

Tree condition survey

at

Public Gardens, Alton

for

Alton Town Council

sapling arboriculture ltd

Ben Abbatt
Dip. Arb. (RFS), BA (Hons), MICFor, MRICS, CEnv
Arboricultural Association Registered Consultant



Holbache Mount Pleasant Road, Alton, Hants,
GU34 2RS

t: 01420 550 160
e: enquiries@saplingarboriculture.com
w: www.saplingarboriculture.com

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Instruction

The tree survey is to be carried out in relation to the landowner's duty under the Occupier's Liability Act 1984 and common law. The tree survey will be carried out from ground level, identifying significant tree features that may have significant bearing upon the condition and management of the tree and giving appropriate recommendations and priorities.

Typical significant defects that are to be identified can be referred to in "Hazards from Trees, a general guide" by David Lonsdale and "The body language of trees" by Claus Mattheck published by the Forestry Commission and the Department of the Environment respectively.

TREE CONDITION SURVEY SHEET

Site Public Gardens, Alton

Client Alton Town Council

Date 13th November 2018

Surveyed by Ben Abbatt

TREE NO	SPECIES	HEIGHT	AGE CLASS	CONDITION		RECOMMENDATIONS	PRIORITY
1	Yew	c10	Mature	Fair	Intermediate canopy. Lower than normal leaf size and density. Touching / grafted stems at 3m.	Mulch with wood chip to c75mm settled depth to reduce compaction around base of tree to 3m radius to improve growing conditions.	Moderate
2	Wellingtonia	c23	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Top lost with 3 subsidiary stems from c13m. Tree grows slightly towards North East. Some minor deadwood and small hanging branches in upper crown. Mechanical damage at base.	Cut turf and remove within 0.5m radius of tree base to depth of 50mm and replace with wood chip to settled depth of 75mm.	Moderate
3	Holly	c8	Mature	Fair	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Two stems from 300mm, minor inclusion.	No works required at time of survey.	-
119	Chamaecyparis x 2	c6-10	Middle aged	Fair	Suppressed canopy over adjacent car park. Good vitality shown by normal twig and leaf size, structure, colour and density.	Remove to allow adjacent trees to develop.	Low
4	Yew	c10	Mature	Fair	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Two stems from 2.5m, good union. Grows to East, out from under crown of T5. Low branches over car park.	Crown lift to 3m all round. Crown lift to 4m over car parking spaces.	Low Low

5	Lime	c23	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Typical minor (less than 25mm diameter) and occasional moderate deadwood (25 – 100mm diameter) throughout. Crown grows low over parking area. Single straight upright stem ivy to 8m and epicormic growth. Stored soil at base of tree.	Remove deadwood more than 25mm diameter. Crown lift to 5m all round. Remove epicormic growth twice a year from base to 3m to allow surveys.	Low Moderate Moderate
6	Lawson cypress	c10	Young	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Single straight stem. Stands under crown of T5.	Crown lift to 3m all round.	Low
7	Hawthorn	c8	Mature	Fair	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Stands under crown of T5.	Crown lift to 3m all round.	Low
8	Holly	c6	Mature	Fair	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Crown lift to 3m all round.	Low
9	Leyland cypress	c5	Young	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Stands under and growing up into crown of T10.	Crown lift to 3m all round.	Low

10	Lime	c23	Mature	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Typical occasional moderate deadwood (25 - 100mm diameter). Crown grows low over parking area. Series of branch reductions on branches in low canopy with mature regrowth. Two large stems from 3m, fork union not visible from ground. Epicormic growth and ivy on stem impeding survey.	Remove deadwood >25mm diameter from crown. Remove epicormic growth from base to 3m twice a year to allow survey. Crown lift to 5m.	Moderate Moderate Low
11	Juniper	<10	Mature	Fair	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Significant lean / growing South. Old pruning wound at base on South West side, now a cavity with decay.	No works required at time of survey.	-
12	Yew	<10	Middle aged	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	No works required at time of survey.	-
13	Poplar	c23	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Some small epicormic growth low down on stem. Large surface root with mower damage evident.	Crown lift to 4m all round.	Low
14	Ligustrum	c8	Mature	Fair	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Two stems from c0.5m, fair union. Wound at base on North side.	Cut turf and remove within 0.5m radius of tree base to depth of 50mm and replace with wood chip to settled depth of 75mm.	Low

