

BS5837:2012 Tree Survey

Arbtech Consulting Ltd

Client: Chillingham Ltd
 Project: The Meadway, Tilehurst
 Survey Date: 16/03/2015
 Surveyor: David Garrick



Unit 3 Wells House Barns
 Chester Road
 Chester
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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			
G1													
A Group	9	1	300	N	3	3	SM	A: 40.7	Fair	C: Fair			C.2
- -				E	3	3		R: 3.59		S: Fair	Group of sycamore, hawthorn, oak along bank edge		20 to 40 yrs
				S	3	3				B: Good			
				W	3	3							
G2													
A Group	10	0		N	4	2	SM	A: 0	Fair	C: Fair			B.2
- -				E	4	2		R: 0		S: Fair	Woodland group along bank, shelter planting		20 to 40 yrs
				S	4	2				B: Good			
				W	4	2							
G2-1													
Norway Maple	0	1	290				SM	A: 38.1		C:			
<i>Acer platanoides</i>								R: 3.48		S:			
										B:			
G2-2													
Prunus	0	1	520				M	A: 122.3		C:			
<i>Prunus Unknown</i>								R: 6.23		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 (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations	Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment	
G2-3 Common Ash <i>Fraxinus excelsior</i>	0	2	470 (Eq)			SM	A: 100 R: 5.64		C: S: B:	.....	
G2-4 White Poplar <i>Populus alba</i>	0	2	520 (Eq)			M	A: 122.4 R: 6.24		C: S: B:	.....	
G2-5 White Poplar <i>Populus alba</i>	0	2	559 (Eq)			SM	A: 141.4 R: 6.7		C: S: B:	.....	
G2-6 White Poplar <i>Populus alba</i>	0	5	697 (Eq)			M	A: 220.1 R: 8.37		C: S: B:	.....	
G2-7 White Poplar <i>Populus alba</i>	0	1	190			Y	A: 16.3 R: 2.27		C: S: B:	.....	
G2-8 Prunus <i>Prunus Unknown</i>	0	1	230			Y	A: 23.9 R: 2.75		C: S: B:	.....	
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											

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations	Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment	
G2-9											
Common Hawthorn <i>Crataegus monogyna</i>	0	1	120			Y	A: 6.5 R: 1.43		C: S: B:	.....	
G2-10											
Prunus <i>Prunus Unknown</i>	0	2	170 (Eq)			Y	A: 13 R: 2.03		C: S: B:	.....	
G2-11											
Common Horse Chestnut <i>Aesculus hippocastanum</i>	0	2	404 (Eq)			SM	A: 73.7 R: 4.84		C: S: B:	.....	
G2-12											
Common Horse Chestnut <i>Aesculus hippocastanum</i>	0	6	294 (Eq)			Y	A: 39.1 R: 3.52		C: S: B:	.....	
G2-13											
Common Lime <i>Tilia europaea</i>	0	1	260			Y	A: 30.6 R: 3.12		C: S: B:	.....	
G2-14											
Common Lime <i>Tilia europaea</i>	0	6	416 (Eq)			Y	A: 78.5 R: 4.99		C: S: B:	.....	
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											

