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Preliminary Tree Survey Schedule

Parcel S, Arborfield, Berkshire

May 2025

SJA tss 25216-01

Tree Survey Schedule: Explanatory Notes

Parcel S, Arborfield, Berkshire

This schedule is based on a tree inspection undertaken by Tom Hovell of SJAtrees (the trading name of Simon Jones Associates Ltd.), on Thursday the 1st May 2025. Weather conditions at the time were clear, dry and bright. Deciduous trees were in full leaf.

The information contained in this schedule covers only those trees that were examined, and reflects the condition of these specimens at the time of inspection. We did not have access to the trees from any adjacent properties; observations are thus confined to what was visible from within the site and from surrounding public areas.

The trees were inspected from the ground only and were not climbed, and no samples of wood, roots or fungi were taken. A full hazard or risk assessment of the trees was not undertaken, and therefore no guarantee, either expressed or implied, of their safety or stability can be given.

Trees are dynamic organisms and are subject to continual growth and change; therefore the dimensions and assessments presented in this schedule should not be relied upon in relation to any development of the site for more than twelve months from the survey date.

1. Tree no.

Given in sequential order, commencing at "56". Numbers correspond with previous survey work 21369-01 undertaken in April 2014.

2. TPO no.

Number assigned to tree in the Wokingham Borough Council Tree Preservation Order no. 1445/2012, as shown in the TPO schedule and plan.

3. Species.

'Common names' are given, taken from MITCHELL, A. (1978) A Field Guide to the Trees of Britain and Northern Europe.

4. Height.

Estimated with the aid of a hypsometer, given in metres.

5. Trunk diameter.

Trunk diameter measured at approx. 1.5m above ground level; or where the trunk forks into separate stems between ground level and 1.5m, measured at the narrowest point beneath the fork. Given in millimetres.

6. Radial crown spread.

The linear extent of branches from the base of the trunk to the main cardinal points, rounded up to the closest half metre, unless shown otherwise. For small trees with reasonably symmetrical crowns, a single averaged figure is quoted.

7. Crown break.

Height above ground and direction of growth of first significant live branch.

8. Crown clearance.

Distance from adjacent ground level to lowest part of lowest branch, in metres.

9. Age class.

Young: Seedling, sapling or recently planted tree; not yet producing flowers or seeds; strong apical dominance.

Semi-mature: Trunk often still smooth-barked; producing flowers and/or seeds; strong apical dominance, not yet achieved ultimate height.

Mature: Apical dominance lost, tree close to ultimate height.

Over-mature: Mature, but in decline, no crown retrenchment

Veteran: Mature, with a large trunk diameter for species; but showing signs of veteranisation, irrespective of actual age, with decay or hollowing, a crown showing retrenchment and a structure characteristic of the latter stages of life.

Ancient: Beyond typical age range and with a very large trunk diameter for species; with extensive decay or hollowing, a crown that has undergone retrenchment and a structure characteristic of the latter stages of life.

10. Physiology.

Health, condition and function of the tree, in comparison to a normal specimen of its species and age.

11. Structure.

Structural condition of the tree – based on both the structure of its roots, trunk and major stems and branches, and on the presence of any structural defects or decay.

Good: No significant morphological or structural defects, and an upright and reasonably symmetrical structure.

Moderate: No significant pathological defects, but a slightly impaired morphological structure; however, not to the extent that the tree is at immediate or early risk of collapse.

Indifferent: Significant morphological or pathological defects; but these are either remediable or do not put the tree at immediate or early risk of collapse.

Poor: Significant and irreparable morphological or pathological defects, such that there may be a risk of failure or collapse.

Hazardous: Significant and irreparable morphological or pathological defects, with a risk of imminent collapse.

12. Comments.

Where appropriate comments have been made relating to:

-Health and condition

-Safety, particularly close to areas of public access

-Structure and form

-Estimated life expectancy or potential

-Visibility and impact in the local landscape

13. Category.

Based on the British Standard "Trees in relation to design, demolition and construction - Recommendations", BS 5837: 2012; adjusted to give a greater weighting to trees that contribute to the character and appearance of the local landscape, to amenity, or to arboricultural biodiversity.