15	Chamaecyparis	c18	Mature	Good	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Single straight stem. Crown low over footway. Evidence of footway damage likely caused by T15.	Crown lift to 4m all round.	Low
16	Yew	c9	Middle aged	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Minor included bark union at c2.5m.	No works required at time of survey.	-
17	Holly	c14	Mature	Good	Lower than normal leaf density. Crown grows low over footpath. Two stems from c2m with minor included bark union.	Crown lift to 3m all round.	Low
18	Holly	c14	Mature	Fair	Slightly sparse canopy. Crown grows low over footpath.	Crown lift to 3m all round.	Low
19 (within G1)	Lime	c3	Young	Good	4 th Lime from North West. (Replacement tree).	Remove cage rubbing on tree.	Low
G1	Avenue of Limes	c16	Mature	Fair	Avenue of 24 Limes, 12 either side of footpath leading to North West gate. All mature except 2 and previously topped / pollarded at c9m. Regrowth of 3-5 years since last re-pollarding. 4th Lime from East (on South side) has been removed.	Continue existing routine of pruning of regrowth: basal, epicormic to 3m. Plant replacement Lime tree, south line, fourth from East.	Moderate Low
20	Holly	c9	Middle aged	Fair	Suppressed canopy. Lower than normal leaf density. Good conical shape.	Install mulch within 1m of base of tree (mulch can be fresh woodchip).	Low
21	Cherry	c8	Middle aged	Fair	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Some past branch breakage evident. Mechanical damage at base.	Install mulch within 1m of base of tree (mulch can be fresh woodchip).	Low

22	Holly	c8	Mature	Fair	Intermediate canopy. Sparse canopy.	No works required at time of survey.	-
23	Holly	c9	Mature	Good	Dominant canopy. Sparse upper canopy. Two stems from ground level with good union.	Crown reduction to final height of 5m with 3m radial canopy spread.	Low
24	Irish Yew	c6	Mature	Good	Partially suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	No works required at time of survey.	-
25	Lime	c30	Mature	Fair	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Close to neighbouring properties (c10m). Deadwood in crown up to 60mm diameter x 4m length. Past pruning wound on stem at approx. 9m on South side now possible cavity with decay. Crown low over path. Occasional overlong branches standing out from main canopy edge, particularly on South side.	Remove deadwood >25mm diameter. Crown lift to 4m all round. Selective tip reduction on North side to limit radial branch spread to North to 5m, to East to 6m, to South to 7m and to West to 6m. Reason: to reduce potential for branch failure and to maintain reasonable relationship with property to North.	Moderate Moderate Low
26	Poplar	c30	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Two stems from 3.5m. Slight lean to North West. Ivy on main stem obscuring survey.	No works required at time of survey.	-
27	Lawson cypress	c16	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Long swept branch arising at c2m and growing low over path.	Crown lift to 3m over path. Crown reduction to final height of 13m and 3m radial canopy spread.	Low Low
28	Irish Yew	c9	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	No works required at time of survey.	-

29	Holly	c8	Mature	Removed	-	-	-
30	Sycamore	c14	Mature	Removed	-	-	-
31	Yew	c8	Mature	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Ivy on branch work and high in crown obscuring survey.	Remove ivy at base to 2m.	Low
32	Beech	c13	Middle Aged	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	No works required at time of survey.	-
33	Yew	c7	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Crown grows low in road and low over footpath. Loose bark at base on road side with stem exudates.	Crown lift to 3m over footpath.	Low
34	Holly	c10	Mature	Fair	Dominant canopy. Lower than normal leaf density. Triple stem from base with narrow minor included bark union.	No works required at time of survey.	-
35	Holly	-	-	Removed	-	Replace with <i>Ligustrum japonicum</i> or similar size at maturity.	Low
36	Hornbeam	c16	Mature	Poor	Dominant canopy. Sparse, yellowing canopy with some minor deadwood (less than 25mm diameter). Multi stemmed from c1.5m. Minor epicormic growth on branches. Short term tree (less than 10 years) – 50% probability.	Mulch around base of tree to extent of canopy spread.	Low

