

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
 Phone: 01244 661170

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			
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 Y Young SM Semi-mature EM Early Mature M Mature OM Over Mature Condition: C Crown S Stem B Basal area Stems: Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012 definition													

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				10 to 20 yrs
				S	4	1				B: Fair	Elm, Willow, Hazel			
				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				10 to 20 yrs
				S	3	1				B: Fair	Elm, Hazel, Hawthorn			
				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				10 to 20 yrs
				S	7	5				B: Poor	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).			
				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				10 to 20 yrs
				S	0	13				B: Poor	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			
				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				<10 yrs
				S	4	2				B: Poor	Multistemmed from base. Decay at centre of stems. Inonotus hispidus fungal fruiting body found detached st base of tree.			
				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														

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		
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													

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		
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**

Age Classifications:

N	Newly planted	EM	Early Mature
Y	Young	M	Mature
SM	Semi-mature	OM	Over Mature

Condition:

C	Crown
S	Stem
B	Basal area

Stems:

Ø	Diameter
(Eq)	Equivalent stem diameter using BS5837:2012 definition