

BS5837:2012 Tree Survey

Arbtech Consulting Ltd.

Client: Mr. Robert Napier
 Project: 12 Riley Lane, Kirkburton, Huddersfield, HD8 0RY.
 Survey Date: 26/05/2017
 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												
A Group	2	1	90	N	1.5	0.5	Y	A: 3.7	Good	C: Good	Group is comprised of 5 young conifers. Measurements given are estimated averages for the group.	C.1
- -				E	1.5	0.5		R: 1.08		S: Good		>40 yrs
				S	1.5	0.5		B: Good				
				W	1.5	0.5						
G2												
A Group	4	1	130	N	2.5	1	Y	A: 7.6	Good	C: Good	Boundary group is comprised of 4 young trees. Species are: Hawthorn, Sycamore and Elm. Measurements given are estimated averages for the group.	C.2
- -				E	2.5	1		R: 1.55		S: Good		>40 yrs
				S	2.5	1		B: Good				
				W	2.5	1						
G3												
A Group	3.5	1	140	N	2	0.5	SM	A: 8.9	Good	C: Good	Estimated Measurements	
- -				E	2	0.5		R: 1.68		S: Good	C.1	
				S	2	0.5		B: Good		Well maintained group of 10 trees/shrubs. Species are Holly and Rhododendron. Measurements given are estimated averages for the group.	>40 yrs	
				W	2	0.5						
G4												
A Group	3.5	1	150	N	2	0.5	SM	A: 10.2	Good	C: Good	Estimated Measurements	
- -				E	2	0.5		R: 1.8		S: Good	C.1	
				S	2	0.5		B: Good		Weel maintained group is comprised of 5 trees/shrubs. Species are Holly, Rhododendron and Cupressus. Measurements given are estimated averages for the group.	>40 yrs	
				W	2	0.5						
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			
T1													
Common Oak <i>Quercus robur</i>	19	1	750	N	8.5	9	M	A: 254.5 R: 9	Good	C: Good S: Good B: Good	Offsite tree on neighbouring land could not be fully inspected and the stem diameter measurement given is an estimate.	A.1 >40 yrs	
T2													
Common Oak <i>Quercus robur</i>	15.5	1	640	N	8	2	M	A: 185.3 R: 7.68	Good	C: Good S: Good B: Good	Tree's stem is coming into contact with and is pushing out adjacent boundary dry stone wall.	B.1 >40 yrs	
T3													
Common Oak <i>Quercus robur</i>	5.5	1	170	N	3	3	Y	A: 13.1 R: 2.04	Good	C: Fair S: Good B: Good	Tree's crown is partially suppressed by neighbouring trees.	C.1 >40 yrs	
T4													
Whitebeam <i>Sorbus aria</i>	5	1	160	N	3	2	Y	A: 11.6 R: 1.92	Good	C: Fair S: Good B: Good	Tree's crown is partially suppressed by neighbouring trees.	C.1 20 to 40 yrs	
T5													
Goat Willow <i>Salix caprea</i>	5.5	2	326 (Eq)	N	4	2	M	A: 48 R: 3.9	Good	C: Good S: Good B: Good	Tree of limited amenity value.	C.1 >40 yrs	
T6													
Mountain Ash <i>Sorbus aucuparia</i>	3.5	1	190	N	3	3	Y	A: 16.3 R: 2.27	Good	C: Fair S: Good B: Good	Asymetrical crown is heavily weighted to the north.	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			
T7													
Whitebeam <i>Sorbus aria</i>	7	1	160	N	4	3	SM	A: 11.6 R: 1.92	Good	C: Good S: Good B: Good	Tree of limited amenity value.		C.1 >40 yrs
T8													
Common Oak <i>Quercus robur</i>	17	1	810	N	7.5	5	M	A: 296.9 R: 9.72	Good	C: Good S: Fair B: Good	Tear wound with cavity forming observed at point of limb loss in crown at 5m (east).		A.1 >40 yrs
T9													
Rhododendron <i>Rhododendron Unknown</i>	3	4	77 (Eq)	N	2.5	0.5	M	A: 2.7 R: 0.92	Good	C: Good S: Good B: Good	Cultivar unknown.		C.1 20 to 40 yrs
T10													
Smooth Japanese Maple <i>Acer palmatum</i>	3.5	3	81 (Eq)	N	3	1	SM	A: 3 R: 0.97	Good	C: Good S: Good B: Good			C.1 20 to 40 yrs
T11													
Copper Beech <i>Fagus sylvatica 'Purpurea'</i>	3	1	200	N	1	1	Y	A: 18.1 R: 2.4	Good	C: Good S: Good B: Good	Tree is being managed/maintained at a height of 3m.		C.1 >40 yrs
T12													
Weeping Ash <i>Fraxinus pendula</i>	7.5	1	570	N	4	1	M	A: 147 R: 6.84	Fair	C: Good S: Fair B: Good	Tree's stem bifurcates at 2.7m, a connecting limb forms a natural brace between the two stems 0.5m above the point of bifurcation. This brace appears to be decaying. Cavity >150mm observed in tree's stem at 2.8m (eastern limb).		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	

