aspect arboriculture

BS 5837:2012 Tree Schedule: Land at Church Lane, Lydden

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BS5837:2012 Tree Survey: Explanation of Survey Criteria

*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 changes.*

e.g.: young, semi-mature, early-mature, mature or over-mature

Sequential reference number cited on all aspect drawing.

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.

Height and Crown spread measured to the nearest half meter; # denotes where this is estimated.

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 term.

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	radial							

Measured to the nearest 10mm; # denotes estimated diameter where access is not possible.

e.g.: above-average, average, below average or dead

General observations, i.e. defects, preliminary management recommendation, presence of pests/disease, perceived significance.

Height of first significant branch and/or canopy

e.g.: good, indifferent, poor, or hazardous

Colour band key:

Category A
Category B
Category C
Category U

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) N	E	S	W	Radial	First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
1	Sycamore	320 270 225 165	6	1	1.5	1.75	1.5		1.5	1.5	Early Mature	Below Average	Poor	Minimal foliage present at time of survey Multi stemmed from ground level, unions appear tight Recently unsympathetically crown reduced Reduced future potential	C12	6
2	Sycamore	330	7					1.5	1.75	1.75	Early Mature	Below Average	Poor	Minimal foliage present at time of survey Recently unsympathetically crown reduced Reduced future potential	C12	3.9
3	Cherry Plum	240 125	7.5	1.75	2.5#	2#	2		1.25	1.25	Semi Mature	Dead	Hazardous	Standing deadwood	U	N/A
4	Cherry Plum	220	4.5	1	1.5	2#	1.5		1	1	Semi Mature	Dead	Hazardous	Standing deadwood	U	N/A
5	Cherry Plum	155	5	2	0.75	2	2		1.75	1.75	Semi Mature	Below Average	Indifferent	Self set specimen Recently unsympathetically crown reduced Unremarkable example of species	C12	1.8
6	Cherry Plum	295	5.5	1.75	2	1.5	0.75		3.25	3	Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
7	Elder	275 200	4.5	0	2.5	2#	0		1.75	1.75	Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
8	Cherry Plum	255 140	5	2	1.5	1	1.25		1.5	1	Semi Mature	Below Average	Poor	Establishing basal epicormic growth Recently unsympathetically crown reduced Dominant stem appears dead Reduced future potential	C12	3.6
9	Cherry Plum	200 oi	4	1.25	1.25	1#	1.25		1	1	Semi Mature	Below Average	Poor	Clad and obscured by Ivy, unable to thoroughly inspect Establishing basal epicormic growth Recently unsympathetically crown reduced Unremarkable example of species	C12	2.4
10	Cherry Plum	255 435 oi	5.5					1.25	0.5	1	Early Mature	Dead	Hazardous	Clad and obscured by Ivy, unable to thoroughly inspect Standing deadwood	U	N/A
11	Sycamore	180 175	6	3.75	2.5	1.5#	2.5		0.5	1.5	Semi Mature	Below Average	Indifferent	Bifurcates from ground level, union tight but sound Recently unsympathetically crown reduced Unremarkable example of species	C12	3

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m) N	E	S	W	Radial	First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
12	Sycamore	790 580 #	5.5	5.25	5.25	0	4.75		1	1.25	Mature	Below Average	Hazardous	Stems inaccessible due to dense lower canopy Failed to prune to suitable pruning points Recently unsympathetically crown reduced Cavity with active decay on southern aspect of stem Unsympathetic removal of section of bole and stem on southern aspect to facilitate adjacent building Fruiting bodies on northern aspect of base at c. 1.5m Unlikely to offer a long-term future contribution, unsuitable for retention	U	N/A
13	Sycamore	140 70	3	3	2	2#	2		0.5	0.5	Semi Mature	Average	Poor	Recently unsympathetically crown reduced Readily replaceable at current size, low arboricultural value	C12	1.8
14	Elder	3*140#	3.5					2.5	0.25	0.5	Early Mature	Average	Indifferent	Crown breaks low Multi stemmed from ground level, unions appear sound Unremarkable example of species	C12	3
15	Ash	305	8.5	3.75	0	4.5#	6.25		3.25	3	Early Mature	Average	Poor	Recently unsympathetically crown reduced Significant lean to west from c. 4m Unremarkable example of species	C1	3.6
16	Sycamore	900#	9	3	1.5	4.25	5.5		0.5	0.5	Mature	Below Average	Poor	Heavily clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Recently unsympathetically crown reduced Reduced future potential	C1	10.8
17	Sycamore	730#	8.5	4.75	1.75	4.75	6.5		1	1	Mature	Below Average	Poor	Heavily clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Recently unsympathetically crown reduced Reduced future potential	C1	8.7
18	Field Maple	2*650#	3	0	1	2.5#	0		1.5	1.5	Mature	Below Average	Poor	Heavily clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Recently unsympathetically crown reduced Reduced future potential	C1	11.1

