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BS 5837:2012 Tree Schedule: Hilland Road, Billingshurst

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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.*

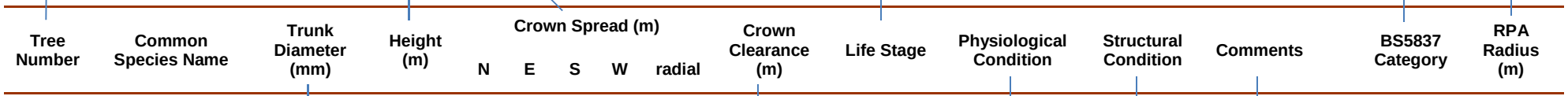
e.g.: young, semi-mature, early-mature or mature.

Sequential reference number cited on all aspect drawing.

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 term.



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

Height of first significant branch and/or canopy

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

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

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

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)				Radial	First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W									
1	English Oak	1000#	18m	9.5	6#	8.5#	8.5		3	3.5	Mature	Average	Moderate	Offsite: Inaccessible behind c.10m of Blackthorn scrub Cannot inspect base Branching from c.3m Previously reduced to c.13m	A12	12
2	English Oak	1100	18m	6	8#	13	11.25		4	2	Mature	Average	Indifferent	Offsite Single stem; forking at c.3m Dense Ivy present Average deadwood within canopy Moderate individual quality	A2	13.2
3	English Oak	980	20m	8	8#	8	8.5		5.5	1.75	Mature	Average	Moderate	Offsite Single stem Branching from c.5m Average deadwood within canopy Moderate individual quality	A2	11.7
4	Field Maple	2 x 300	13m	4	5#	6	6.25		2.5	3	Early Mature	Average	Indifferent	Offsite Twin stemmed from base Suppressed by T5 Dense Ivy present Structure typical for species	B2	5.1
5	English Oak	720	18m	3.5	7#	6	6.75		3.5	1.5	Early Mature	Average	Indifferent	Offsite Single stem Branching from c.4m Above average amount of deadwood within lower canopy Mutually suppressed	A2	8.7
6	Field Maple	320 220	10m	2.5#	5#	3.75	4		1.5	1.75	Early Mature	Average	Indifferent	Offsite Single bole; forking at c.1m into 2 Dense Ivy present Suppressed by T5 & T7 Low individual quality	B2	4.8
7	Ash	440	19m	4	5#	8.25	9		3	0.5	Early Mature	Below Average	Indifferent	Offsite Single stem Suppressed by T5 & T8 Canopy forms to southwest Sparse upper canopy Low individual quality	B2	5.4
8	English Oak	810	21m	5.75	7#	6	9.75		5.5	2.25	Mature	Average	Indifferent	Offsite Single stem; branching from c.3m Upper canopy slightly sparse Dense Holly at base	A2	9.6
9	Field Maple	350 170 230 160	10m	3.75	5.5	3.5	4.5		2	0.5	Mature	Average	Poor	Offsite Twin stemmed from base; forking at c. 1.25m Decay in northern stem	B2	5.7
10	Ash	690 110	17m	3.5	5	4.5	6.5		2.5	1	Early Mature	Below Average	Poor	Offsite Single stem Suckering at base Significant decay at base to southeast Sparse upper canopy	U	n/a
11	Ash	390	15m	4.25	5	2	3.5		4.25	2	Early Mature	Below Average	Indifferent	Offsite Single stem Rot hole in branch socket to west at c.1m Sparse canopy Low individual quality	B2	4.8
12	English Oak	410	12m	3.25	8#	5	2.5		4.5	3	Early Mature	Average	Indifferent	Offsite Single stem with lean to east Suppressed to west Upper canopy structure typical Low individual quality	B2	4.8

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								
13	English Oak	460 640 540 500 380	19m	4.5	10#	4.5	12.25		5.5	1.5	Mature	Below Average	Poor	Offsite Single bole; forking at c.1m Sparse canopy Lower canopy suppressed to south Dominant component of boundary group Declining prysiological condition	A2	13.8
14	English Oak	900#	20m	8	10#	7	11.5		5	3	Mature	Average	Indifferent	Offsite Inaccessible; cannot inspect base Single stem; forking at c.4m Mutually suppressed with T13 Upper canopy slightly sparse Dominant component of boundary group Moderate individual quality	A2	10.8
15	Norway Maple	65	4m					1.25	n/a	2	Young	Average	Indifferent	Recent ornamental planting	C12	0.9
16	Field Maple	450 230	10m	3.25	5	3	3.5		2	1	Mature	Average	Indifferent	Offsite Single bole; forking at c.0.5m Dense ivy present Average deadwood within canopy	B2	6
17	Ash	470	8m	5	2.5#	2	3		1.75	1.75	Early Mature	Below Average	Hazardous	Offsite Significant deay within stem Collapsed and hung up within adjacent tree	U	n/a
G1	Field Maple Blackthorn Leyland Cypress Hawthorn Holly Wild Plum	600# max. 250 ave.	14 max.					4	1-2m	0.5-3m	Young - mature	Average	Indifferent	Boundary tree belt Dominant components individually surveyed Forms understorey to dominant components Mutually suppressed Young Blackthorn scrub encroaching into field	B2	7.2 max. 3 ave.