

BS5837:2012 Tree Survey

Arbtech Consulting Ltd.

Client: Scott Golbourne
 Project: 115 Walsall Road, B74 3AY
 Survey Date: 02/11/2020 - 09/11/2020
 Surveyor: Max Bell

Unit 3, Well House Barns
 Chester Road
 Chester
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 CH4 0DH
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Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations Survey Comment	Cat ERC																																	
		No	Ø (mm)	Spread (m)	Clear (m)																																							
G1																																												
A Group <i>See comments for details</i>	9	1	300	N	1	2	Y	A: 40.7 R: 3.59	Good	C: Good S: Good B: Good	C.2 10+ yrs																																	
											Small group comprised of 2 Lawson cypress and one yew. Group form unified crown, however are suppressed from larger more established trees on boundary line.																																	
Estimated Measurements																																												
G2																																												
A Group <i>See comments for details</i>	9	1	460	N	3	2	M	A: 95.7 R: 5.51	Good	C: Good S: Good B: Good	C.2 20+ yrs																																	
											Group located on boundary line to the west of site within neighbouring property's boundary. Comprised of mainly Lawson cypress, the group provides screening but is of low amenity value. The biggest tree within the group has ivy growing throughout canopy, overhanging clients property by approx. 3m. Unable to carry out detailed inspection of group due to restricted access.																																	
G3																																												
A Group <i>See comments for details</i>	5	1	120	N	2	0	SM	A: 6.5 R: 1.43	Good	C: Good S: Good B: Good	C.2 20+ yrs																																	
											Group located on the north-western boundary. Comprised of conifer, Rhododendron, yew, holly and laurel. Creates an under storey for trees and provides screening. Appears to be maintained and pruned back client side.																																	
G4																																												
A Group <i>See comments for details</i>	4	1	90	N	1.5	1.5	SM	A: 3.7 R: 1.08	Good	C: Good S: Good B: Good	C.2 10+ yrs																																	
											Group of Laurel located at rear of residential garden. Provides screening from fence but of low amenity value.																																	
<table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Age Classifications:</td> <td>N</td><td>Newly planted</td> <td>EM</td><td>Early Mature</td> <td>Condition:</td> <td>C</td><td>Crown</td> <td>Stems:</td> <td>Ø</td><td>Diameter</td> </tr> <tr> <td></td> <td>Y</td><td>Young</td> <td>M</td><td>Mature</td> <td></td> <td>S</td><td>Stem</td> <td></td> <td>(Eq)</td><td>Equivalent stem diameter using BS5837:2012 definition</td> </tr> <tr> <td></td> <td>SM</td><td>Semi-mature</td> <td>OM</td><td>Over Mature</td> <td></td> <td>B</td><td>Basal area</td> <td>ERC:</td> <td></td><td>Estimated Remaining Contributio</td> </tr> </table>												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	ERC:		Estimated Remaining Contributio
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		No	Ø (mm)	Spread (m)	Clear (m)								
G5													
A Group <i>See comments for details</i>	2	1	80	N	0.5	0.5	Y	A: 2.9 R: 0.96	Good	C: Good S: Good B: Good	C.2 10+ yrs		
T1													
Western Red Cedar <i>Thuja plicata</i>	7	1	310	N	1	1	Y	A: 43.5 R: 3.72	Good	C: Good S: Good B: Good	C.1 20+ yrs		
T2													
Lawson Cypress <i>Chamaecyparis lawsoniana</i>	15	1	450	N	2	1	EM	A: 91.6 R: 5.39	Good	C: Good S: Good B: Good	Estimated Measurements C.2 20+ yrs		
T3													
Leyland Cypress <i>X Cupressocyparis leylandii</i>	10	2	434 (Eq)	N	1	1.5	SM	A: 85.3 R: 5.21	Good	C: Good S: Good B: Good	C.2 20+ yrs		
T4													
Cherry Laurel <i>Prunus laurocerasus</i>	4	1	200	N	1	1	SM	A: 18.1 R: 2.4	Good	C: Fair S: Good B: Good	C.2 10+ yrs		
T5													
Common Holly <i>Ilex aquifolium</i>	6	3	217 (Eq)	N	1	2	Y	A: 21.2 R: 2.59	Good	C: Good S: Good B: Good	C.2 20+ 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	ERC:		Estimated Remaining Contributio