37	Crab apple	c4	Mature	Fair	Dominant canopy. Slightly sparse canopy. Stands close to and leans towards pavilion with some small branches touching.	Clear building by 1.5m.	Low
38	Hawthorn	c8	Mature	Good	Dominant canopy. Good vitality with some minor dieback. Minor mechanical damage at base.	Crown lift to 3m over footway. Cut turf and remove within 0.5m radius of tree base to depth of 50mm and replace with wood chip to settled depth of 75mm.	Low Low
39	Gingko	c5	Young	Fair	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Moderate historic mechanical damage at base.	Remove competing leader at c2.5m to improve long term form.	Moderate
40	Plum	-	-	Removed	-	-	-
41	Indian Bean Tree	<10	Mature	Fair	Intermediate canopy. Slightly lower than normal leaf density. Smooth 'shiny' bark suggests this tree may be a favourite for climbing. Compacted ground around tree is likely to be contributing to poor tree health.	Mulch around base of tree within 4m.	Low
42	Weeping Ash	c5	Mature	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Large lateral branch to South with decay on top side – reduced to lessen leverage on point of decay.	No works required at time of survey.	-
43	Rowan	-	-	Removed	-	-	-
44	Larch	-	-	Removed	-	-	-

115	Hornbeam	c7	Young	Fair	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Growing above fence.	Reduce to 2m and reinstate hedge management.	Low
116	Purple Plum	c5	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Low branches over footway. Three stems from base with minor included bark union.	No works required at time of survey.	-
45	Lawson cypress	10 to 15	Mature	Removed	-	Plant replacement specimen of <i>Quercus frainetto</i> or similar size at maturity (c3m height, 10-14cm girth at 1m).	Low
46	Cedar	10 to 15	Mature	Removed	-	Plant replacement specimen of <i>Quercus frainetto</i> or similar size at maturity (c3m height, 10-14cm girth at 1m).	Low
47	Pine	10 to 15	Mature	Removed	-	Plant replacement specimen of <i>Quercus frainetto</i> or similar size at maturity (c3m height, 10-14cm girth at 1m).	Low
48	Pine	10 to 15	Mature	Removed	-	Plant replacement specimen of <i>Quercus frainetto</i> or similar size at maturity (c3m height, 10-14cm girth at 1m).	Low
49	Wellingtonia	c16	Mature	Fair	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Previously lost or had top removed resulting in poor form. Massive surface root / basal growth to North.	No works required at time of survey.	-
50	Walnut	10 to 15	Mature	Removed	-	Replace with <i>Platanus occidentalis</i> (10-14cm girth at 1m).	Low

51	Wellingtonia	c30	Mature	Good	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Surface root with mower damage. Low branches.	Crown lift to 4m all round.	Low
52	Sweet Chestnut	c17	Mature	Good	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Typical moderate deadwood (25 - 100mm diameter) throughout. Bark loss to underside of branch at c6m on North side. Woodpecker hole at c7m on West side. Low branches over footway.	Remove deadwood more than 25mm diameter. Reduce North and East branches at c6m to radial length of 4m. Crown lift to 4m all round.	Low Low Low
53	Wellingtonia	c30	Mature	Good	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Selective tip reduction of occasional branches (c10) standing outside the main canopy edge to bring the branch in line with the main canopy shape. Final height to be 30m with 5m radial canopy spread. Maximum wound diameter to be 75mm.	Low
54	Wellingtonia	>15	Mature	Good	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Previously reduced with moderate regrowth. Overlong branches standing outside main canopy edge. Stands in children's play area.	Selective tip reduction of occasional branch (c10) standing outside the main canopy edge to bring the branch in line with the main canopy shape. Final height to be 30m with 5m radial canopy spread. Maximum wound diameter to be 75mm.	Moderate
55	Lime	10 to 15	Mature	Removed	-	Replace with <i>Platanus occidentalis</i> or similar (10-14cm girth at 1m).	Low
56	Yew	<10	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Crown lift to 2.5m over footway. Maximum wound diameter to be 50mm.	Low

