

**BS 5837:2012 Tree Schedule: Land North of Milksey Lane,
Graveley,
Herts**

BS5837:2012 Tree Survey: Explanation of Survey Criteria

Sequential reference number cited on all aspect drawing.															e.g.: young, semi-mature, early-mature or mature.															Area around tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of roots and soil structure is a priority. *The RPA has been manipulated to allow for various site features, i.e. roads, structures or changes in levels. Please refer to the Tree Constraints Plan for these 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Height and Crown spread measured to the nearest half meter; # denotes where this is estimated.															Category prefix A-C denotes arboricultural quality, decreasing from A (high) to C (low); Subcategories 1, 2 and 3 highlight associated arboricultural (1), landscape (2) and ecological (3) qualities. Category U trees are those in such a condition that they cannot be realistically retained as living trees in the current context for the long 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The following survey should not be interpreted as a report on tree health and safety. Aspect's opinion of tree condition and structural potential is valid for a limited period of 12 months from the date of inspection. Validity is assumed in the absence of inclement weather and no change to the trees existing setting.

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
1	Ash	520	13	6	5.25	6	5.75		1.75	4	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Hawthorn rubbing on stem	B2	6.3
2	Sycamore	280	12	6.75	2.5	7.75	6.25		2	0	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Forks from ground level	B2	8.7
		230														
		290														
		200														
		125														
3	Sycamore	275	12	5.25	5	5.75	3		2	0	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Forks from ground level	B2	6
		340														
		180														
		150														
		205														
4	Sycamore	245	12	4.5	5.25	3.5	3.75		2	0	Early Mature	Average	Poor	Mutually suppressed and cohesive with companion shelter Forks from ground level with tight unions Multiple wounds on stem on western aspect at c. 1.5m-4m	C12	6.3
		195														
		250														
5	Sycamore	120	12	4.5	2	2.25	5		2	2	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Maintains single leader for majority of height Crown biased west	B12	3.9
		180														
		210														
6	Sycamore	215	12	2.75	2	5	5.5		2	0	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Trunk bifurcates at c.0.5m, union tight Crown biased west	B2	4.2
		200														
		275														
7	Sycamore	170	12	6.25	3	3.75	5.75		1.75	2	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Bifurcates at c.0.5m, union tight Crown biased west Minor tip dieback	B2	6.9
		315														
		330														
		260														
8	Lime	455	12	7	4#	4.75	4.25		2.75	0.75	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Maintains single leader for majority of height Epicormic basal growth	B12	5.4
9	Sycamore	640	13	7.25	3.5	7.75	8		4.25	5.25	Early Mature	Average	Indifferent	Clad and obscured by Ivy, unable to thoroughly inspect Bifurcates at c.4.25m, union appears sound Mutually suppressed and cohesive with companion shelter	B12	7.8
		oi														

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
10	Sycamore	660	12	7.5	7.75	7	8		3	3	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Maintains single leader for majority of height Slightly sparse crown for species	B2	7.8
11	Lime	900#	16	6	105	6#	6#		0	0	Mature	Average	Indifferent	Stem inaccessible due to dense epicormic growth Slightly sparse crown for species Crown biased east	B2	10.8
12	Lime	900 oi	18	4.75	11.25	7	7#		0	0	Mature	Average	Indifferent	Stem inaccessible due to dense epicormic growth Mutually suppressed and cohesive with companion shelter Maintains single leader for majority of height	B12	10.8
13	Sycamore	620 oi	13#	4.75	12	7	0		2#	2#	Early Mature	Average	Poor	Clad and obscured by Ivy, unable to thoroughly inspect Trunk leans to east over adjacent road, crown biased east Stem bifurcates at c.1.5m, union tight	C12	7.5
14	Sycamore	805 250	16	5.25	10.75	6.75	8.5		3.25	3.25	Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Maintains single leader for majority of height Several cavities at base on northern and eastern aspect, with pockets of decay within root plate	C12	10.2
15	Sycamore	350 750 oi	12#	8.75	9.5	7.5	8		5.5	2	Mature	Average	Indifferent	Clad and obscured by Ivy, unable to thoroughly inspect Bifurcates from ground level, with tight union	B2	9.9
16	Field Maple	420 250 310 350	12#	4.5	5	6	10.75		3.75	1	Early Mature	Average	Poor	Mutually suppressed and cohesive with companion shelter Forks from ground level, with tight unions Over bearing limb to west	C12	8.1
17	Sycamore	590 oi	20#	6.25	7.25	5.75	5		3.5	3.5	Early Mature	Average	Indifferent	Clad and obscured by Ivy, unable to thoroughly inspect Trunk bifurcates at c.4.75m, union tight Epicormic growth from base	C12	7.2
18	Ash	620 oi	20#	6.25	8.25	4	7.75		5.25	5	Early Mature	Average	Indifferent	Clad and obscured by Ivy, unable to thoroughly inspect Moderate example for species	B2	7.5
19	Horse Chestnut	940 oi	22	6.75	9.25	10.5	7.75		5.25	1.75	Mature	Average	Indifferent	Clad and obscured by Ivy, unable to thoroughly inspect Moderate example for species	B12	11.4
20	Ash	720	19	7.5	7.25	9.5	7		5.5	6.5	Early Mature	Average	Indifferent	Inaccessible, ownership is ambiguous, unable to thoroughly inspect Adjacent to site access to south Bifurcates at c.2.5m, union tight with lobed reaction growth	B12	8.7
21	Ash	280 260 oi	18#	5#	3.5	6.25	5		4	5	Early Mature	Average	Indifferent	Clad and obscured by Ivy, unable to thoroughly inspect Bifurcates from ground level, union tight Crown biased south	C12	4.5