Category U: Trees 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.

(1) 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).

(2) Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline.

(3) 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.

Category A: 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.

(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.

Category B: 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 minor 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 form distinct landscape features, thereby attracting a higher collective rating than they might as individuals; or trees present in numbers but situated so as to make little visual contribution to the wider locality.

(3) Trees with material conservation or other cultural value.

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

(1) Unremarkable trees of very limited merit or of 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 landscape benefits.

(3) Trees with no material limited conservation or other cultural value.

TREE SURVEY SCHEDULE

Parcel S, Arborfield, Berkshire

No.	TPO no.	Species	Height	Trunk diameter	Radial crown spread	Crown break	Crown clearance	Age class	Physio - logy	Structure	Comments	Category
56	1445/2012 A2	Sweet chestnut	19m	770mm 700mm	N 2.5m E 7m S 9m W 9m	E 4.5m	N 15m E 2m S 1.5m W 5m	Mature	Below average	Moderate	Off-site tree; twin stemmed from 1.3m with tensile union; epicormic growth on stems up to a height of 15m and throughout structure; wound on W side of trunk at 0.5m, L200mm x W20mm, almost fully occluded; above average dead wood in crown; readily visible from internal views but not visible from the public realm.	B (1)
57	A2 1445/2012	Sycamore	8m	370mm	N 5m E 1.5m S 2m W 5m	W 3m	W 3m	Semi-mature	Below average	Poor	Off-site tree; specimen has lost its top at 8m above ground level with significant die back and wood degradation; crown heavily suppressed by adjacent tree; should be removed for sound arboricultural management reasons; of low quality, of low landscape value, and of little potential.	U
58	1445/2012 A2	Sycamore	19.5m	1170mm ivy	N 8.5m E 6.5m S 9m W 6m	S 6.5m	N 8m E 6m S 6m W 11m	Mature	Average	Poor	Off-site tree; prominent buttress roots; cavity on NW side L500mm x W150mm, partially occluded, with heartwood exposed and showing moderate decay; trunk divides into 3 stems at 2.5m with acute unions and external evidence of included bark; heavily ivy-covered; slightly sparsely foliated; partially visible from Princess Marina Drive but mostly obscured by roadside specimens.	C (1)
59	A2 1445/2012	Sycamore	19m	355mm	N 4.5m E 4.5m S 2.5m W 2m	W 2.5m	3m	Semi-mature	Average	Poor	Drawn-up specimen with height/diameter ratio greater than 50: at risk of failure if companion shelter removed; suppressed crown as overtopped by adjacent specimens; of low quality; of moderate landscape value; of medium-term potential.	C (2)
60	1445/2012 A2	Sweet chestnut	19m	765mm	N 5m E 6.5m S 6.5m W 5.5m	W 2.5m	N 2m E 3m S 1.5m W 2.5m	Mature	Below average	Moderate	Single trunk specimen with established epicormic growth forming lower crown; above average dead wood throughout structure, with top 3m of crown being entirely dead; epicormic growth throughout structure; readily visible from internal views but obscured from public view by adjacent specimens.	C (1)
61	1445/2012 A2	Ash	20m	570mm 555mm	N 9.5m E 6m S 3.5m W 5m	N 10m	N 13m E 13m S 17m W 10m	Mature	Low	Indifferent	Twin-stemmed from 1m with acute union; above average deadwood in crown; die-back at branch tips consistent with "ash die-back disease".	U
62	A2 1445/2012	Horse chestnut	19m	x8 stems 400mm	N 7.5m E 9m S 8m W 6m	N 3m	S 2m	Semi-mature	Average	Poor	Multi-stemmed from 1m above ground level consistent with being a former pollard; stems mutually drawn up with tight compression forks and evidence of included bark; all liable to failure as stems increase in girth and size; all mutually drawn up; open and spreading crown; slightly suppressed on W by adjacent trees; crown overhangs the adjacent grounds maintenance yard; of low quality; of moderate landscape value; of medium-term potential.	C (2)