57	Yew	<10	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Crown grows low over path.	Crown lift to 2.5m over path. Maximum wound diameter to be 50mm. Clear building by 2m.	Low Low
58	Holly	<10	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Two stems from base, tight fork. Tight union with reactive growth on South side at 2m	Crown lift to 3m over path. Maximum wound diameter to be 50mm. Clear building by 2m retaining overhanging branches outside this distance.	Low Low
59	Holly	<10	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Two stems from base with good union.	Crown lift to 3m over path	Low
60	Holly	<10	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Leans to North East.	No works required at time of survey.	-
61	Holly	<10	Middle aged	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Leans to East.	No works required at time of survey.	-
62	Hornbeam	<10	Middle aged	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Small tree standing under canopy of T63.	Crown lift to 3m over path.	Low
63	Sycamore	10 to 15	Mature	Removed	Stump carving – chair.	No works required at time of survey.	-
64	Irish Yew	<10	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	No works required at time of survey.	-
65	Holly	<10	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Crown grows low over path.	Crown lift to 3m over footway.	Low

66	Sycamore	<10	Mature	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Poor form. Two stems from base and multi stemmed from c0.5m.	No works required at time of survey.	Low
67	Holly	<10	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Crown grows low over footpath.	Crown lift to 3m over footway.	Low
68	Sycamore	10 to 15	Mature	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Four large stems from base. Decay evident at base between stems from past lost stem. Crown grows low over parking area. Short term tree.	Crown lift to 5m all round.	Low
69	Sycamore	10 to 15	Mature	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Single straight stem.	No works required at time of survey.	-
70	Sycamore	10 to 15	Mature	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Four stems from base.	No works required at time of survey.	-
71	Sycamore	10 to 15	Mature	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Single straight stem.	No works required at time of survey.	-
72	Sycamore	10 to 15	Mature	Fair	Good vitality shown by normal twig and leaf size, structure, colour and density. Two stems from 1.8m with minor compression fork with good reactive growth. Crown grows low over parking area.	Crown lift to 5m all round.	Low

73	Sycamore	c24	Mature	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Five stems from ground level. Tight union a 4-5m on North stem with reactive growth.	Crown lift to 5m all round.	Low
74	Yew	c14	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Two stems from c0.5m.	Crown lift to 3m over footway.	Low
75	Holly	c13	Mature	Good	Intermediate canopy. Good vitality although sparse upper canopy. Two stems from c0.5m.	Crown lift to 3m over footpath.	Low
76	Yew	c12	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Crown lift to 3m over footpath.	Low
77	Lime	c24	Mature	Good	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Remove epicormic growth from base to 3m twice a year to allow survey.	Low
78	Holly	c6	Mature	Fair	Suppressed canopy. Sparse canopy. Small tree under canopy of T77 and T79.	No works required at time of survey.	-
79	Horse Chestnut	c5	Mature	Fair	Recent pollard to 5m. Cavity at base. Bark loss at base.	Remove.	Moderate
80	Yew	c9	Mature	Fair	-	Crown lift to 4m over access road.	Low
81	Yew	c6	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Crown lift to 4m over access road. Crown lift to 3m over footway.	Low Moderate
82	Lime	c7	Mature	Fair	Recent pollard to c7m.	Remove epicormic growth from base to 3m twice a year to allow survey.	Low

83	Copper Beech	c24	Mature	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Grows / leans significantly to NW. Past pruning wound on stem at 4m on NW side. Two branches on North side at 8 and 10m with visible growth defects resembling upper bark damage / squirrel damage.	Crown lift to 5m all round.	Low
84	Yew	c8	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Crown low over path and parking area.	Crown lift to 3m all round. Crown lift to 4m over access road.	Low Low
85	Sycamore	c24	Mature	Fair	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Lower stem has ring of raised bark / potential graft at 1.2m.	No works required at time of survey.	-
86	Yew	c8	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Stands within c0.5m of T85. Crown low over path and parking area.	Crown lift to 3m all round. Crown lift to 4m over access road.	Low Low
87	Plum	<10	Mature	Fair	Outside site.	No works required at time of survey.	-
88	Red Oak	c24	Mature	Good	Good form. Good vitality shown by normal twig and leaf size, structure, colour and density.	Remove deadwood more than 25mm diameter. Clear lamp by 1.5m.	Low Low
89	Yew	c8	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Crown low over parking area.	Crown lift to 3m over footway and on North side.	Low

