

BS5837:2012 Tree Survey

Arbtech Consulting Ltd

Client: Dani Czernuszka-Watts
 Project: The Spindles
 Survey Date: 03/09/2026
 Surveyor: Jim Green



Unit 3, Well House Barns
 Chester Road
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Tree and Tag No Species		Hght (m)	Stems		Crown		Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations			Cat ERC	
			No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment				
1H												Estimated Measurements			
A Hedge		3	1	180	N	1	0	SM	A: 14.7 R: 2.16	Good	C: Good S: Not visible B: Not visible	Off site, predominantly conifer hedge. Dimensions estimated for typical member of hedge.			C.1.2
See comments for details					E	1	0								10+ yrs
					S	1	0								
					W	1	0								
2G												Estimated Measurements			
A Group		3	1	100	N	1	0	SM	A: 4.5 R: 1.19	Good	C: Good S: Not visible B: Not visible	Off site group including laurel, apple and buddleia. Dimensions estimated for typical member of group.			C.1.2
See comments for details					E	1	0								10+ yrs
					S	1	0								
					W	1	0								
3T												Estimated Measurements			
Deodar Cedar		11	1	450	N	6	3	SM	A: 91.6 R: 5.39	Good	C: Good S: Not visible B: Not visible	Off site tree.			B.1.2
Cedrus deodara					E	7	2								20+ yrs
					S	7	2								
					W	5	2								
4C															
A Collection		3	4	104 (Eq)	N	0.5	0	SM	A: 4.9 R: 1.24	Good	C: Good S: Good B: Good	Collection of 5x fastigate yew. Dimensions recorded for typical member of collection.			C.1.2
See comments for details					E	0.5	0								10+ yrs
					S	0.5	0								
					W	0.5	0								
Age Classifications:		N	Newly planted	EM	Early Mature		Condition:		C	Crown	Stems:		Ø	Diameter	
		Y	Young	M	Mature				S	Stem			(Eq)	Equivalent stem diameter using BS5837:2012 definition	
		SM	Semi-mature	OM	Over Mature				B	Basal area	ERC:		Estimated Remaining Contribution		

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		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment			
5T													
Common Hawthorn <i>Crataegus monogyna</i>	7	1	400	N	2	1	SM	A: 72.4 R: 4.8	Good	C: Good S: Fair B: Good	Cavity and split to lower stem.	C.1 10+ yrs	
6T													
Cultivated Apple <i>Malus domestica</i>	3	4	185 (Eq)	N	0.5	2	SM	A: 15.5 R: 2.22	Good	C: Good S: Good B: Good	No significant features.	C.1 10+ yrs	
7T													
Norway Maple <i>Acer platanoides</i>	11	1	570	N	5	2	SM	A: 147 R: 6.84	Good	C: Good S: Good B: Good	No significant features.	B.1.2 20+ yrs	
8T													
Silver Birch <i>Betula pendula</i>	11	1	320	N	3	3	SM	A: 46.3 R: 3.83	Fair	C: Fair S: Good B: Good	Lateral dieback, multiple minor deadwood.	C.1.2 10+ yrs	
9T													
Plum <i>Prunus Domestica</i>	9	1	330	N	1	2	SM	A: 49.3 R: 3.96	Good	C: Good S: Poor B: Fair	Necrotic stump from historic apical leader failure. Lateral limb has corrected phototropically to reform crown.	U <10 yrs	
10T													
Downy Birch <i>Betula pubescens</i>	12	1	360	N	7	5	SM	A: 58.6 R: 4.31	Good	C: Good S: Good B: Good	Multiple necrotic tear-out wounds throughout crown.	C.1 10+ yrs	
Age Classifications:	N Y SM	Newly planted Young Semi-mature	EM M OM	Early Mature Mature Over Mature	Condition:		C S B	Crown Stem Basal area	Stems:	Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012 definition	ERC:	Estimated Remaining Contribution	