No.	TPO no.	Species	Height	Trunk diameter	Radial crown spread	Crown break	Crown clearance	Age class	Physio - logy	Structure	Comments	Category
63		Flowering cherry	8m	240mm	N 3m E 3m S 5m W 3m	W 4m	S 2.5m	Semi-mature	Average	Moderate	Single trunk; ornamental tree; of moderate quality and of medium-term potential; but of low landscape value.	C (1)
64		Western red cedar	15m	715mm 540mm	N 7.5m E 6.5m S 5m W 7.5m	E 3m	N 4m E 6m S 0.5m W 6m	Mature	Average	Indifferent	Off-site tree; no significant defects observed at base; twin-stemmed from 1m with acute union and external evidence of included bark; multiple historic pruning wounds of up to 80mmø on E side; visible from internal views and from Princess Marina Road and adjacent parkland to the N.	B (12)
65		Crack willow	13m	415mm 420mm	N 7m E 6m S 5m W 8.5m	W 2.5m	W 2m	Semi-mature	Average	Poor	Off-site tree; twin-stemmed from base; tight compression fork with evidence of included bark; asymmetrical crown as suppressed by adjacent specimens; of low quality; of moderate landscape value; of medium-term potential.	C (2)
66-67		Flowering cherry	5m 7m	150mm 245mm	N 3m E 4m S 4m W 6m from #67	N 3m	W 2m	Young	Average	Moderate	Off-site tree; single trunks; small ornamental trees; asymmetrical crowns as suppressed by adjacent specimens; of moderate quality and of medium-term potential; but of low landscape value.	C (1)
68		Western red cedar	13m	690mm	N 6m E 5.5m SE 7.5m S 4.5m W 7m	SE 2m	N 0.5m E 2m SE 2.5m S 1.5m W 0m	Mature	Average	Moderate	Off-site tree; no significant defects observed at base; large low limb extending SE; surrounded and suppressed by adjacent specimens; significant component of group in which it stands; glimpsed from Biggs Lane and Princess Marina Drive but mostly obscured by adjacent specimens.	B (1)
69		Wild cherry	14m	360mm	N 5m E 4m S 5m W 5m	W 3m	2m	Semi-mature	Average	Moderate	Off-site tree; single trunk; many non-occluded pruning wounds on trunk; of moderate quality and of medium-term potential; but of low landscape value.	C (1)
70		Holly	10m	190mm 250mm	3m	E 2.5m	1.5m	Semi-mature	Average	Poor	Off-site tree; twin stemmed from base; tight compression fork with evidence of included bark; of low quality, of low landscape value, but of medium-term potential.	C (12)
71		Common lime	12.5m	295mm	N 4m E 3.5m S 4m W 3m	E 3m	2m	Semi-mature	Average	Moderate	Single trunk; of moderate quality and of long-term potential; but of low landscape value.	C (12)
72		Flowering cherry	8m	200mm	N 4m E 3m S 4m W 4.5m	E 2m	3m	Young	Average	Moderate	Off-site tree; single trunk; bud density appears normal; shoot extension growth appears normal; of moderate quality, but currently of low value due to small size; of moderate quality and of medium-term potential; but of low landscape value.	C (1)