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m) N	E	S	W	Radial	First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
19	Field Maple	700 2*370 #	3	3.5	1.75	2.5#	1.5#		1	1	Mature	Below Average	Poor	Heavily clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Recently unsympathetically crown reduced Multi stemmed from ground level, unions appear sound Reduced future potential	C1	10.5
20	Field Maple	2*500 470 400 2*250 #	3	1	2.5	2.5	2.5		1	1	Mature	Below Average	Poor	Heavily clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Recently unsympathetically crown reduced Multi stemmed from ground level, unions appear sound Reduced future potential	C1	11.7*
21	Ash	550 500 #	3	2.75	0	2.5	1.5		0	0	Early Mature	Below Average	Poor	Heavily clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Recently unsympathetically crown reduced Bifurcates from ground level, union appear sound Reduced future potential	C1	9*
22	Sycamore	570 270 160 #	5	4	4.75	3.5	3.5		1.25	1.5	Early Mature	Below Average	Poor	Heavily clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Recently unsympathetically crown reduced Multi stemmed from ground level, unions appear sound Reduced future potential	C1	7.8
23	Sycamore	1165#	5.5	0	0	0	2		3.5	4	Mature	Below Average	Poor	Heavily clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Recently unsympathetically crown reduced Reduced future potential	C1	14.1*
24	Sycamore	875#	3	0	0	0	3.25		0.25	1	Mature	Below Average	Poor	Heavily clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Recently unsympathetically crown reduced Reduced future potential	C1	10.5

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m) N	E	S	W	Radial	First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
25	Sycamore	530 600 580 #	17	9	6.25	7.75	7.75		3	1.5	Mature	Average	Indifferent	Principal component of G2 Clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Mutually supressed and cohesive with companion shelter Dense crown, showing good signs of vitality Minor internal deadwood Multi stemmed from c. 0.5m, unions tight to c. 0.75m	A2	12
26	Sycamore	540 oi	15	5.75	2	5.5	7.25		1	0.5	Early Mature	Average	Indifferent	Dominant component of G2 Clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Mutually supressed and cohesive with companion shelter Minor internal deadwood Leaning west from ground level	B2	6.6
27	Field Maple	535 265 245 #	14	6.75	5#	4.75	8		2	2	Mature	Average	Indifferent	Principal component of G2 Clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Mutually supressed and cohesive with companion shelter Multi stemmed from ground level, unions obscured by Ivy	A2	7.8
28	Field Maple	450#	10	3	0	3.5	7.75		2.5	2	Early Mature	Average	Poor	Clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Mutually supressed and cohesive with companion shelter Significant lean to west from ground level Unremarkable example of species	C12	5.4
29	Field Maple	270#	7	4.5	0	2#	6.25		2	1.5	Early Mature	Average	Poor	Clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Mutually supressed and cohesive with companion shelter Significant lean to west from ground level Unremarkable example of species	C12	3.3
30	Ash	730 oi	14	3.75	2.25	3.25	6		4.25	2	Early Mature	Average	Poor	Dominant component of G2 Clad and obscured by Ivy, unable to thoroughly inspect Mutually supressed and cohesive with companion shelter Leaning west from ground level Canopy biased to west	B2	8.7

