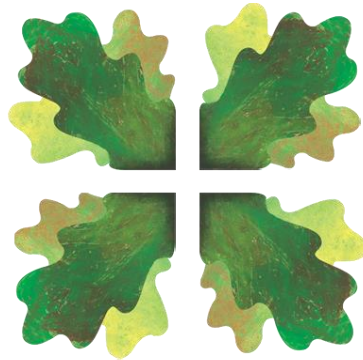


# BS5837 Tree Survey Results

With Tree Constraints Plan



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## TREE SURVEY NOTES (for survey overleaf):

Tree No.	Number on plan and in survey data table *Indicates trees or tree groups not shown by topographical survey
Species	Tree species with <i>botanical</i> name when first listed
Height (Ht.).	Estimated height, including boundary feature such as a bank, if the tree grows on top
Dia. or $\emptyset$	Stem diameter estimated in millimetres at 1.5m above ground level MS indicates multiple stems, where there are multiple small diameter stems of less than 100mm E indicates a rough estimate B is a basal estimate
Crown spread	Estimated on the four compass points, or extent over site from tree groups.
Height of crown clearance (HCC)	The height to the lowest branch attachments and first significant branch and direction of growth.
Age Class	Young (Y) Sapling Semi Mature (SM) First $\frac{1}{4}$ natural life span Early Mature (EM) Second $\frac{1}{4}$ natural life span Mature (M) Third $\frac{1}{4}$ natural life span Late Mature (LM) Final $\frac{1}{4}$ natural life span, start of declining/retrenching crown Veteran (V) From LM into senescence, and/or experienced numerous storm damage/failure events with associated wounds and decay.
Condition	Good, Fair, Poor. Dead. In addition, specific diseases, defects or faults are described.
Action and/or comments	Recommendations for tree work where observed as necessary, including further investigations of suspected defects which may require more detailed assessment. If blank no works are recommended.
ERC.	Estimated remaining contribution in years: Less than 10 years; 10-20 years; 20 -40 years; more than 40 years.
Cat.	BS5837 Category: A Red; B Blue; C Grey; U Red.
Root Protection Area (RPA)	The root protection in m <sup>2</sup> , as area and/or radial distance as measured from the centre of the tree stem. For linear features a buffer may be recommended, to be measured from tree stems facing the site.

## TREE SURVEY DATA

Tree No	Species	Ht. (m)	Dia. (mm)	Crown extents (m)				HCC (m)	Life stage	Physiological Condition	Structural Condition	Comment	ERC	BS Cat.	RPA m <sup>2</sup>	RPA r(m)
				N	E	S	W									
G1	Apple <i>Malus domestica</i> Ash <i>Fraxinus excelsior</i>	4	MS	Approx. 2.5				0	EM	Good	Good	Ø < 150mm	20+	C2	Canopy extents	
T2	Monterey Cypress <i>Cupressus macrocarpa</i>	6	450 at 1.2	6	6	?	3	1	M	Poor	Poor		10	U	-	-
G3*	Privet <i>Ligustrum lucidum</i>	6	MS	6	-	-	-	0	M	Good	Fair; acute unions	Limited access	20	C2	Canopy extents	
T4*	Sycamore <i>Acer pseudoplatanus</i>	12	320	8	5	2?	5	2	EM	Good	Good		40	B1	48	4.0
G5*	Privet	2	MS	6	4	?	4	0	M	Good	Good		20	C1	See plan	
G6	Lawson's Cypress <i>Chamaecyparis lawsoniana</i> Ash, <i>Cotoneaster</i> spp.	5	MS	2/3 all round				0 – 1.5	EM	Good	Good	Ø for ash is 250	20	B2	See plan 3m for ash tree	
G7	Silver Birch x 2 <i>Betula pendula</i>	15	420 300 210	5	7	7	6	0 – 2	M	Good	Good	Both trees are just off-site	20	B2	5.0 per stem	
G8*	Cherry <i>Prunus avium</i>	7	120	5	4	4	0	1	EM	Good	Good		20+	C2	1.5/stem	
T9	Oak <i>Quercus robur</i>	9	490 E	8	4	8	7	1.8.S	M	Good	Good	Crown skirt 1.5m	40	A1	108	6.0
G10	Ash	6	150 Ave.	-	-	-	2	?	EM	Good	Uncertain		20+	C2	2.0 per stem	
T11	Bird cherry <i>Prunus padus</i>	6	180	2	?	2	8	1.5	EM	Good	Uncertain		20	C1	14	2.5
T12	Ash	6	MS	4	4	4	4	0	M	Good	Poor	4 ash stems	20	C2	50	4.0
T13	Ash	6	160 230	5	1	7	5	0	M	Good	Poor; basal decay		10	C1	35	3.5
T14	Oak	15	950	7 E	2	8	3	2	M	Fair	Fair		40	A1	407	11.5
T15	Oak	15	780	7 E	3	8	1	2	M	Good	Good		40	A1	275	9.5
T16	Oak	17	1300	8	7	10	6	1.5	M	Good	Uncertain	Ivy obscures	40+	A1	707	15.0
T17	Oak	10	1040	5	8	8	6	1.5	M	Good	Fair; stem & branch decay		40	B1	490	12.5
T18	Ash	14	450x2 600	5?	6	8	6	1	M	Good	Fair		20+	B1	346	10.5
T19	Caucasian Lime <i>Tilia euchlora</i>	11	340	5	5	5	5	3	M	Good	Good		40	A1	52	4.0
T20	Silver lime <i>Tilia tomentosa</i>	8	100 X6	2	2	2	2	0	EM	Good	Fair; stems from stump		20+	C1	27	3.0
T21	Silver Birch <i>Betula pendula</i>	14	420	5	5	5	5	3	M	Good	Good		40	A1	62	4.5

## TREE SURVEY DATA

Tree No	Species	Ht. (m)	Dia. (mm)	Crown extents (m)				HCC (m)	Life stage	Physiological Condition	Structural Condition	Comment	ERC	BS Cat.	RPA m <sup>2</sup>	RPA r(m)
				N	E	S	W									
T22	Small leaf lime <i>Tilia cordata</i>	12	380	7	7	7	7	3	M	Good	Good		40	A1	62	4.5
T23	Small leaf lime	12	380	7	7	7	7	3	M	Good	Good		40	A1	65	4.5
T24	Narrow leaf Ash <i>Fraxinus angustifolia</i>	12	510	7	7	7	7	3	M	Good	Fair; wound at crown break & minor branch shedding		20	B1	117	6.0
T25	Ash	7	130x2	4	4	4	4	1	SM	Good	Fair; acute unions forming		20	C1	15	2.5
T26	Bay willow <i>Salix pentandra</i>	5	MS	6	6	6	6	0	M	Good	Fair; acute unions		20	C1	Canopy extents	
T27	Monterey Cypress <i>Cupressus macrocarpa</i>	7	?	4	-	-	-	?	M	Fair	Poor; topped		20	C1	?	?
T28	Hawthorn <i>Crataegus monogyna</i> Elm <i>Ulmus procera</i>	5	300	-	-	3	4	?	M	Fair	Fair		10+	C1		
G29	Elm Hawthorn <i>Crataegus monogyna</i> Spindle <i>Euonymus europaeus</i>	5	MS	-	-	-	-	0	EM	Good	Good		20	C2		
T30	Ash	11	400x2	7	7	7	7	0	M	Fair	Uncertain	Limited access, ivy obscures	-	C1	145	6.8