No.	TPO no.	Species	Height	Trunk diameter	Radial crown spread	Crown break	Crown clearance	Age class	Physio - logy	Structure	Comments	Category
73	1445/2012 A1	Beech	19.5m	630mm 380mm	N 6.5m E 4.5m S 9m W 8m	N 4m	N 4m E 8m S 5.5m W 2.5m	Mature	Average	Indifferent	Off-site tree; large surface root visible 1m SE from base; prominent buttress roots; twin stemmed from base with union not visible for inspection; hollow measuring L120mm x W60mm x D50mm at N side of base on dominant stem, heartwood exposed and lichen-covered but appears solid when investigated with probe; part of aerodynamic group with meshing crowns providing companion shelter with adjacent beech #74; readily visible from internal views and from Biggs Lane and Princess Marina Drive.	B (12)
74	1445/2012 A1	Beech	19.5m	565mm	N 6.5m E 6.5m S 9m W 4.5m	S 6m	N 5m E 4.5m S 8m W 10m	Mature	Average	Moderate	Off-site tree; prominent buttress roots; large amount of basal epicormic growth on E side, recently pruned; multiple historic pruning wounds on lower trunk consistent with crown raising, fully occluded; of form and habit typical of age and species; aerodynamic group with meshing crowns providing companion shelter with adjacent beech #73; readily visible from internal views and from Biggs Lane and Princess Marina Drive.	B (12)
75	1445/2012 A1	English oak	15m	1395mm ivy	N 0m E 0m S 6.5m W 7.5m	S 5m	S 2m W 4.5m	Mature	Below average	Poor	Burrow hole on SE side at base; majority of crown historically removed, with remaining crown being on S and W sides and formed by established epicormic growth; woodpecker hole at 5m on S side; readily visible from internal views and Biggs Lane	C (12)
76		Ash	23m	455mm	N 4.5m E 5m S 4m W 4.5m	E 6m	6m	Semi-mature	Average	Poor	Drawn-up specimen with height/diameter ratio greater than 50: at risk of failure if companion shelter removed; single trunk; high crown; inessential component of group in which it stands; of low quality; of moderate landscape value; of long-term potential.	C (12)
77		Hawthorn	6m	230mm	N 2.5m E 2.5m S 2.5m W 2.5m	N 2.5m	2.5m	Semi-mature	Average	Indifferent	Off-site tree; decay at base; should be removed for sound arboricultural management reasons; inessential component of group in which it stands; of moderate quality but of low landscape value, and of short-term potential only.	C (1)
78	1445/2012 T28	English oak	9m	545mm ivy	N 7m E 5m S 5.5m W 7.5m	NW 3.5m	N 4m E 1m S 5m W 5m	Mature	Average	Moderate	No significant defects observed at base; heavily ivy-covered; tensile unions throughout crown, where visible; overtopped and suppressed by adjacent dominant oaks #79 & #187; visible from internal views but obscured from the majority of public views by adjacent specimens.	B (1)
79	1445/2012 T27	English oak	20m	900mm est.	N 8.5m E 10m S 12m SW 11.5m W 10m	N 7m	N 10m E 9m S 9m SW 13m W 8m	Mature	Average	Moderate	Off-site tree in adjacent private garden; large single trunk specimen; of form and habit typical of age and species; essential component of the group in which it stands; readily visible from Biggs Lane.	A (12)
177		Sycamore	17m	700mm est.	N 6.5m E 5.5m S 6m W 6.5m	W 3m	W 4m	Mature	Average	Indifferent	Off-site tree; twin-stemmed from 2m; bud density appears normal; readily visible in views from surrounding public places; of moderate quality and landscape value; of long-term potential.	B (12)