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31	Sycamore	260#	14	4.75	4	2.5	4.5		5	6.5	Semi Mature	Average	Indifferent	Clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Mutually supressed and cohesive with companion shelter Etiolated form Canopy biased to west Unremarkable example of species	C12	3
32	Sycamore	285#	12.5	3.25	1.75	1.75	6.5		1	1	Semi Mature	Average	Indifferent	Clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Mutually supressed and cohesive with companion shelter Etiolated form Canopy biased to west Unremarkable example of species	C12	3.3
33	Sycamore	515 480 295 345 405 265 255 175 #	18	8	7#	8.75	8.25		3.25	1	Mature	Average	Poor	Principal component of G2 Clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Mutually supressed and cohesive with companion shelter Multi stemmed from ground level, unions tight and over included	A2	11.7
34	Ash	255 585 575 #	14.5	8	7#	5.5	5.75		1	3.5	Mature	Average	Poor	Principal component of G2 Clad and obscured by Ivy, unable to thoroughly inspect Inaccessible, offsite within adjacent third-party land Fronting adjacent public right of way Mutually supressed and cohesive with companion shelter Slightly sparse crown for species Average internal deadwood of large diameter in lower crown Multi stemmed from c. 0.5m, unions tight and over included	A2	10.2
35	Hawthorn	160	4	2	2.75	2.75	2.25		1.75	1.75	Semi Mature	Below Average	Poor	Situated within sites boundary Exposed and scalped surface roots Longitudinal cavity on eastern aspect of stem Readily replaceable at current size, low arboricultural value	C12	1.8
36	Ash	410 245 155	9	6.5#	4.25	4.75	5.5		1.5	1.75	Early Mature	Below Average	Poor	Exposed and scalped surface roots Structure typical for lapsed pollard Unions fused to c. 0.5m Multiple cavities and pockets of decay within bole Above average internal deadwood Low arboricultural quality	C12	6

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37	Ash	650	16	7.5#	9.75	9	7.5		1.5	1.5	Early Mature	Below Average	Indifferent	Situated within sites boundary Exposed and scalped surface roots Minor internal deadwood Slightly sparse crown for species Above average epicormic growth Moderate example of species	B12	7.8
38	Sycamore	1100#	16					9.5	6	3.25	Mature	Average	Good	Inaccessible, offsite within adjacent third-party land Well balanced radial crown and scaffold structure Minor internal deadwood Minor cavities within old pruning points throughout lower stem Browsing damage at base Good example of the species at maturity	A12	13.2
39	Elder	75	3.5					1.5	0.5	0.5	Young	Average	Indifferent	Self set specimen Readily replaceable at current size, low arboricultural value	C12	0.9
40	Elm	650#	4	6	13	2.75	0		0	0	Early Mature	Below Average	Hazardous	Failed at base and collapsed to the east Hazardous structural condition, unsuitable for retention	U	N/A
41	English Oak	670#	9.5					0	0	0	Early Mature	Dead	Hazardous	Standing deadwood monolith	U	N/A
42	Ash	700#	18	10#	7.5	8#	7#		6#	6#	Mature	Average	Indifferent	Inaccessible, offsite within neighbouring residential land, unable to thoroughly inspect Dense crown, showing good signs of vitality Minor internal deadwood Prominent boundary feature Moderate example of the species	B12	8.4
43	Norway Spruce	320#	10					3.75	2	2	Early Mature	Below Average	Indifferent	Inaccessible, offsite within neighbouring residential land, unable to thoroughly inspect Sparse crown for species Dieback to upper crown Overhead utility cables within close proximity to the canopy on western aspect Reduced future potential	C1	3.9
44	Silver Birch	305 300	9	5.25	5.5	3.25	5.5		2.25	0.5	Early Mature	Average	Poor	Bifurcates from ground level, union tight and over included Unremarkable example of species	C12	5.1