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations	Cat ERC
		No	Ø (mm)	Spread (m)	Clear (m)					Survey Comment	
G2-15											
Common Walnut <i>Juglans regia</i>	0	1	320			SM	A: 46.3 R: 3.83		C: S: B:	.....	
G2-16											
Narrowleaf Ash <i>Fraxinus angustifolia</i>	0	1	310				A: 43.5 R: 3.72		C: S: B:	.....	
G2-17											
Sorbus <i>Sorbus Unknown</i>	0	1	250				A: 28.3 R: 3		C: S: B:	.....	
G2-18											
White Poplar <i>Populus alba</i>	0	1	580			M	A: 152.2 R: 6.96		C: S: B:	.....	
G2-19											
Maple <i>Acer Unknown</i>	0	1	360				A: 58.6 R: 4.31		C: S: B:	.....	
G2-20											
Field Maple <i>Acer campestre</i>	0	1	430			SM	A: 83.7 R: 5.16		C: 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			
G2-21													
Field Maple <i>Acer campestre</i>	0	1	510			M	A: 117.7 R: 6.12		C: S: B:				
G2-22													
Common Ash <i>Fraxinus excelsior</i>	0	1	590				A: 157.5 R: 7.08		C: S: B:				
G2-23													
Poplar <i>Populus Unknown</i>	0	1	380				A: 65.3 R: 4.55		C: S: B:				
G2-24													
Sycamore <i>Acer pseudoplatanus</i>	0	1	430			SM	A: 83.7 R: 5.16		C: S: B:				
G2-25													
Sycamore <i>Acer pseudoplatanus</i>	0	1	350			SM	A: 55.4 R: 4.19		C: S: B:				
G2-26													
Goat Willow <i>Salix caprea</i>	0	2	530 (Eq)			M	A: 127.3 R: 6.36	Fair	C: Fair S: Poor B: Poor	Stems grow parrallel to ground. Decaybin stems			U <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 (Eq)	Diameter 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			
G2-27													
Common Ash <i>Fraxinus excelsior</i>	0	1	500				SM	A: 113.1 R: 6		C: S: B:			
G2-28													
Narrowleaf Ash <i>Fraxinus angustifolia</i>	0	2	191 (Eq)				Y	A: 16.5 R: 2.29		C: S: B:			
G2-29													
Prunus <i>Prunus Unknown</i>	0	2	205 (Eq)				Y	A: 19 R: 2.45		C: S: B:			
1													
Norway Maple <i>Acer platanoides</i>	8	1	530	N E S W	5 4 4 4	4	SM	A: 127.1 R: 6.36	Fair	C: Fair S: Fair B: Fair	Multistemmed from 1.5m. previously crown lifted. situated in brick planter. minor deadwood in crown (<50mm)		C.1 20 to 40 yrs
2													
Goat Willow <i>Salix caprea</i>	6	1	410	N E S W	4 3 1 1	3	SM	A: 76.1 R: 4.92	Poor	C: Poor S: Poor B: Fair	Decay within stem at 1m. previously unsympathetically crown lifted.		U <10 yrs
3													
Manna Ash <i>Fraxinus ornus</i>	5	2	318 (Eq)	N E S W	3 3 3 3	2	SM	A: 45.8 R: 3.81	Good	C: Poor S: Fair B: Fair	Unsympathetically reduced. twinstemmed from 1.3m		C.1 20 to 40 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 (Eq)	Diameter 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			
4													
Prunus <i>Prunus Unknown</i>	6	1	320	N E S W	3 4 3 3	2 2 2 2	SM A: 46.3 R: 3.83	Fair	C: Fair S: Good B: Fair	Previously topped at 4m			B.1 20 to 40 yrs
5													
Prunus <i>Prunus Unknown</i>	5	1	290	N E S W	3 3 3 3	2 2 2 2	SM A: 38.1 R: 3.48	Fair	C: Fair S: Good B: Fair	Topped at 4m. Planter caged included istem			B.1 20 to 40 yrs
6													
Prunus <i>Prunus Unknown</i>	6	1	330	N E S W	4 4 4 4	2 2 2 2	SM A: 49.3 R: 3.96	Fair	C: Fair S: Fair B: Fair	Previously topped at 4m.			B.1 20 to 40 yrs
7													
Prunus <i>Prunus Unknown</i>	3	1	150	N E S W	2 2 2 2	2 2 2 2	Y A: 10.2 R: 1.8	Fair	C: Fair S: Good B: Good	Topped at 3m			C.1 20 to 40 yrs
8													
Whitebeam <i>Sorbus aria</i>	7	1	310	N E S W	3 6 3 1	1 0 1 1	SM A: 43.5 R: 3.72	Good	C: Fair S: Fair B: Fair	Stem leans east			C.1 20 to 40 yrs
9													
Silver Birch <i>Betula pendula</i>	10	6	392 (Eq)	N E S W	4 4 4 4	2 2 2 1	SM A: 69.5 R: 4.7	Fair	C: Fair S: Fair B: Good	Multistemmed from base			B.1 20 to 40 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 (Eq)	Diameter Equivalent stem diameter using BS5837:2012 definition	

[illegible]

Report selection criteria.

Projects.

The Meadway, Tilehurst

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) **41**

Number of trees in Report selection **41**

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