90	Yew	c8	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Crown low over parking area.	Crown lift to 3m over footway and on North side.	Low
91	Yew	c8	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Crown low over parking area.	Crown lift to 3m over footway and on North side.	Low
92	Yew	c8	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Crown low over parking area.	Crown lift to 3m over footway and on North side.	Low
93	Sycamore	c24	Mature	Fair	Slightly sparse canopy. Two stems from c4.5m.	Clear building by 3m retaining overhanging branches outside this distance.	Low
94	Yew	c8	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Crown low over parking area.	Crown lift to 3m over footway and on North side.	Low
95	Yew	c8	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Three stems from ground. Ivy on stem to 50% height. Crown low over parking area.	Crown lift to 3m over footway and on North side.	Low
96	Plum	<10	Mature	Removed	-	Replace with <i>Platanus occidentalis</i> or similar (10-14cm girth at 1m).	Low
97	Yew	c8	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Crown low over path and neighbouring property.	Crown lift to 3m over footway and on North side.	Low

98	Yew	c8	Mature	Good	Suppressed canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Electricity pole within 1m of stem.	Clear building by 2m. Clear electricity pole by 1m.	Low Low
114	Cherry	c3.5	Young	Good	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Remove cage and stake and mulch around base.	Low
99	Yew	<10	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	No works required at time of survey.	-
100	Wellingtonia	c31	Mature	Good	Good vitality shown by normal twig and leaf size, structure, colour and density. Large low sweeping branch grows out over raised planting island. Minor deadwood in crown. Evidence of past branch breakage / storm damage. Exudates from stem at 8m on east side of stem.	Remove deadwood more than 25mm diameter. Selective tip reduction the occasional branch (c10) standing outside the main canopy edge to bring the branch in line with the main canopy shape - in particular branch to South West at c3m and North East at c15m. Final height to be 31m with 8m radial canopy spread.	Moderate Moderate
101	Holly	c7	Middle aged	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	No works required.	-
102	Yew	<10	Middle aged	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Low branches over footway.	Crown lift to 2.5m over footway.	Low
103	Holly	c4	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Crown lift to 2.5m over footway.	Low
104	Pear	c7	Middle aged	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. Single straight upright stem. Bark damage round base of stem.	No works required.	-

105	Holly	c4	Middle aged	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Crown lift to 5m over footway.	Low
106	Irish Yew	c7	Mature	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Sever Ivy at ground level.	Low
107	Holly	c7	Middle aged	Good	Intermediate canopy. Good vitality shown by normal twig and leaf size, structure, colour and density. 8 stems from base, good unions.	Crown lift to 3m over footway. Crown lift to 5m over carriageway.	Low Low
108	Cherry	c5	Middle aged	Poor	Dominant canopy. Sparse canopy. Severe mechanical damage at base.	Cut turf and remove within 0.5m radius of tree base to depth of 50mm and replace with wood chip to settled depth of 75mm.	Moderate
109	Sophora japonica	c3	Young	Good	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Mulch around base of tree.	Low
110	Dawn Redwood <i>Taxodium distichum</i>	c3	Young	Good	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Remove stake and mulch around base of tree.	Low
111	Foxglove tree <i>Paulownia tomentosa</i>	c4	Young	Good	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Formative prune to remove developing included bark union at c2m.	Moderate
112	Lime <i>Tilia tomentosa</i> 'Brabant'	c4	Young	Good	Dominant canopy. Good vitality shown by normal twig and leaf size, structure, colour and density.	Mulch around base of tree.	Low
113	Cotoneaster (x2)	c7	Mature	Removed	-	-	-
114	-	-	-	-	Tree details are given between tree numbers 98 and 99. Located on site plan between 98 and 120.	-	-
115	-	-	-	-	Tree details are given between tree numbers 44 and 45. Located on site plan between 38 and 100.	-	-

