Tree Survey data

This survey is an assessment of the existing site and any recommendations are preliminary and do not reflect a particular layout or proposal.

<u>Key</u>

Age Class	Y = Young (Less than 1/3 of normal expected life) OM = Over-mature or in decline
	SM = Semi-mature (1/3 – 2/3 of normal expected life) V = Veteran
	M = Mature
Main Stem Diameter	Measured at 1.5 metres above ground or in accordance BS5837: 2012 Annex C and D
Height	Estimated or measured with clinometer where considered critical (m)
Crown spread	At cardinal points (m)
RPA (Radius)/(Area)	Distance in metres from centre of tree to achieve a circular Root Protection Area/ Root Protection Area in square metres.
Remaining Contribution	Estimated number of years the tree may contribute in a safe condition

ref.	Species	Age Class	Observations: Factors affecting the quality and value of the trees	Ø m/s (mm)	Height (m)	Lower crown height (m)	Ultimate height (m)	Crown Spread N (m)	Crown Spread S (m)	Crown Spread E (m)	Crown Spread W (m)	RPA radius (m)	RPA (m²)	Remaining Contribution (yrs)	Category	Preliminary management recommendations
NT1	Leyland Cypress	Y	Regularly maintained at present dimensions.	120	3	0	3	0.8	0.8	0.8	0.8	1.44	6.52	40+	C1	Could be retained. No work required.
660	Corkscrew Willow	SM	Regularly maintained at present dimensions. Previously pollarded at 3m	300	6	1.5	6	3.5	4	3	3	3.6	40.72	40+	C1	Could be retained. No work required.
661	Beech	Y	Stem divides above 1.5m. Included bark present in fork. Previously pruned at 10m	450	14	1.5	14	5.5	5.5	5.5	5.5	5.4	91.62	20+	C1	May be best to consider felling and replacement in a development context
Group A	Hawthorn	M	Previously cut at 2.4m. No recent management	180	7	2	7	1.5	1.5	1.5	1.5	2.16	14.66	40+	C2	Could be retained. No work required.
Group B	Eleagnus, Viburnum, Philadelphus, Snowberry, Pyracantha, Privet	SM	Large shrub group. Good screen	150	5	0	5	1.5	1.5	1.5	1.5	1.8	10.18	40+	C2	Could be retained. No work required.
Group C	Cherry Laurel, Portugal Laurel, Holly	SM	Linear shrub group. Good screen. Cut on boundary	150	5	0	5	3.5	3.5	3.5	3.5	1.8	10.18	40+	C2	Could be retained. No work required.
662	Alder	SM	Advanced crown dieback.	300	10	0	10	2	2	4	1.5	3.6	40.72	<10	U	Fell and replace.
663	Alder	Y	Multi-stemmed form. No visible defects seen.	150	7	0	18	2.5	2.5	2.5	2.5	1.8	10.18	40+	C1	Could be retained with space. No work required.

664	Silver Birch	M	Not worthy of retention. Previously cut at 8m with moderate decay at wound	400	14	0	14	5	5	7	5	4.8	72.39	10+	C1	Fell and replace.
665	Norway Spruce	M	Not worthy of retention.	300	12	0	15	3.5	3.5	3.5	3.5	3.6	40.72	40+	B1	Could be retained with space. No work required.
666	Weeping Willow	M	Tree on neighbouring property. Regularly maintained at present dimensions. Pollard.	650	10	0	10	6	4	5	4	7.8	191.16	10+	C1/C2	No work required.
667	Bay	SM	Multi-stemmed form. Not worthy of retention. Bleeds on lower main stem	250	6	0.5	6	2.5	2.5	3	2.5	3	28.28	10+	C1	Fell and replace.
668	Weeping Willow	M	Tree on neighbouring property. Regularly maintained at present dimensions. Pollard.	650	10	0	10	7	4	4	5	7.8	191.16	10+	C1/C2	No work required.

BS5837:2021 Cascade Chart for Tree Quality Assessment Trees to be considered for retention

Category and definition	Criteria (including subcategories where appropriate)			On Plan
Trees unsuitable for retention				
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	• Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) • Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline • Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve			🔴
	1. Mainly arboricultural qualities	**2. Mainly landscape qualities**	**3. Mainly cultural values, including conservation**	
Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	🟢
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for detention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	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 150 mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value	⚪