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
22	Holly	330 320 oi	9					3	4	0	Semi Mature	Below Average	Poor	Clad and obscured by Ivy, unable to thoroughly inspect Bifurcates from ground level, union tight Unremarkable example of species	C12	5.4
23	Ash	450	13	5.75	8	9#	9		4	4	Early Mature	Average	Indifferent	Inaccessible, ownership is ambiguous, unable to thoroughly inspect Adjacent to site access driveway Moderate example of species	B2	5.4
24	Field Maple	520	13	4.25	6.25	7.5	4.75		3	3	Mature	Average	Poor	Bifurcates at c.1m, union tight Wound from ground level to c.2m on southern aspect of trunk	C12	6.3
25	English Oak	1170	21	4.25	10.75	13	7.25		2	1.75	Mature	Above average	Indifferent	Inaccessible, ownership is ambiguous, unable to thoroughly inspect Adjacent to site access driveway Crown biased south Moderate example of species	B12	14.1
26	Scots Pine	550#	22					5.5#	8#	8#	Early Mature	Average	Indifferent	Inaccessible, ownership is ambiguous, unable to thoroughly inspect Adjacent to site access driveway Moderate example of species	B2	6.6
27	Scots Pine	510	17					4.5#	8#	8#	Early Mature	Below Average	Indifferent	Inaccessible, ownership is ambiguous, unable to thoroughly inspect Adjacent to site access driveway Sparse crown for species	C12	6
28	Beech	680	5					4.5#	2	0	Early Mature	Below Average	Poor	Wound from base to c.5m on southern aspect of trunk Previously topped at c.5m Unlikely to offer a long-term future contribution	U	N/A
29	Field Maple	160 180 180 140 160 140 120 120	5	3.25	4.25	4.5	4.5		0	0	Early Mature	Average	Poor	Multi stemmed from ground level, with tight unions Crown biased to south Unremarkable example of species	C12	5.1
30	Sycamore	560 430	12	5	5.75	8.75	7.75		1	0	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Bifurcates at c.0.5m, union sound Sparse crown for species	B2	8.4
31	English Oak	860	12	7.5	8.5	10.8	10		1	1	Mature	Average	Indifferent	Above average epicormic growth on stem Bifurcates at c.2.5m, union appears sound Slightly sparse crown for species	B2	10.2

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
G1	Elm Sycamore Field Maple Hawthorn Ash	300 av	10 av					4 av	0	0	Young to Early Mature	Below Average to Average	Indifferent	Partially clad and obscured by Ivy and bramble Structures appear typical for species within current context Several components in etiolated form Occasional standing dead occurring throughout Cohesive collection lining sites northern boundary	C12	3.6
G2	Sycamore Hawthorn Elder Lime Elm Hazel	250 av	10 av					5.5 av	0	0	Young to Early Mature	Below Average to Average	Indifferent	Partially clad and obscured by Ivy and bramble Structures appear typical for species within current context Several components in etiolated form Occasional standing dead occurring throughout Cohesive collection lining sites eastern boundary, providing understory to T4 to T9	C12	3
G3	Ash Sycamore Hawthorn Elm Elder Hazel Horse Chestnut	300 av	12 av					7#	0	0	Young to Early Mature	Average	Indifferent	Partially clad and obscured by Ivy and bramble Structures appear typical for species within current context Several components in etiolated form Occasional standing dead occurring throughout Cohesive collection lining sites eastern boundary, providing understory to T10 to T19	C12	3.6
G4	Elder Hawthorn Hazel Holly Sycamore Ash	200 av	4 av					3 av	0	0	Young to Early Mature	Below Average to Average	Poor	Intermittent parcel of self-set specimens and colonising scrub	C12	2.4
G5	Scots Pine Beech Ash Sycamore	420 av	16 av					6.5 av	0	0	Semi Mature to Early Mature	Average	Indifferent	Inaccessible, offsite within adjacent third-party land, unable to thoroughly inspect Mutually suppressed and cohesive forming one single canopy Individually of low significance, moderate value as collective only	B2	5.1
G6	Hawthorn Elder Ash Hornbeam Leyland Cypress	250 av	6 av					4 av	0	0	Young to Early Mature	Below Average to Average	Indifferent	Components predominantly clad and obscured by Ivy, unable to thoroughly inspect Cohesive linear collection lining sites western boundary mostly Leyland Cypress	C12	3