but are downgraded because of impaired condition (e.g. presence of remediable defects including unsympathetic past management and minor storm damage)	Trees present in numbers, usually as groups or woodland, such that they form distinct landscape features, thereby attracting a higher collective rating than they might as individuals but which are not, individually, essential components of formal or semi-formal arboricultural features (e.g. trees of moderate quality within an avenue that includes better, A category specimens), or trees situated mainly internally to the site, therefore individually having little visual impact on the wider locality	Trees with clearly identifiable conservation or other cultural benefits	MID BLUE
Category C Those of low quality and value: currently in adequate condition to remain until new planting could be established (a minimum of 10 years is suggested), or young trees with a stem diameter below 150mm.	Trees not qualifying in higher categories	Trees present in groups or woodland, but without this conferring on them significantly greater landscape value, and/or trees offering low or only temporary screening benefit.	Trees with very limited conservation or other cultural benefits	GREY
NOTE: Whilst C category trees will usually not be retained where they would impose a significant constraint on development, young trees with a stem diameter of less than 150mm should be considered for relocation				

TREE INSPECTIONS AT
PURBROOK PARK SCHOOL, PARK AVENUE, PURBROOK, WATERLOOVILLE, HAMPSHIRE

Tree ref. no.	Species	Height (m.)	Stem Count	Stem diameter or equivalent (mm.)	Branch spread (m.)				Age class	Ht. of crown clearance (m.)	Physiological condition	Estimated remaining contribution (years)	Category grading		Structural condition	Preliminary management recommendations
					N	E	S	W								
1	Horse Chestnut	17	1	c900	c7	6	5	8.5	M	2.5+	Unconfirmed	20-40	B	2	Twin stemmed at 2m. Crowded to E. No basal inspection as located in adjoining garden.	
2	Laburnum	4	Multi	150	0	3	2	1	Y	2+	Dead	-	U		Dead. Leaning S. Located in adjoining garden therefore no basal inspection.	Request owners to fell.
3	Holm Oak	21	Multi	<1800	c10	10	9.5	11.5	M	2+	Unconfirmed	40+	A	2	Multi stemmed near ground level and from under 3m. Several lower stem tear wounds. Heavily reduced back to S. in past. Located in adjoining garden therefore no basal inspection.	
4	Sycamore	15	1	c400	c3	4.5	5	1.5	M	4+	Unconfirmed	20-40	B	2	Crown raised in past. No basal inspection as located in adjoining garden.	
5	Sycamore	6	1	c150	c3	4	3	2.5	Y	2+	Unconfirmed	20-40	C	2	Suppressed. Leaning SE. No basal inspection as located in adjoining garden. Kinked lower stem.	
6	Monterey Cypress	17	1	c550	c5	2	3.5	3	M	7+	Unconfirmed	20-40	B	2	Crowded. High crown. Minor dieback. Located in adjoining garden therefore no basal inspection.	
7	Sycamore	13	1	c350	c10	3.5	3.5	2	M	3+	Unconfirmed	20-40	C	2	Crowded. Leaning SE. No basal inspection as located in adjoining garden.	

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					N	E	S	W							
8	Sycamore	13	1	c180	c6	6.5	2	2.5	Y	1+	Unconfirmed	10-20	C 2	Drawn up. Leaning N. Heavily crowded. Located in adjoining garden therefore no basal inspection.	
9	Monterey Cypress	16	1	c400	c5	3.5	3.5	2.5	M	1+	Unconfirmed	20-40	C 2	Crowded. Located in adjoining garden therefore no basal inspection.	
10	Scots Pine	17	1	c700	c3	3	4	3.5	M	8+	Poor	10-20	C 1	Slight crown thinning. High crown. Deadwood. Ivy clad therefore no basal inspection. Upper stem lean to S. Possible needle blight.	Deadwood crown.
11	Common Oak	16	1	c850	c7	5	5	1.5	M	5+	Unconfirmed	20-40	B 2	Ivy clad base therefore no basal inspection. Past crown raising. Crowded. Leaning NE. Multi stemmed at 6m. Lower stem epicormics.	
12	Monterey Cypress	9	1	c250	c4	1	3	4	Y	0+	Unconfirmed	40+	C 2	Crowded. Leaning N. Located in adjoining garden therefore no basal inspection.	
13	Monterey Cypress	18	1	c650	c5	1.5	4	3.5	M	5+	Poor	<10	U	Twin stemmed from 2.5m with long weak unions. Located in adjoining garden therefore no basal inspection.	