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			
T13											Estimated Measurements		
Common Laburnum <i>Laburnum anagyroides</i>	5	1	170	N	2.5	3	SM	A: 13.1 R: 2.04	Good	C: Good S: Good B: Fair	Tree of limited amenity value.		C.1 20 to 40 yrs
T14													
Lawson Cypress <i>Chamaecyparis lawsoniana</i>	16.5	1	560	N	2.5	1.5	M	A: 141.9 R: 6.72	Good	C: Good S: Good B: Good			B.1 >40 yrs
T15													
Cherry Laurel <i>Prunus laurocerasus</i>	3.5	6	122 (Eq)	N	2.5	0.5	SM	A: 6.8 R: 1.47	Good	C: Good S: Good B: Good			C.1 >40 yrs
T16													
Common Holly <i>Ilex aquifolium</i>	3	10	696 (Eq)	N	1.5	1.5	SM	A: 219 R: 8.34	Good	C: Good S: Good B: Good	Ilex 'albomarginata'. Tree is being managed/maintained at a height of 3m.		C.1 >40 yrs
T17													
Common Holly <i>Ilex aquifolium</i>	3.5	2	269 (Eq)	N	2	1.5	SM	A: 32.7 R: 3.22	Good	C: Good S: Good B: Good	Tree is being managed/maintained at a height of 3.5m. Tree of limited amenity value.		C.1 >40 yrs
T18													
Common Holly <i>Ilex aquifolium</i>	3.5	3	208 (Eq)	N	2	1.5	SM	A: 19.6 R: 2.49	Good	C: Good S: Good B: Good	Tree is being managed/maintained at a height of 3.5m. Tree of limited amenity value.		C.1 >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			
T19													
Common Holly <i>Ilex aquifolium</i>	3.5	1	240	N	2	1.5	SM	A: 26.1 R: 2.88	Good	C: Good S: Good B: Good	Tree is being managed/maintained at a height of 3.5m. Tree of limited amenity value.	C.1 >40 yrs	
T20													
Common Holly <i>Ilex aquifolium</i>	3.5	2	130 (Eq)	N	2	1.5	SM	A: 7.7 R: 1.56	Good	C: Good S: Good B: Good	Tree is being managed/maintained at a height of 3.5m. Tree of limited amenity value.	C.1 >40 yrs	
T21													
Common Holly <i>Ilex aquifolium</i>	3.5	3	217 (Eq)	N	2	1.5	SM	A: 21.2 R: 2.59	Good	C: Good S: Good B: Good	Tree is being managed/maintained at a height of 3.5m. Tree of limited amenity value.	C.1 >40 yrs	
T22													
Common Holly <i>Ilex aquifolium</i>	3.5	2	228 (Eq)	N	2	1.5	SM	A: 23.6 R: 2.74	Good	C: Good S: Good B: Good	Tree is being managed/maintained at a height of 3.5m. Tree of limited amenity value.	C.1 >40 yrs	
T23													
Common Holly <i>Ilex aquifolium</i>	2	6	196 (Eq)	N	2	1.5	SM	A: 17.4 R: 2.35	Good	C: Good S: Good B: Good	Tree is being managed/maintained at a height of 2m. Tree of limited amenity value.	C.1 >40 yrs	
T24													
Common Holly <i>Ilex aquifolium</i>	2.5	3	353 (Eq)	N	2	1.5	SM	A: 56.5 R: 4.24	Good	C: Good S: Good B: Good	Tree is being managed/maintained at a height of 2.5m. Tree of limited amenity value.	C.1 >40 yrs	
Age Classifications: N Newly planted EM Early Mature Condition: C Crown S Stem B Basal area Y Young M Mature SM Semi-mature OM Over Mature													
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			
T25													
Common Hawthorn <i>Crataegus monogyna</i>	5.5	2	141 (Eq)	N	2	2	SM	A: 9 R: 1.69	Good	C: Good S: Good B: Good	Tree of limited amenity value.		C.1 >40 yrs
T26													
Rhododendron <i>Rhododendron Unknown</i>	3	1	100	N	2	1	M	A: 4.5 R: 1.19	Good	C: Good S: Good B: Good			C.1 20 to 40 yrs
T27													
Lawson Cypress <i>Chamaecyparis lawsoniana</i>	16	1	610	N	2.5	1.5	M	A: 168.4 R: 7.32	Good	C: Good S: Good B: Good			B.1 >40 yrs
T28													
Lawson Cypress <i>Chamaecyparis lawsoniana</i>	16	1	580	N	2.5	1.5	M	A: 152.2 R: 6.96	Good	C: Good S: Good B: Good			B.1 >40 yrs
T29													
Lawson Cypress <i>Chamaecyparis lawsoniana</i>	16	1	620	N	2.5	1.5	M	A: 173.9 R: 7.44	Good	C: Good S: Good B: Good			B.1 >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	