No.	TPO no.	Species	Height	Trunk diameter	Radial crown spread	Crown break	Crown clearance	Age class	Physio - logy	Structure	Comments	Category
178-179		Sycamore	16m	250mm est. 300mm est.	N 4m E 3m S 3m W 7m	W 4m	W 3m	Semi-mature	Average	Indifferent	Off-site trees; group of drawn-up, mutually suppressed specimens; inessential components of landscape; of moderate quality and of medium-term potential; but of low landscape value.	C (1)
180		Sycamore	7m	110mm 170mm 105mm	N 3m E 3m S 2m W 3m	N 1.5m	N 2m	Young	Average	Poor	Small self-seeded specimen; multi-stemmed from base; specimen of poor form; inessential component of landscape; of low quality, of low landscape value, but of medium-term potential.	C (12)
181	1445/2012 T11	English oak	22m	1375mm ivy	N 11m E 12m S 13m W 10.5m	S 4.5m	N 8.5m E 6.5m S 7m W 7m	Mature	Average	Moderate	Prominent buttress roots; historically ivy covered, now severed but dead creepers remaining; minor epicormic growth on lower trunk; tensile unions throughout crown, where visible; foliage of average size, density and colour; of form and habit typical of age and species; essential component of the group in which it stands; prominent from internal views and glimpsed from Buttenshaw Avenue.	B (1)
182		Hawthorn	7m	165mm 200mm	N 3m E 3m S 3m W 2.5m	E 2.5m	N 2m	Semi-mature	Average	Indifferent	Tight compression forks with evidence of included bark; inessential component of landscape; of moderate quality and of medium-term potential; but of low landscape value.	C (1)
183		Flowering cherry	3.5m	120mm	N 3m E 3m S 3m W 2.5m	N 3m	2m	Young	Average	Indifferent	Storm damage in crown; inessential component of landscape; of moderate quality and of medium-term potential; but of low landscape value.	C (1)
184	1445/2012 T12	Copper beech	23m	960mm	N 7m E 8m S 7.5m W 10.5m	W 8m	N 10m E 10m S 8m W 7m	Mature	Average	Indifferent	No significant defects observed at base; twin-stemmed from 4.5m with acute union and external evidence of included bark; rest of structure comprises tensile unions where visible; of form and habit typical of age and species; foliage of average size, density and colour; essential component of the group in which it stands; prominent from internal views and glimpsed from Buttenshaw Avenue.	B (12)
185	T10 1445/2012	English oak	25m	1830mm	N 11.5m NE 12m E 11m SE 11.5m S 9.5m SW 12m W 9.5m NW 11.5m	N 6m	N 6m E 5m	Veteran	Average	Indifferent	Off-site tree; prominent buttressing with cavity noted at buttress cleft on SE side, possible animal burrow heartwood internally exposed however of no major significance to structure of tree; single trunk covered in ivy from ground level to mid crown obscuring a view of the upper trunk and scaffolding branches; epicormic growth on lower and mid trunk; some dieback in upper crown possible signs of retrenchment, storm damage and crown reduction works noted throughout; a significant arboricultural feature in this section of the site being readily visible from the surrounding public places and residential properties that lie to SW and N; of moderate quality and cultural value; of high landscape value and of long-term potential.	A (2)