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45	Leyland Cypress	355	8.5	3.25	2.75	2.25	2		0.25	0.5	Early Mature	Average	Indifferent	Maintains single leader for majority of height Slightly sparse crown for species Unremarkable example of species	C12	4.2
46	Apple	130 125	3.5					2	1	1	Semi Mature	Average	Indifferent	Squat canopy form Readily replaceable at current size, low arboricultural value	C12	2.1
47	Apple	185	4					2.25	1.25	1.25	Semi Mature	Average	Indifferent	Squat canopy form Readily replaceable at current size, low arboricultural value	C12	2.1
48	Apple	120	4					1.5	1	1.75	Semi Mature	Average	Indifferent	Squat canopy form Readily replaceable at current size, low arboricultural value	C12	1.5
49	Hazel	3*75 4*60 5*30 #	6					3.5	0.5	0.5	Semi Mature	Average	Indifferent	Stems inaccessible due to dense lower canopy Multi stemmed from ground level Readily replaceable at current size, low arboricultural value	C12	2.1
50	Tamarisk	3*110 4*40 #	4	4.5	3.75	3.5	4		1.75	1.75	Semi Mature	Average	Indifferent	Establishing ornamental planting situated within neighbouring residential land, inaccessible Readily replaceable at current size, low arboricultural value	C12	2.1
G1	Ash Cherry Plum Privet Sycamore	75 max	2 av					1.5 av	0.5 av	0.5 av	Young	Below Average to Average	Poor to Indifferent	Intermittent parcels of self-set specimens and colonising scrub Readily replaceable at current size, low arboricultural value	C12	0.9
G2	Ash Elder Field Maple Holly Sycamore Viburnum	350 av	6 av					2.5 av	0.5 av	0.5 av	Young to Semi Mature	Below Average to Average	Poor to Indifferent	Inaccessible, offsite within adjacent third-party land, unable to thoroughly inspect Fronting adjacent public right of way Predominantly clad and obscured by Ivy Filters views across neighbouring land Provides understorey for T25 to T34 Individually of low significance, conferred moderate value as collection	B2	4.2
G3	Blackthorn Elder Hawthorn	225 max	7 max					4.5 max	1 av	1 av	Young to Semi Mature	Average	Indifferent	Small parcel of self-set specimens and colonising scrub Unremarkable collection	C12	2.7

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G4	Elder Elm Hawthorn	270 250 110 # max	8 max					3 max	0.5 av	0.5 av	Young to Early Mature	Below Average to Average	Poor to Indifferent	Intermittent collection of self set scrub Predominantly clad and obscured by Ivy, unable to thoroughly inspect Occasional standing dead Elm occurring throughout Unremarkable collection	C12	4.5*
G5	Leyland Cypress	200 100 # av	3 to 7					4 av	1 to 3	1 to 3	Semi Mature	Below Average to Average	Poor to Indifferent	Inaccessible offsite group, situated within third party land Unremarkable collection	C12	2.7
G5	Cotoneaster Elder Leyland Cypress	200 100 # av	6 av					4 av	1 to 3	1 to 3	Young to Semi Mature	Below Average to Average	Poor to Indifferent	Inaccessible offsite group, situated within third party land Intermittent collection of low quality ornamental plantings Predominantly readily replaceable at current size, low arboricultural value	C12	2.7
G6	Holly Privet Viburnum	2*75 max	2 av					1.5 av	0.5 av	0.5 av	Young to Semi Mature	Below Average to Average	Poor to Indifferent	Intermittent group of ornamental plantings and shrubs Readily replaceable at current size, low arboricultural value	C12	1.2
H1	Leyland Cypress	220 max	3.5 to 9					2.75 max	0.5 to 1	0.5 to 1	Semi Mature	Average	Indifferent	Partially managed hedgerow, maintained on lower canopies only Filters views across neighbouring land Overhead utility cables travel over western extent	C12	2.7
H2	Hawthorn Leyland Cypress	170# max	2 av					1.5 av	0.25 av	0.25 av	Semi Mature	Below Average to Average	Poor to Indifferent	Maintained domestic hedgerow	C12	2.1
H3	Elm Elder Blackthorn Privet	75 max	1.5 av					1.5 av	0.25 av	0.25 av	Semi Mature	Average	Indifferent	Maintained field boundary hedgerow	C12	0.9
H4	Beech	75 max	2.5 av					1.25 av	0.25 av	0.25 av	Young	Average	Indifferent	Maintained domestic hedgerow	C12	0.9