BS5837:2012 Tree Survey

Client: Betty Webb
Project: 34 Daisy Lea Lane, Huddersfield, HD3 3LP.
Survey Date: 11/08/2016
Surveyor: Alan Thompson

Arbtech Consulting Ltd.

Unit 3
Well House Barns
Chester Road
Chester
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Tree and Tag No / Species	Hght (m)	Stems No	Stems Ø (mm)	Crown Spread (m)	Crown Clear (m)	Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations / Survey Comment	Cat ERC
G1										Estimated Measurements	
A Group	5	1	170	N 1	0.5	SM	A: 13.1	Good	C: Good		C.1
- -				E 1	0.5		R: 2.04		S: Good	Group is comprised of 3 x Dwarf cypress trees. Measurements given are estimated averages for the group.	20 to 40 yrs
				S 1	0.5				B: Good		
				W 1	0.5						
G2											
A Group	3	1	80	N 1	0.3	Y	A: 2.9	Good	C: Good		C.1
- -				E 1	0.3		R: 0.96		S: Good	Group is comprised of 3 x Dwarf cypress trees. Measurements given are estimated averages for the group.	>40 yrs
				S 1	0.3				B: Good		
				W 1	0.3						
G3										Estimated Measurements	
A Group	6	1	180	N 2.5	0.5	Veteran	A: 14.7	Good	C: Good		C.2
- -				E 2.5	0.5		R: 2.16		S: Good	Group is comprised of 5 trees. Species are: Cherry laurel, Holly and Lawson cypress. Measurements given are estimated averages for the group. Group of limited amenity value.	20 to 40 yrs
				S 2.5	0.5				B: Good		
				W 2.5	0.5						
G4										Estimated Measurements	
A Group	3	1	100	N 2.5	1	Y	A: 4.5	Good	C: Good		C.1
- -				E 2.5	1		R: 1.19		S: Good	Group is comprised of 9 small trees and shrubs. Species are: Oak, Stag horn sumach, Snake bark maple and Oak with ornamental shrubs. Measurements given are estimated averages for the group.	20 to 40 yrs
				S 2.5	1				B: Good		
				W 2.5	1						

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 No	Stems Ø (mm)	Crown Spread (m)	Crown Clear (m)	Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations Survey Comment	Cat ERC
G5										Estimated Measurements	
A Group - -	20	1	600	N 7 E 7 S 7 W 7	6 6 6 6	M	A: 162.9 R: 7.2	Good	C: Good S: Good B: Good	Linear offsite group of 4 mature trees. 2 x Sycamore & 2 x Ash. Measurements given are estimated averages for the group. Trees were not fully inspected and the stem diameter measurements given are estimated averages.	**B.1.2** >40 yrs
G6										Estimated Measurements	
A Group - -	5	1	160	N 1 E 1 S 1 W 1	0.5 0.5 0.5 0.5	SM	A: 11.6 R: 1.92	Good	C: Good S: Good B: Good	Group is comprised of 3 x Dwarf cypress trees. Measurements given are estimated averages for the group.	**C.1** 20 to 40 yrs
G7										Estimated Measurements	
A Group - -	3	1	150	N 2.5 E 2.5 S 2.5 W 2.5	0.3	SM	A: 10.2 R: 1.8	Good	C: Good S: Good B: Good	Understory group is comprised of Holly and Cherry laurel. Measurements given are estimated averages for the group. Group of limited amenity value.	**C.2** 20 to 40 yrs
G8										Estimated Measurements	
Common Beech *Fagus sylvatica*	20	1	450	N 6.5 E 6.5 S 6.5 W 6.5	6 6 6 4	SM	A: 91.6 R: 5.39	Good	C: Good S: Good B: Good	Offsite group on neighbouring land could not be fully inspected and measurements given are estimated averages for the group.	**B.1.2** >40 yrs
G9										Estimated Measurements	
A Group - -	5	1	200	N 3 E 3 S 3 W 3	0.5 0.5 0.5 0.5	Y	A: 18.1 R: 2.4	Good	C: Good S: Good B: Good	Understory group is comprised of Holly, Goat willow, Cherry laurel, Whitebeam and Lawson cypress. Measurements given are estimated averages for the group.	**C.2** 20 to 40 yrs
H1										Estimated Measurements	
A Hedgerow - *Unknown*	2	1	60	N 0.5 E 0.5 S 0.5 W 0.5	0.3 0.3 0.3 0.3	SM	A: 1.6 R: 0.71	Fair	C: Fair S: Good B: Good	Well maintained Hawthorn and Privet hedgerow. Eastern end of hedgerow is becoming shaded out by the canopy of tree T4. Measurements given are estimated averages for the group.	**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