No.	TPO no.	Species	Height	Trunk diameter	Radial crown spread	Crown break	Crown clearance	Age class	Physio - logy	Structure	Comments	Category
186	1445/2012 T24	English oak	13m	700mm est.	N 7m E 7m S 6m W 9m	E 3.5m	W 8.5m	Mature	Average	Moderate	Full basal inspection prevented by boundary fence; of form and habit typical of age and species; suppressed on W side by lower quality specimens in G77; significant component of group in which it stands; readily visible from internal views but not visible from the public realm.	B (12)
187	1445/2012 T26	English oak	19m	1045mm ivy	N 9m E 10.5m S 8m W 12.5m	NE 5m	N 13m E 9m S 13m W 5m	Mature	Average	Moderate	Good quality single trunk specimen; no significant defects observed at base; ivy-covered near ground; tensile unions throughout crown, where visible; foliage of average size density and colour; essential component of the group in which it stands; crown glimpsed from Biggs Lane but mostly obscured by adjacent and roadside specimens.	B (1)
193-196		Wild cherry	13m to 15m	395mm 390mm 410mm 375mm	N 6m E 7.5m S 7.5m W 5m	2m	2m	Mature	Average	Indifferent	Aerodynamic group with meshing crowns providing companion shelter; group of drawn-up, mutually suppressed specimens; visible from rear gardens of residential properties to the N and S; of moderate quality and of long-term potential; but of low landscape value.	C (1)
197		Wild cherry	16m	440mm	N 5m E 5m S 5m W 5m	2.5m	1.5m	Semi-mature	Below average	Poor	Fungal fruiting bodies on base of trunk consistent with <i>Ganoderma</i> sp. located to the S and E, measuring 180mm by 100mm and 160mm by 90mm respectively; another fungal fruiting body consistent with <i>Ganoderma</i> species located on E side at 1.5m measuring 100mm by 90mm; trunk sounded with acoustic mallet and varying tones noted indicating extensive decay in trunk; of low quality, of low landscape value, and of little potential.	U
198		English oak	18.5m	445mm	N 5m E 5m S 6.5m W 6.5m	3m	3m	Semi-mature	Average	Moderate	Single trunk, ivy covered trunk to 4m; visible from rear gardens of residential properties to N and S; of moderate quality and landscape value; of long-term potential.	B (12)
199		Common lime	15m	390mm	N 4.5m E 4m S 5m W 5m	2m	1m	Semi-mature	Average	Indifferent	Twin stemmed at 2m with tight compression fork with included bark; visible from rear gardens of residential properties to N and S; of moderate quality and of long-term potential; but of low landscape value.	C (1)
200		Common lime	12m	340mm	N 5m E 5m S 4m W 5m	2m	2m	Semi-mature	Average	Moderate	Single trunk; visible from rear gardens of residential properties to N and S; prominent buttress roots, with mechanical wounding; of moderate quality and of long-term potential; but of low landscape value.	C (1)
1752		Wild cherry	14m	355mm	N 5m E 4m S 5.5m W 5.5m	2m	1.5m	Semi-mature	Average	Moderate	Single trunk; above average dead wood in crown; visible from rear gardens of residential properties to N and S; of moderate quality and of long-term potential; but of low landscape value.	C (1)
1754		Ash	10m	450mm est.	N 3m E 3m S 7m W 8.5m	S 2.5m	N 8m E 8m S 6m W 5m	Semi-mature	Low	Indifferent	Full basal prevented by boundary fence; die-back at branch tips consistent with "ash die-back disease".	U

No.	TPO no.	Species	Height	Trunk diameter	Radial crown spread	Crown break	Crown clearance	Age class	Physio - logy	Structure	Comments	Category
1755	1445/2012 T22	English oak	16m	450mm est.	N 4.5m E 6m S 5.5m W 5m	N 5.5m	N 6m E 4m S 11m W 11m	Semi-mature	Average	Moderate	Full basal inspection prevented by boundary fence; heavily ivy-covered; drawn-up and mutually suppressed; essential component of the group in which it stands; prominent from internal views but not visible from the public realm.	B (1)
1756	1445/2012 T23	English oak	15.5m	1000mm est.	N 6m E 9m S 10.5m W 9.5m	NW 4m	N 11m E 7m S 5m W 5.5m	Mature	Average	Moderate	Off-site tree; full basal inspection prevented by dense vegetation and boundary fence; tensile unions throughout crown; single trunk specimen; of form and habit typical of age and species; essential component of the group in which it stands; prominent from internal views; crown glimpsed from Biggs Lane but mostly obscured by adjacent and roadside specimens.	B (1)
G74		Various	Max. 14m	Up to x6 stems 400mm	N 7m E 6.5m S 7m W 6m	N 1m	1m	Semi-mature	Average	Indifferent	Species comprise goat willow and sycamore; multi-stemmed from base; inessential component of landscape; of moderate quality and of medium-term potential, but of low landscape value.	C (1)
G75		Sycamore	Max. 8m	Max. 195mm	N 2m E 3m S 2m W 3m	E 1m	1m	Young	Average	Indifferent	Off-site group of trees; group of small self-seeded specimens; drawn-up and mutually suppressed; of moderate quality and of medium-term potential; but of low landscape value.	C (1)
G77		Leyland cypress	Avg. 11m	Max. 320mm Avg. 250mm	3.5m	0.5m	0.5m	Semi-mature	Average	Indifferent	Row of closely planted specimens, designed to form a hedge or screen; some specimens show acute unions; of limited landscape value and suppressing higher quality specimens to the east; readily visible from internal views but not visible from the public realm.	C (1)
G245		Various	Max. 15m Avg. 10m	Max. 425mm Avg. 200mm	4m	0.5m	0.5m	Mature	Average	Indifferent	Off-site group of trees in N section of site, on boundary with adjacent park land; species comprise Western red cedar, common lime, wild cherry and holly; densely packed, with interlocking crowns; provides boundary screening between site and adjacent park land; readily visible from Princess Marina Drive.	B (2)
H7		Beech	Max. 4m	Max. 95mm	1m	N 0.25m	0.25m	Young	Average	Indifferent	Row of closely growing specimens, forming a hedge or screen; of moderate quality and of medium-term potential, but of low landscape value.	C (1)
H8		Hawthorn	Max. 7m	Max. 100mm	3m	N 1m	0.5m	Young	Average	Indifferent	Row of closely growing specimens, forming a hedge or screen; of moderate quality and of medium-term potential, but of low landscape value.	C (1)

