

BS5837:2012 Tree Survey

Arbtech Consulting Ltd.

Client: Whitby & Chandler Ltd.
 Project: Hardy & Hanson, Longlands Road, Dewsbury, WF13 4AB
 Survey Date: 22/10/2015
 Surveyor: Alan Thompson



Unit 3
 Well House Barns
 Chester Road
 Chester
 CH4 0DH
 Phone: 01244 66 11 70

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												Estimated Measurements		
A Group		6.5	1	170	N	2.5	2	Y	A: 13.1	Good	C: Good			C.1
- -					E	2.5	2		R: 2.04		S: Good			>40 yrs
					S	2.5	2				B: Good			
					W	2.5	2					Group is comprised of 5 young trees. 4 x Sycamore and 1 x English elm. Measurement given are estimated averages for the group. Group of limited amenity value.		
G2												Estimated Measurements		
A Group		7	1	100	N	2.5	2	Y	A: 4.5	Good	C: Good			C.1.2
- -					E	2.5	2		R: 1.19		S: Good			>40 yrs
					S	2.5	2				B: Good			
					W	2.5	2					Group is comprised of 12 young trees. 11 x Sycamore and 1 x Alder. Measurement given are estimated averages for the group.		
G3												Estimated Measurements		
A Group		5	1	120	N	2.5	2	Y	A: 6.5	Good	C: Good			C.1.2
- -					E	2.5	2		R: 1.43		S: Good			>40 yrs
					S	2.5	2				B: Good			
					W	2.5	2					Group is located on adjacent parkland. Given is comprised of 7 young ornamental trees. Measurement given are estimated averages for the group.		
T1														
Sycamore		22	1	800	N	6	6	M	A: 289.6	Good	C: Good			B.1.2
Acer pseudoplatanus					E	5	6		R: 9.6		S: Fair			20 to 40 yrs
					S	6	8				B: Good			
					W	6	6					Tree's stem bifurcates at 1.5m. A large amount of included bark has formed at the point of the 'v' union at the point of bifurcation. Installation of cable brace is recommended to avoid the splitting out of the tree's stem at point of bifurcation.		
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			
T2													
Sycamore <i>Acer pseudoplatanus</i>	18.5	1	690	N	4	8	SM	A: 215.4 R: 8.28	Decline	C: Fair S: Fair B: Fair	Included bark observed in tree's stem at 1.5m at the point of bifurcation. Symptoms of a bacterial infection were observed throughout tree's stem and crown. Tree is entering decline.	C.1 10 to 20 yrs	
				E	5.5	8							
				S	5.5	5							
				W	5.5	5							
T3													
Sycamore <i>Acer pseudoplatanus</i>	12	1	300	N	4	5	Y	A: 40.7 R: 3.59	Fair	C: Fair S: Good B: Good	Tree's crown is heavily suppressed by T4	C.1 20 to 40 yrs	
				E	0.5	11							
				S	1	8							
				W	4	5							
T4													
Common Ash <i>Fraxinus excelsior</i>	18.5	1	330	N	5	8	SM	A: 49.3 R: 3.96	Good	C: Good S: Good B: Good		B.1 >40 yrs	
				E	5	8							
				S	5	8							
				W	5	8							
T5													
Common Ash <i>Fraxinus excelsior</i>	17	1	350	N	5	9	SM	A: 55.4 R: 4.19	Good	C: Fair S: Good B: Good	Tree's crown is partially suppressed by T4.	B.2 >40 yrs	
				E	5	8							
				S	5	5							
				W	3	12							
T6													
Sycamore <i>Acer pseudoplatanus</i>	8.5	1	240	N	3	2	Y	A: 26.1 R: 2.88	Good	C: Good S: Good B: Good	Tree of limited amenity value.	C.1 >40 yrs	
				E	3	2							
				S	3	2							
				W	3	2							
T7													
English Elm <i>Ulmus procera</i>	6.5	1	200	N	2.5	2	Y	A: 18.1 R: 2.4	Good	C: Good S: Good B: Good	Tree of limited amenity value.	C.1 10 to 20 yrs	
				E	3	2							
				S	2.5	2							
				W	2.5	2							
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			
T8													
English Elm <i>Ulmus procera</i>	6.5	1	140	N	2	2	Y	A: 8.9 R: 1.68	Good	C: Good S: Good B: Good	Tree of limited amenity value.		C.1 10 to 20 yrs
T9													
Whitebeam <i>Sorbus aria</i>	12.5	1	400	N	5	5	M	A: 72.4 R: 4.8	Good	C: Good S: Good B: Good	Neighbours have attached washing line to tree's stem. Washing line will begin to girdle the tree in the next two years. Removal of washing line is recommended.		B.1 20 to 40 yrs
T10													
Common Ash <i>Fraxinus excelsior</i>	18.5	1	490	N	5	11	SM	A: 108.6 R: 5.87	Good	C: Good S: Good B: Good			B.1 >40 yrs
T11													
Goat Willow <i>Salix caprea</i>	7	2	410 (Eq)	N	3	2	M	A: 76.2 R: 4.92	Good	C: Good S: Good B: Good	Tree of limited amenity value.		C.1 20 to 40 yrs
T12													
Common Ash <i>Fraxinus excelsior</i>	17	1	540	N	6	7	M	A: 131.9 R: 6.47	Decline	C: Poor S: Good B: Good	Tree is in decline with 20% die back observed in crown.		C.1 10 to 20 yrs
T13													
Whitebeam <i>Sorbus aria</i>	14.5	1	300	N	3.5	4	SM	A: 40.7 R: 3.59	Good	C: Good S: Good B: Good			B.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				

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T14													
Sycamore <i>Acer pseudoplatanus</i>	18	1	450	N E S W	4 6 6 6	11	SM A: 91.6 R: 5.39	Good	C: Good S: Good B: Good				B.1 >40 yrs
T15													
Sycamore <i>Acer pseudoplatanus</i>	18	1	550	N E S W	7 7 6 7	8	M A: 136.9 R: 6.6	Good	C: Good S: Good B: Good	Offsite tree could not be fully inspected and the stem diameter measurement given is an estimate.			B.1.2 >40 yrs
T16													
Sycamore <i>Acer pseudoplatanus</i>	16.5	2	460 (Eq)	N E S W	5.5 5.5 5.5 5.5	6	SM A: 95.8 R: 5.52	Good	C: Good S: Good B: Good	Street tree is growing in a soil bedding area. Likely to be self seeded.			B.1 >40 yrs
T17													
Sycamore <i>Acer pseudoplatanus</i>	5	1	160	N E S W	3 1 1 3	1.5	Y A: 11.6 R: 1.92	Fair	C: Fair S: Good B: Good	Tree's crown is heavily suppressed by T17. Self seeded street tree. Tree of limited amenity value.			C.1 20 to 40 yrs