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Tree and Tag No Species	Hght (m)	Stems No	Stems Ø (mm)	Crown Spread (m)	Crown Clear (m)	Age	RP A (m²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations Survey Comment	Cat ERC
T1											
Cherry Laurel *Prunus laurocerasus*	2.5	1	90	N 1.5 E 1.5 S 1.5 W 1.5	0.2 0.2 0.2 0.2	SM	A: 3.7 R: 1.08	Good	C: Good S: Good B: Good	Tree/shrub of limited amenity value.	C.1 20 to 40 yrs
T2											
Lawson Cypress 'Allumii' *Chamaecyparis lawsoniana 'Allumii'*	3.5	2	89 (Eq)	N 1 E 1 S 1 W 1	0.2 0.2 0.2 0.2	Veteran	A: 3.6 R: 1.07	Good	C: Good S: Good B: Good	Dwarf cypress. Tree of limited amenity value.	C.1 20 to 40 yrs
T3											
English Elm *Ulmus procera*	4.5	3	100 (Eq)	N 2.5 E 2.5 S 2.5 W 2.5	2 2 2 2	Y	A: 4.6 R: 1.21	Good	C: Good S: Good B: Good	Tree of limited amenity value.	C.1 >40 yrs
T4											
Copper Beech *Fagus sylvatica 'Purpurea'*	8.5	1	440	N 7 E 5 S 7 W 7	2 2 3 2	SM	A: 87.6 R: 5.28	Fair	C: Good S: Good B: Fair	Bacterial canker observed at tree's base (east and south).	B.1 20 to 40 yrs
T5											
Lawson Cypress *Chamaecyparis lawsoniana*	12.5	2	496 (Eq)	N 2.5 E 3 S 2.5 W 2.5	2 3 1 1	M	A: 111.2 R: 5.94	Good	C: Good S: Good B: Good	Minor amount of included bark observed in tree's stem at point of bifurcation at 0.5m.	B.1 >40 yrs
T6											
Myrobalan Plum *Prunus cerasifera*	5	1	220	N 4 E 4 S 0.5 W 0.5	2 2 4 4	SM	A: 21.9 R: 2.64	Fair	C: Fair S: Good B: Good	Prunus cerasifera 'Nigra'. Tree's crown is heavily suppressed to the south and west by tree T5.	C.1 10 to 20 yrs

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T7											
Common Holly *Ilex aquifolium*	8	2	269 (Eq)	N 3.5 1 E 3.5 2 S 3.5 1 W 3.5 1		M	A: 32.8 R: 3.23	Good	C: Good S: Good B: Good	Tree of limited amenity value.	C.1 20 to 40 yrs
T8										Estimated Measurements	
Copper Beech *Fagus sylvatica 'Purpurea'*	19	1	850	N 9.5 4 E 9.5 4 S 9.5 4 W 9.5 4		M	A: 326.9 R: 10.2	Good	C: Good S: Good B: Good	Tree on neighbouring land could not be fully inspected and the stem diameter measurement given is an estimate.	A.1 >40 yrs
T9											
Common Yew *Taxus baccata*	8.5	4	612 (Eq)	N 8 4 E 5 4 S 4.5 4 W 9 4		M	A: 169.5 R: 7.34	Good	C: Good S: Good B: Fair		B.1 >40 yrs
T10											
Common Laburnum *Laburnum anagyroides*	8	2	456 (Eq)	N 3 6 E 6.5 4 S 3.5 5 W 6 4		M	A: 94.1 R: 5.47	Poor	C: Fair S: Fair B: Poor	Major basal decay observed at base of tree's eastern stem. Stem is recommended for removal.	C.1 10 to 20 yrs
T11											
Whitebeam *Sorbus aria*	14	1	360	N 5 5 E 5.5 4 S 5 5 W 4 8		M	A: 58.6 R: 4.31	Fair	C: Fair S: Good B: Good	Tree's crown was sparsely foliated at time of survey.	C.1 10 to 20 yrs
T12											
Common Holly *Ilex aquifolium*	7.5	3	393 (Eq)	N 5 2 E 5.5 2 S 4 2 W 2 2		M	A: 69.9 R: 4.71	Good	C: Fair S: Good B: Good	Tree's crown is suppressed to the west by neighbouring tree.	C.1 20 to 40 yrs

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T13											
Lawson Cypress 'Erecta' *Chamaecyparis Lawsoniana 'Erecta'*	9.5	1	280	N 1.5 E 1.5 S 1.5 W 1.5	0.5 0.5 0.5 0.5	SM	A: 35.5 R: 3.36	Good	C: Good S: Good B: Good	Tree of limited amenity value.	**C.1** >40 yrs
T14											
Cupressus *Cupressus Unknown*	5	1	190	N 3 E 2 S 2 W 3	0.5 0.5 0.5 0.5	SM	A: 16.3 R: 2.27	Good	C: Good S: Good B: Good	Tree of limited amenity value.	**C.1** 20 to 40 yrs
T15											
Downy Birch *Betula pubescens*	11	3	327 (Eq)	N 4 E 4 S 3.5 W 3.5	1.5 1.5 1.5 1.5	SM	A: 48.4 R: 3.92	Good	C: Good S: Good B: Fair	Relatively large amount of included bark observed running from tree's base to 1m at point of tight stem stem union.	**C.1** 20 to 40 yrs
T16											
Common Lime *Tilia europaea*	22	1	630	N 8 E 8 S 8 W 8	5 3 3 3	M	A: 179.6 R: 7.56	Fair	C: Fair S: Good B: Good	Slight apical die back observed in tree's crown.	**B.1** 20 to 40 yrs
T17											
Common Holly *Ilex aquifolium*	6.5	1	190	N 2.5 E 2.5 S 2.5 W 2.5	1.5 1.5 1.5 1.5	SM	A: 16.3 R: 2.27	Good	C: Good S: Good B: Good	Tree of limited amenity value.	**C.1** 20 to 40 yrs
T18											
Goat Willow *Salix caprea*	8	1	260	N 6 E 6 S 4 W 6	2 2 4 2	M	A: 30.6 R: 3.12	Good	C: Good S: Good B: Good	Tree of limited amenity value.	**C.1** 20 to 40 yrs