Root Protection Areas (RPAs)

Root Protection Areas have been calculated in accordance with paragraph 4.6.1 of the British Standard 'Trees in relation to design, demolition and construction – Recommendations', BS 5837:2012. This is the minimum area which should be left undisturbed around each retained tree. RPAs are portrayed initially as a circle of a fixed radius from the centre of the trunk; but where there appear to be restrictions to root growth the circle is modified to reflect more accurately the likely distribution of roots.

<i>Tree No.</i>	<i>Species</i>	<i>RPA</i>	<i>RPA Radius</i>
56	Sweet chestnut	489.9m ²	12.5m
57	Sycamore	61.9m ²	4.44m
58	Sycamore	619.3m ²	14.0m
59	Sycamore	57.0m ²	4.26m
60	Sweet chestnut	264.7m ²	9.2m
61	Ash	286.3m ²	9.5m
62	Horse chestnut	579.1m ²	13.58m
63	Flowering cherry	26.1m ²	2.88m
64	Western red cedar	363.2m ²	10.8m
65	Crack willow	157.7m ²	7.09m
66-67	Flowering cherry	10.2m ²	1.8m
		27.2m ²	2.94m
68	Western red cedar	215.4m ²	8.3m
69	Wild cherry	58.6m ²	4.32m
70	Holly	44.6m ²	3.77m
71	Common lime	39.4m ²	3.54m
72	Flowering cherry	18.1m ²	2.4m
73	Beech	244.9m ²	8.8m
74	Beech	144.4m ²	6.8m
75	English oak	706.9m ²	15.0m
76	Ash	93.7m ²	5.46m
77	Hawthorn	23.9m ²	2.76m
78	English oak	134.4m ²	6.5m
79	English oak	366.4m ²	10.8m
177	Sycamore	221.7m ²	8.4m
178-179	Sycamore	28.3m ²	3.0m
		40.7m ²	3.6m
180	Sycamore	23.5m ²	2.74m
181	English oak	706.9m ²	15.0m
182	Hawthorn	30.4m ²	3.11m
183	Flowering cherry	7.1m ²	1.5m
184	Copper beech	416.9m ²	11.5m
185	English oak	706.9m ²	15.0m
186	English oak	221.7m ²	8.4m
187	English oak	494.0m ²	12.5m
193-196	Wild cherry	70.6m ²	4.74m
		68.8m ²	4.68m
		76.0m ²	4.92m
		63.6m ²	4.5m
197	Wild cherry	87.6m ²	5.28m
198	English oak	89.6m ²	5.34m
199	Common lime	68.8m ²	4.68m

200	Common lime	52.3m ²	4.08m
1752	Wild cherry	57.0m ²	4.26m
1754	Ash	91.6m ²	5.4m
1755	English oak	91.6m ²	5.4m
1756	English oak	452.4m ²	12.0m
G74	Various	72.4m ²	4.8m
G75	Sycamore	17.2m ²	2.34m
G77	Leyland cypress	46.3m ²	3.84m
G245	Various	81.7m ²	5.1m
H7	Beech	7.1m ²	1.5m
H8	Hawthorn	7.1m ²	1.5m