116	-	-	-	-	Tree details are given between tree numbers 44 and 45. Located on site plan between 42 and 44.	-	-
117	Yew	c8	Mature	Removed	-	-	-
118	Yew	c8	Mature	Removed	-	-	-
119	-	-	-	-	Tree details are given between tree numbers 3 and 4. Located on site plan between 3 and 4.	-	-

Resurvey to be complete by July 2020.

Varying the time of year for the survey is appropriate to see the structure, vitality and any pests or diseases affecting the trees.

General notes:

The tree survey has been carried out in relation to the landowner's duty under the Occupier's Liability Act 1984 and common law. The tree survey was carried out from ground level, identifying significant tree features that may have significant bearing upon the condition and management of the tree and giving appropriate recommendations and priorities. All dimensions are estimated. No soil investigations will be carried out.

To carry out the tree survey reasonable access around the base of the tree is required. Where this is not feasible, these parts of the tree may not be able to be inspected. If view of the entire structure of the tree(s) is limited, for instance by the properties in private ownership, this is a limitation to the tree survey and some parts of the tree may not be able to be fully surveyed. The tree survey will be carried out from the ground with the aid of binoculars if necessary. The tree will not be climbed as part of this survey.

Typical significant defects that are to be identified can be referred to in "Hazards from Trees, a general guide" by David Lonsdale and "The body language of trees" by Claus Mattheck published by the Forestry Commission and the Department of the Environment respectively.

The tree survey can only be an assessment of the tree at the time of the survey and the tree(s) should be re-surveyed on a regular basis. An appropriate time period between surveys may be up to 5 years depending upon the condition of the trees, their maturity and the target(s). Recommendations for the period between surveys will be given.

As trees are dynamic structures their condition and health may change in a short period of time, particularly in relation to changes in their immediate environment and circumstances. Therefore, the survey is an assessment of the trees at the time of the survey only. If there is a significant change in the immediate environment and circumstances then this should be brought to the attention of the arboriculturalist so that they may advise accordingly.

I have not checked whether the site is within a Conservation Area or whether the trees are under Tree Preservation Order (TPO). Prior to any tree works confirmation of whether these legal restrictions apply to the site or trees ought to be sought from the Local Planning Authority (LPA). If the trees stand within a Conservation Area designated under the Town and Country Planning Act the LPA will normally require 6 weeks notice of intention to carry out any tree works as detailed in the survey. If the trees are under TPO then the LPA will normally require an application for any tree works. Some tree works are exempt, for instance if the trees are dead or dangerous, and certain works can be carried out without application. It is necessary to give the LPA at least five days notice prior to carrying out any of these tree works under these exemptions. This survey, with recommendations, can be used to support any such application or notice.

Wildlife issues are of significant concern to the general public. A balance has to be found between the protection of wildlife and the need for safety when managing trees. The Wildlife and Countryside Act (1980) and Countryside Rights of Way Act (2000) give statutory protection to wild birds, bats, mammals, some invertebrates and plants. It is important to ensure that this legislation is properly considered when carrying out any works to trees.

Bird nests were not identified whilst on site. However, any Arborist carrying out the tree works should ensure that there is no disturbance to nesting birds prior to the works being carried out. Further guidance upon the appropriate timing of the works can be sought from DEFRA, if necessary. Where nesting birds are found further information should be sought from DEFRA 08459 33 55 77 or helpline@defra.gsi.gov.uk. Prior to any works being implemented the tree contractor must identify whether there are any bats or birds using the tree as roost or nest. If such habitation is identified then the tree contractor must obtain the necessary licence from Natural England (0845 601 4523 www.naturalengland.org.uk) to carry out the works.