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T19											
Common Holly *Ilex aquifolium*	7.5	1	340	N 3.5 E 4 S 4 W 4	3 1 1 1	M	A: 52.3 R: 4.08	Good	C: Good S: Good B: Good	Tree of limited amenity value.	C.1 20 to 40 yrs
T20											
Lawson Cypress 'Allumii' *Chamaecyparis lawsoniana 'Allumii'*	11.5	1	490	N 3 E 3 S 3 W 3	0.5 0.5 0.5 0.5	SM	A: 108.6 R: 5.87	Good	C: Good S: Good B: Good		B.1 >40 yrs
T21											
Sycamore *Acer pseudoplatanus*	11	1	300	N 2 E 2 S 2 W 3	4 4 4 4	SM	A: 40.7 R: 3.59	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. Tree of limited amenity value.	C.1 >40 yrs
T22										Estimated Measurements	
Common Lime *Tilia europaea*	22	1	600	N 8 E 9 S 6.5 W 6	6 4 7 7	M	A: 162.9 R: 7.2	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.	B.1 >40 yrs
T23											
Cherry Laurel *Prunus laurocerasus*	6	6	245 (Eq)	N 3 E 7 S 6 W 3	4 3 2 3	M	A: 27.1 R: 2.93	Good	C: Good S: Good B: Good	Tree of limited amenity value.	C.1 20 to 40 yrs
T24											
Common Yew *Taxus baccata*	5	4	399 (Eq)	N 5 E 6.5 S 4 W 3	2 2 3 4	SM	A: 72.2 R: 4.79	Good	C: Good S: Good B: Good		B.1 >40 yrs

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T25											
Leyland Cypress *X Cupressocyparis leylandii*	7	1	370	N 2 E 2 S 2 W 2	0.5 0.5 0.5 0.5	SM	A: 61.9 R: 4.43	Good	C: Good S: Good B: Good	Tree of limited amenity value.	C.1 20 to 40 yrs
T26											
Leyland Cypress *X Cupressocyparis leylandii*	7.5	1	340	N 2 E 2 S 2 W 2	0.5 0.5 0.5 0.5	SM	A: 52.3 R: 4.08	Good	C: Good S: Good B: Good		C.1 20 to 40 yrs
T27											
Common Laburnum *Laburnum anagyroides*	5.5	1	470	N 5 E 5 S 5 W 5	2 2 2 3	OM	A: 99.9 R: 5.63	Decline	C: Poor S: Fair B: Fair	Tree appears to be in terminal decline with 50% die back observed in crown.	U <10 yrs
T28											
Sycamore *Acer pseudoplatanus*	18	1	550	N 6.5 E 6.5 S 6.5 W 6.5	4 3 4 4	M	A: 136.9 R: 6.6	Good	C: Good S: Good B: Good		B.1 >40 yrs
T29											
Lawson Cypress *Chamaecyparis lawsoniana*	12	2	417 (Eq)	N 2 E 3 S 3 W 3	5 3 2 3	SM	A: 78.7 R: 5	Good	C: Good S: Good B: Good		B.1 >40 yrs
T30											
Lawson Cypress *Chamaecyparis lawsoniana*	12	1	260	N 2 E 2 S 2.5 W 2	4 2 1 2	SM	A: 30.6 R: 3.12	Good	C: Good S: Good B: Good		B.1 >40 yrs

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T31											
Common Holly *Ilex aquifolium*	6	1	240	N 2.5 1 E 2.5 3 S 2.5 1 W 2.5 1		SM	A: 26.1 R: 2.88	Good	C: Good S: Good B: Good	Tree of limited amenity value	**C.1** 20 to 40 yrs
T32											
Common Holly *Ilex aquifolium*	6	2	269 (Eq)	N 2.5 1 E 2.5 3 S 2.5 1 W 2.5 1		SM	A: 32.8 R: 3.23	Good	C: Good S: Good B: Good		**C.1** 20 to 40 yrs
T33											
Sycamore *Acer pseudoplatanus*	20	1	610	N 7.5 5 E 7 7 S 6 7 W 6.5 7		M	A: 168.4 R: 7.32	Good	C: Good S: Good B: Good		**B.1** >40 yrs

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