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations		Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
11T												
Saucer Magnolia <i>Magnolia soulangiana</i>	2	3	134	(Eq) N	0.5	1.5	SM	A: 8.1 R: 1.6	Good	C: Good S: Good B: Good	No significant features.	C.1 10+ yrs
12T												
Downy Birch <i>Betula pubescens</i>	12	1	240	N	5	6	SM	A: 26.1 R: 2.88	Good	C: Good S: Good B: Good	No significant features.	C.1 10+ yrs
13G												
A Group <i>See comments for details</i>	13	1	470	N	6	1	SM	A: 99.9 R: 5.63	Good	C: Good S: Good B: Good	Group of ~13x trees. Species include beech, sycamore, cherry, larch and blackthorn. Dimensions recorded for largest member of group.	B.1.2 20+ yrs
14T												
Blackthorn <i>Prunus spinosa</i>	8	5	598	(Eq) N	2	2	M	A: 162 R: 7.18	Good	C: Good S: Good B: Fair	Multi-stemmed from base, sprawling form. Western stem failed at base and resting in adjacent sapling.	C.1 10+ yrs
15H												
A Hedge <i>See comments for details</i>	1.5	1	30	N	0.5	0	SM	A: 0.4 R: 0.35	Good	C: Good S: Good B: Good	Screening conifer hedge. Dimensions recorded for typical member of hedge.	C.1 10+ yrs
16T												
Hupeh Rowan <i>Sorbus hupehensis</i>	3	1	80	N	0.5	2	SM	A: 2.9 R: 0.96	Good	C: Good S: Good B: Good	No significant features.	C.1 10+ yrs
Age Classifications: N Newly planted EM Early Mature Condition: C Crown Y Young M Mature S Stem SM Semi-mature OM Over Mature B Basal area Stems: Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012 definition ERC: Estimated Remaining Contribution												

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		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
17T												
Cultivated Apple <i>Malus domestica</i>	3	1	140	N	1	1	SM	A: 8.9 R: 1.68	Good	C: Good S: Good B: Good	No significant features.	C.1 10+ yrs
18T												
Cultivated Apple <i>Malus domestica</i>	2	3	189 (Eq)	N	2	1	SM	A: 16.2 R: 2.27	Good	C: Good S: Good B: Good	No significant features.	C.1 10+ yrs
19H												
A Hedge <i>See comments for details</i>	1	1	20	N	1	0	SM	A: 0.2 R: 0.25	Good	C: Good S: Good B: Good	Screening box hedge. Dimensions recorded for typical member of hedge.	C.1 10+ yrs
20C												
A Collection <i>See comments for details</i>	2	2	166 (Eq)	N	1	1	SM	A: 12.5 R: 1.99	Good	C: Good S: Fair B: Good	Collection of 4x apple. Dimensions recorded for typical member of collection.	C.1 10+ yrs
21T											Estimated Measurements	
Common Hawthorn <i>Crataegus monogyna</i>	10	1	1350	N	6	2	M	A: 707 R: 15	Good	C: Good S: Good B: Good	Multi-stemmed from base hence estimation of collective stem diameter.	B.1 20+ yrs
22H												
A Hedge <i>See comments for details</i>	2	1	30	N	0.5	0	SM	A: 0.4 R: 0.35	Good	C: Good S: Good B: Good	Screening hedge. Species include laurel, privet and pyracantha. Dimensions recorded for typical member of hedge.	C.1.2 10+ yrs
Age Classifications:	N Y SM	Newly planted Young Semi-mature	EM M OM	Early Mature Mature Over Mature			Condition:	C S B	Crown Stem Basal area		Stems: Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012 definition ERC: Estimated Remaining Contribution	

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		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment			
23T													
Sycamore <i>Acer pseudoplatanus</i>	15	2	594	(Eq) N	6	3	SM	A: 159.6 R: 7.12	Good	C: Good S: Good B: Good	Growing in hedgerow. Bifurcation at 0.5m into codominant stems, tight union,	B.1.2 20+ yrs	
24G													Estimated Measurements
A Group <i>See comments for details</i>	11	1	230	N	3	3	SM	A: 23.9 R: 2.75	Good	C: Good S: Good B: Good	Group of 2x beech growing in hedgerow which restricts access. Dimensions estimated for largest member of group.	B.1.2 20+ yrs	
25T													Estimated Measurements
Field Maple <i>Acer campestre</i>	12	3	333	(Eq) N	3	3	SM	A: 50 R: 3.98	Good	C: Good S: Good B: Not visible	Growing in hedgerow which restricts access. Trifurcation from base into dominant and lesser stems.	B.1.2 20+ yrs	
26T													
Prunus <i>Prunus Spp.</i>	2	3	169	(Eq) N	0.5	1	SM	A: 12.9 R: 2.02	Good	C: Good S: Fair B: Good	Necrotic tear-out and flush-cut wounds throughout.	C.1 10+ yrs	
27T													
Common Hawthorn <i>Crataegus monogyna</i>	5	1	230	N	2	2	SM	A: 23.9 R: 2.75	Dead	C: S: B:	Standing-dead tree.	U n/a	
28T													
Common Hawthorn <i>Crataegus monogyna</i>	4	3	160	(Eq) N	0.5	2	SM	A: 11.6 R: 1.92	Good	C: Good S: Good B: Good	Part-suppressed, understorey tree. Ivy-clad almost to apex.	C.1.2 10+ yrs	
Age Classifications:	N Y SM	Newly planted Young Semi-mature	EM M OM	Early Mature Mature Over Mature			Condition:	C S B	Crown Stem Basal area		Stems: ERC:	Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012 definition Estimated Remaining Contribution	