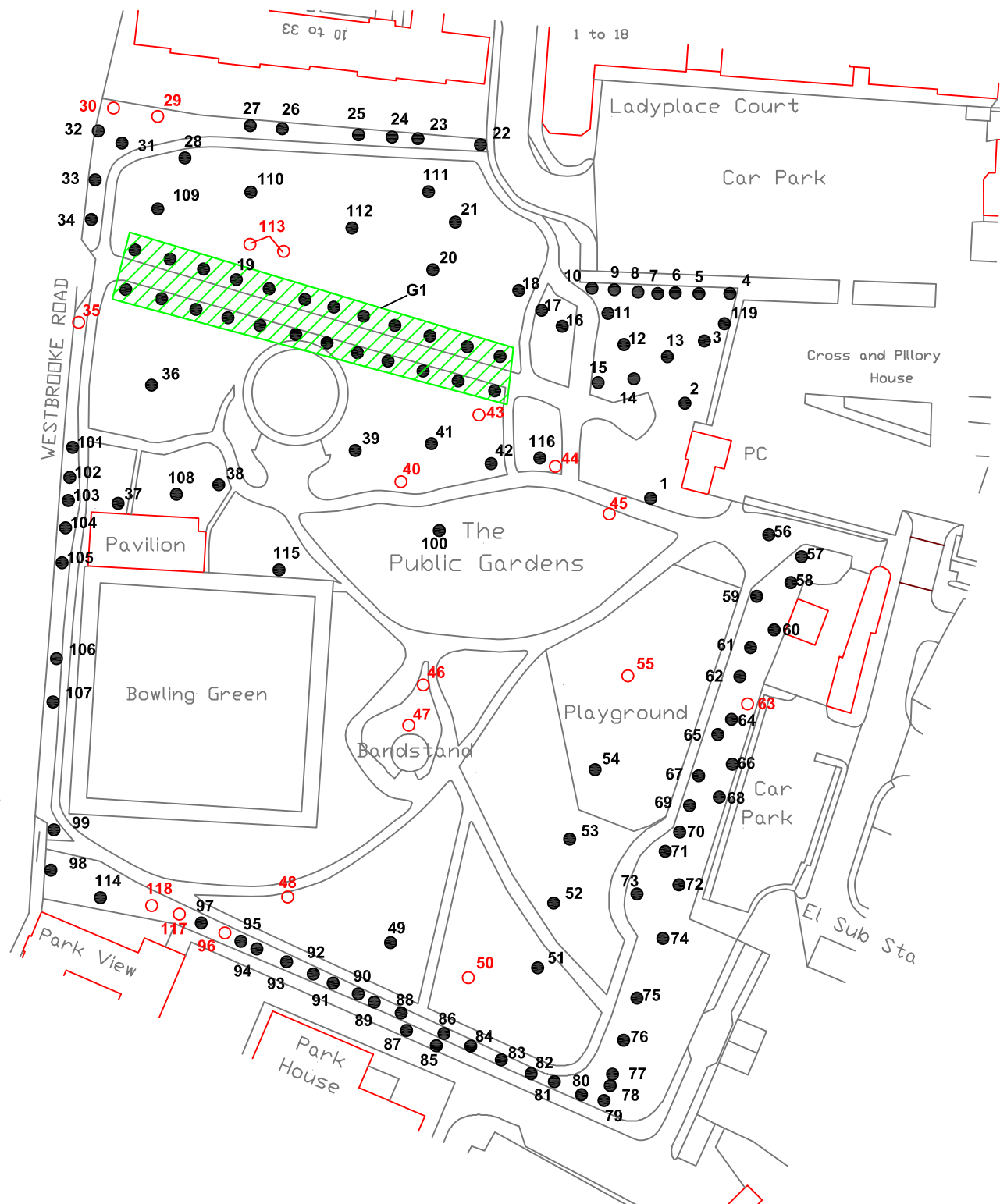
In this instance, considering the size of the trees, their location and features I believe that there is a low to medium potential of bats using the mature trees as a roost site. A bat survey prior to tree works is not recommended as it would be difficult to determine the location of any exit point from the roost within the tree by a bat survey and also confusion may also arise from bats travelling from other roosts. Any such exit could more easily be identified by a competent tree worker. During the tree works the contractor should carry out the tree works with bats as an active consideration and follow the current industry best practice, e.g. Arboricultural Association Guidance Note 1 Bats in the context of tree work operations 2011, which a competent tree contractor should be familiar with.