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					N	E	S	W							
14	Monterey Cypress	7	2	c140	c1	1.5	3.5	0.5	Y	3+	Poor	<10	U	Located in adjoining garden therefore no basal inspection.	
15	Monterey Cypress	18	1	c700	c6	3	4	2	M	4+	Unconfirmed	20-40	B	Crowded. Located in adjoining garden therefore no basal inspection. Splayed upper crown.	
16	Monterey Cypress	14	1	c700	c5	6	4.5	2	M	2+	Unconfirmed	10-20	C	Crowded. Located in adjoining garden therefore no basal inspection. Upper crown dieback.	
17	Portugal Laurel	6	2	340	3	3	4.5	4.5	M	1.6+	Fair	20-40	C	Leaning W. Twin stemmed at 60cm. W. stem dominant. Crowded to N.	
18	Holly	8	4	260	c3	3	2.5	2	Y	1.5+	Fair	20-40	C	Four stems near ground level. Leaning S.	
19	Sycamore	9	1	210	3	2	1.5	1	Y	3+	Fair	40+	C	Leaning E.	
20	Sycamore	10	Multi	240	1.5	3	3	1	Y	3+	9	<10	U	Three stems near ground level. Squirrel damage.	Consider felling.
21	Rowan	8	1	190	c3	2.5	1.5	1.5	Y	1.3+	Fair	40+	C	Crowded. Becoming ivy clad.	
22	Sweet Chestnut	11	1	390	5	2	5	4.5	MA	4+	Good	40+	B	Crown raised in past. Wounding in upper surface on lowest limb to S.	Remove lowest S. limb.

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					N	E	S	W						
23	Cypress var.	5	1	c200	c2	2.5	2	1.5	Y	2.5+	40+	C	2	Leaning E. Topped at current height. Located in adjoining garden therefore no basal inspection.
24	Sweet Chestnut	12	1	460	4.5	4	4.5	3	MA	5+	40+	B	2	Crown raised in past. Base becoming ivy clad. Wounding in upper surface on lowest S. limb. Wounding to large surface root to SE.
25	Holly	9	3	360	2	3.5	3.5	4.5	MA	1.6+	20-40	C	2	Three stems near ground level. One dominant. Becoming ivy clad.
26	Lawson Cypress var.	6	Multi	c250	2	2	2	2	MA	1.5+	20-40	C	2	Located in adjoining garden therefore no basal inspection. Densely multi stemmed from under 1m.
G27	Cypress	<5	1	<150	<2	<1	<3	<1	Y	1.3+	20-40	C	2	Screen planting located in adjoining garden therefore no basal inspection. Recently topped. Long limbs to S.
28	Hazel	5	1	c100	0.5	3	3	1	Y	1.8+	<10	U		Crowded. Heavily ivy clad therefore no basal inspection. Dieback.
29	Cypress var.	6	1	c200	c2	2	2	2	Y	1.3+	40+	C	2	Located in adjoining garden therefore no basal inspection.

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					N	E	S	W								
30	Ash	9	2	c280	c4	4	4	3	Y	1+	Unconfirmed	20-40	C	2	Twin stemmed from under 1m. Topped at circa 3m-4m in past. Located in adjoining garden therefore no basal inspection.	
31	Lime	18	1	c1000	c4	c4	c5	c4	M	4+	Unconfirmed	20-40	B	2	Located in adjoining garden therefore no basal inspection. Heavily reduced in last three years. Multi stemmed at 6m-8m.	
32	Sycamore	14	1	c300	c3	c4	c4	c4	MA	3+	Unconfirmed	20-40	B	2	Ivy clad base and located in adjoining garden therefore no basal inspection.	
G33	Yew	<4.5	1	<80	<2.5	c1.5	1	1.5	Y	0+	Unconfirmed	40+	C	2	Screen hedge side clipped in past to W. Located in adjoining garden therefore no basal inspection.	
34	Hawthorn	8	2	c250	3	3	3	3	M	2+	Unconfirmed	20-40	C	2	No basal inspection as no access. Twin stemmed at 1.2m. Topped at 5m in past.	
35	Hawthorn	7	1	c160	2	c3	1	2.5	M	3+	Unconfirmed	20-40	C	2	No basal inspection as no access. Crowded. High crown. Topped at circa 5m in past.	
36	Hawthorn	7	1	c130	1	c.1	0.5	1.5	M	3+	Poor	<10	U		Heavily crowded. No basal inspection as no access. Topped a circa 5m in past. Appears dead.	Fell.

