

BS5837:2012 Tree Survey

Arbtech Consulting Ltd

Client: Andrew Loosley
 Project: East of Orchard Gardens, Woodgate, West Sussex
 Survey Date: 03/03/2012
 Surveyor: David Garrick



Unit 3 Well House Barns
 Chester Road
 Chester
 CH4 0DH

Tree and Tag No		Hght (m)	Stems		Crown		Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations			Cat ERC
Species			No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment			
G1														
A Group		8	0		N	5	2	SM	A: 0	Fair	C: Fair		2	
--					E	5	2		R: 0		S: Fair			
					S	5	2				B: Good	Linear group along property boundary. Ivy on stems to 3/4 height	20 to 40 yrs	
					W	5	2							
G1a														
Field Maple		0	1	550					A: 136.9		C:			
Acer campestre									R: 6.6		S:			
											B:			
G1b														
Field Maple		0	2	586 (Eq)					A: 155.3		C:			
Acer campestre									R: 7.03		S:			
											B:			
G1c														
Field Maple		0	3	505 (Eq)					A: 115.5		C:			
Acer campestre									R: 6.06		S:			
											B:			
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				

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			
G1d														
Field Maple <i>Acer campestre</i>		0	2	525 (Eq)				A: 124.7 R: 6.3		C: S: B:				
G1e														
Field Maple <i>Acer campestre</i>		0	3	527 (Eq)				A: 125.6 R: 6.32		C: S: B:				
G2														
A Group --		4	1	180	N E S W	3 3 3 3	1 1 1 1	Y A: 14.7 R: 2.16	Fair	C: Fair S: Fair B: Fair	situated along property boundary. Unmanaged hedge. Elm& Prunus			C.2 20 to 40 yrs
G3														
A Group --		5	1	200	N E S W	3 3 3 3	1 1 1 1	SM A: 18.1 R: 2.4	Fair	C: Fair S: Fair B: Fair	Hazel,Elm & Prunus			C.2 20 to 40 yrs
G4														
A Group --		6	1	200	N E S W	3 3 3 3	1 1 1 1	SM A: 18.1 R: 2.4		C: Fair S: Fair B: Fair	Field Maple, Hazel			C.2 20 to 40 yrs
G5														
A Group --		7	1	200	N E S W	3 3 3 3	1 1 1 1	SM A: 18.1 R: 2.4		C: Fair S: Fair B: Fair	Field Maple, Hazel			C.2 20 to 40 yrs
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				

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			
G6														
A Group	0	1	200	N	3	1	SM	A: 18.1	Fair	C: Fair			C.2	
--				E	3	1		R: 2.4		S: Fair			10 to 20 yrs	
				S	3	1				B: Fair				
				W	3	1								
G7														
A Group	5	1	220	N	4	1	SM	A: 21.9	Fair	C: Fair			C.2	
--				E	4	1		R: 2.64		S: Fair	Elm, Willow, Hazel		10 to 20 yrs	
				S	4	1				B: Fair				
				W	4	1								
G8														
A Group	5	1	210	N	3	1	SM	A: 20	Fair	C: Fair			C.2	
--				E	3	1		R: 2.52		S: Fair	Elm, Hazel, Hawthorn		10 to 20 yrs	
				S	3	1				B: Fair				
				W	3	1								
1														
Chinese Flowering Ash	16	7	1085 (Eq)	N	7	7	M	A: 532.4	Fair	C: Fair			C.1	
<i>Fraxinus mariesii</i>				E	7	3		R: 13.01		S: Fair	Multistemmed from base. Decay at base of stems. Cavity >500mm deep at centre of stems and extending up into stems. Major deadwood in crown (>50mm).		10 to 20 yrs	
				S	7	5				B: Poor				
				W	6	8								
2														
Common Ash	15	2	623 (Eq)	N	7	7	M	A: 175.5	Fair	C: Fair			C.1	
<i>Fraxinus excelsior</i>				E	7	3		R: 7.47		S: Fair	Twinstemmed from base. Previously multistemmed but stems have been removed. Cavity at base of stems extending up into stems. South stem hollow. Crown suppressed by neighbouring tree		10 to 20 yrs	
				S	0	13				B: Poor				
				W	5	8								
3														
Common Ash	12	5	683 (Eq)	N	7	5	M	A: 210.9	Fair	C: Fair			U	
<i>Fraxinus excelsior</i>				E	7	4		R: 8.19		S: Fair	Multistemmed from base. Decay at centre of stems. Inonotus hispidus fungal fruiting body found detached st base of tree.		<10 yrs	
				S	4	2				B: Poor				
				W	4	5								
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														