Biosecurity measures: To minimise the potential for contamination of the tree from other tree works it is appropriate to sterilise tools to be used before and after the works are implemented. Appropriate disinfectant includes Propellor or Cleankill Sanitizing spray. Loose debris is to be brushed off prior to treating with disinfectant to ensure appropriate application. See [http://www.forestry.gov.uk/pdf/FCMS028-guidance.pdf/\\$file/FCMS028-guidance.pdf](http://www.forestry.gov.uk/pdf/FCMS028-guidance.pdf/$file/FCMS028-guidance.pdf) for further information on Biosecurity and <http://www.forestry.gov.uk/forestry/infd-9fjd2d> for disinfectant information.

Key to condition survey sheet

Desig	Designation (T is Tree, G is Group, H is Hedge, W is woodland, S is Stump)	
No	Tree number.	
Species	Species of tree.	
Height	Height measured in metres.	
Height of crown	Height in metres of crown clearance above adjacent ground level.	
Age Class (Age)	Young	A tree considered to be less than approximately 20 years old.
	Middle aged	A tree in approximately the first 1/5th of its normal life span with apical dominance (rapidly growing with a clear main leader) and not yet fully at its environmental potential full height.
	Mature	A tree in its 2/5ths to 5/5ths of its normal life span with apical dominance lost and at its environmental potential full height.
	Veteran	A tree of interest biologically, aesthetically or culturally because of its age and is old relative to others of the same species. See Natural England definition.
Condition (Physiological and Structural)	Good	A tree of typical physiological and structural condition that requires only general tree works to facilitate its retention in the landscape.
	Fair	A tree of impaired physiological and / or structural condition that may require remedial and general tree works to facilitate its retention in the landscape.
	Poor	A tree of significantly impaired physiological and / or structural condition that will require remedial and general tree works to facilitate its retention in the landscape if feasible.
Recommendations	As per BS3998: 2010 Recommendations for Tree Works.	
Priority	Immediate	Works should be carried out immediately as the probability of harm or damage occurring is likely.
	High	These works are important to carry out as soon as reasonably possible and any budget available for tree management should be spent upon these trees before the moderate and low categories. Works in this category usually will relate to abatement of risk for harm and or damage to occur. Ideally works in this category are anticipated to be carried out within 2 months.
	Moderate	These works are important to carry out as soon as reasonably possible and any budget available for tree management should be spent upon these trees before the low categories. Works in this category usually will relate to abatement of risk for harm and or damage to occur and for the good arboricultural management of the trees. Ideally works in this category are anticipated to be carried out within 6 months.
	Low	Works in this category usually will relate to the good arboricultural management of the trees. Ideally works in this category are anticipated to be carried out within 24 months.
Re-survey	This is the time period in which it is recommended that the tree is surveyed again. This is based upon the condition of the tree, its location, previous, current and future management. It is normally expressed at a time period from the date of the report / survey, whichever is the sooner. If no time period is noted, then the default period is one year.	

Site plan



General / Key:

- Tree position ●
- Tree position (removed) ○
- Group position

N

Client:
Alton Town Council

Site:
Public Gardens, Alton

Data:
OS data provided by
Centremapslive under licence
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Drawing title:
Tree survey plan

Drawing reference:
J064 / 15

Revision:
-

Date:
December 2018

Scale:
Scale not provided..

Sheet:
1 of 1

sapling

arboriculture ltd
registered in england: 5414238

T: 01420 544 860
E: ben@saplingarboriculture.com
W: www.saplingarboriculture.com

Ben Abbatt
MCFor, MRICS, CEnv, Dip. Arb. (RFS), BA (Hons)
Arboricultural Association Registered Consultant

Notes:

Positions of trees and groups have been located by eye and their exact position is not accurately shown by this drawing. The position of the trees and groups on this drawing is an indication only. For the correct position of the trees then please refer to the land survey data.



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