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					N	E	S	W								
37	Common Oak	12	1	c300	5	c5	0	3	Y	4+	Unconfirmed	10-20	C	1	No basal inspection as no access. Heavily crowded. Pollarded at 6.5m in past. Crown raised.	
38	Sycamore	12	1	c250	3	c4	1	0.5	Y	3+	Unconfirmed	10-20	C	1	No basal inspection as no access. Heavily crowded. Pollarded at 6.5m in past. Crown raised.	
39	Sycamore	12	1	c400	1.5	0.5	2.5	4.5	MA	5+	Unconfirmed	<10	U		No basal inspection as no access. Heavily crowded. Pollarded at 6.5m in past. Crown raised. Decay of pollard points.	
40	Sycamore	12	1	c200	2	c1.5	2.5	4	Y	4+	Unconfirmed	40+	C	2	No basal inspection as no access. Crowded to E.	
41	Elm	12	1	c250	3	c4	4	3	Y	3+	Unconfirmed	10-20	C	1	No basal inspection as no access.	
42	Common Oak	11	2	210	0.5	c2	2	4	Y	4+	Unconfirmed	20-40	C	2	Twin stemmed at 1m. No basal inspection as no access. Crowded.	
43	Sycamore	12	1	c350	4	c5	2.5	3.5	MA	4+	Poor	<10	U		Pollarded at 5m-6m in past with decay. Ivy clad stem therefore no basal inspection.	
44	Common Oak	12	1	c200	2	c6	1	1	Y	5+	Poor	10-20	C	1	Pollarded at circa 5m in past. Heavily crowded. Crown leaning E. Ivy clad therefore no basal inspection.	

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Broad Oak Tree Consultants Ltd.
April 2014

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					N	E	S	W						
G45	Sycamore	<13	Multi	<200	3	c5	2	2	3+	Variable	0-20+	C/U	Ownership unclear. Cluster of stems. Crowded. Several decayed at base.	Fell if in ownership.
46	Common Oak	15	1	490	9	c6	2.5	4	3.5+	Fair	40+	C	Suppressed. Contorted crown to N. Past crown raising.	
47	Sycamore	16	1	450	3	3.5	2.5	2.5	6+	Fair	20-40	B	High crown. Recent branch loss to N.	
48	Hawthorn	5	2	140	3.5	1	1.5	2	0+	Fair	20-40	C	Twin stemmed from under 1m. Ivy clad. Overtopped.	
49	Hawthorn	7	1	150	3	c3	1	3	1.5+	Fair	20-40	C	Overtopped. Ivy clad. Crowded.	
50	Common Oak	15	1	c400	3.5	c6	6.5	5	1.2+	Unconfirmed	40+	B	No basal inspection. Ivy clad.	
51	Elm	11	1	c160	1	1	1	0	8+	Dead	-	U	Dead. Risk of falling into adjoining garden.	Fell.
G52	Hawthorn	<9	1	<250	3	3	2	3	1+	Variable	40+	C	Cluster of stems. Ivy clad.	
53	Hawthorn	7	2	280	2	c3.5	2	2	2+	Poor	<10	U	Crown dieback. Twin stemmed at 1.3m. Multi stemmed at 2m.	
54	Sycamore	9	2	210	1.5	c3.5	3	2	2+	Fair	40+	C	Twin stemmed near ground level. Crowded.	
55	Lawson Cypress	8	1	c250	2	c2.5	2	1.5	2+	Unconfirmed	40+	C	Ownership unclear. Stem wounding. Growing over shed. No basal inspection.	