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			No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
4													
Wych Elm <i>Ulmus glabra</i>		4	1	210	N	3	1	SM	A: 20 R: 2.52	Fair	C: Fair S: Fair B: Fair		C.1 10 to 20 yrs
5													
Wych Elm <i>Ulmus glabra</i>		4	2	266 (Eq)	N	3	1	SM	A: 32.1 R: 3.19	Fair	C: Fair S: Fair B: Fair		C.1 10 to 20 yrs
6													
Common Oak <i>Quercus robur</i>		10	2	516 (Eq)	N	4	4	SM	A: 120.5 R: 6.19	Decline	C: Poor S: Fair B: Fair	Sparsely foliated. Major crown dieback Major deadwood throughout crown. Felling recommended	U <10 yrs
7													
Common Hawthorn <i>Crataegus monogyna</i>		7	1	280	N	1	2	SM	A: 35.5 R: 3.36	Fair	C: Fair S: Fair B: Fair	Overtopped by neighbouring trees	C.1 10 to 20 yrs
8													
Common Oak <i>Quercus robur</i>		15	1	660	N	4	4	M	A: 197.1 R: 7.92	Good	C: Fair S: Good B: Good	Major deadwood in crown. Crown suppressed by neighbouring tree	B.1 20 to 40 yrs
9													
Common Oak <i>Quercus robur</i>		16	1	740	N	8	4	M	A: 247.8 R: 8.88	Good	C: Fair S: Good B: Good	Major deadwood in crown	B.1 20 to 40 yrs
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													

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			No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment		
10													
Common Oak <i>Quercus robur</i>		13	1	530	N	5	4	SM	A: 127.1 R: 6.36	Fair	C: Fair S: Good B: Good	Major deadwood in crown	B.1 20 to 40 yrs
					E	4	4						
					S	5	4						
					W	7	4						
11													
Common Ash <i>Fraxinus excelsior</i>		11	3	689 (Eq)	N	4	5	M	A: 214.7 R: 8.26	Fair	C: Fair S: Fair B: Poor	Cavity at base of stems extending up into stems.	C.1 10 to 20 yrs
					E	6	4						
					S	6	4						
					W	6	4						
12													
Common Ash <i>Fraxinus excelsior</i>		13	1	450	N	3	5	SM	A: 91.6 R: 5.39	Fair	C: Fair S: Fair B: Poor	Previously multistemmed. Cavity at base of stem extending up into stem	C.1 10 to 20 yrs
					E	5	4						
					S	5	3						
					W	5	2						
13													
Common Ash <i>Fraxinus excelsior</i>		12	2	627 (Eq)	N	7	3	M	A: 177.8 R: 7.52	Fair	C: Fair S: Fair B: Poor	Twinstemmed from base. Cavity at base of stems. Major deadwood in crown	C.1 10 to 20 yrs
					E	6	2						
					S	5	4						
					W	6	4						

Report selection criteria.

Projects.

East of Orchard Gardens, Woodgate, West Sussex

Date Range.

Any Date

Work types.

----> -No Selection made-

Latest Survey.

All surveys for the selected trees.
---> Last survey for each selected tree.

Work Completed.

---> Work Completed
---> Work Not Completed

Number of trees in selected Project(s) 26
Number of trees in Report selection 26

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