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		No	Ø (mm)	Spread (m)	Clear (m)						
T6											
Norway Spruce <i>Picea abies</i>	16	1	560	N	5.5	3.5	M	A: 141.9 R: 6.72	Good	C: Good S: Good B: Good	B.1 20+ yrs Boundary Tree. Tree located on south boundary line adjacent public highway and footpath. Tree of high amenity value. Evidence of pruning works on main stem (crown has been raised to approx. 5m) . Some snapped out branches within upper crown but minimal. Well balanced crown.
T7											
Leyland Cypress <i>X Cupressocyparis leylandii</i>	9	2	794 (Eq)	N	2	2.5	M	A: 285.2 R: 9.52	Good	C: Fair S: Good B: Good	C.2 20+ yrs Tree located in corner of driveway at southwestern point of boundary adjacent public highway and footpath. Main stem forks at 100mm from ground level in 2 co- dominant stems. Tree recently topped at 9m in height in keeping with the other trees on the treeline separating property boundaries.
T8											
Cedar <i>Cedrus sp.</i>	9	1	810	N	4	2.5	M	A: 296.9 R: 9.72	Good	C: Fair S: Good B: Good	C.2 20+ yrs Western red cedar located along southwestern boundary line. Main stem forks into 3 co- dominant stems at 170mm from ground level. Height has been reduced in keeping with other trees on boundary line providing screening.
T9											
Leyland Cypress <i>X Cupressocyparis leylandii</i>	9	2	599 (Eq)	N	0.5	2	M	A: 162.4 R: 7.18	Good	C: Fair S: Good B: Good	C.2 10+ yrs Tree located along southwestern boundary line separating properties. Main stem forks to form 2 co- dominant stems at 100mm from ground level. Crown heavily suppressed from neighbouring tree on western crown side. Tree has been reduced in height in keeping with other trees on boundary line.
T10											
Lawson Cypress <i>Chamaecyparis lawsoniana</i>	9	2	313 (Eq)	N	2	3	M	A: 44.2 R: 3.75	Good	C: Good S: Good B: Good	C.2 20+ yrs Tree located adjacent corner of property within tree line on southwestern boundary line separating properties. Main stem forks at 114mm from ground level to form 2 co- dominant stems. Height has been reduced in line with surrounding trees within tree line on boundary.
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	ERC: Estimated Remaining Contributio	

Tree and Tag No Species	Hght (m)	Stems		Crown		Age	RP A (m ²) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations Survey Comment	Cat ERC		
		No	Ø (mm)	Spread (m)	Clear (m)								
T11													
Common Hazel <i>Corylus avellana</i>	6	10	443 (Eq)	N	4	3	M	A: 88.7 R: 5.31	Good	C: Good S: Good B: Good	C.2 20+ yrs		
				E	5	2							
				S	4	4							
				W	2	5							
T12													
Silver Birch <i>Betula pendula</i>	11	1	400	N	0.5	5	M	A: 72.4 R: 4.8	Poor	C: Fair S: Ivy B: Not visible	U.2 <10 yrs		
				E	5	4.5							
				S	6	6							
				W	3	6							
T13													
Prunus <i>Prunus sp.</i>	4	1	450	N	2	1	M	A: 91.6 R: 5.39	Dead	C: Poor S: Poor B: Poor	U n/a		
				E	3	0.5							
				S	3	1							
				W	1	1							
T14													
Silver Birch <i>Betula pendula</i>	12	1	380	N	1	6	SM	A: 65.3 R: 4.55	Fair	C: Fair S: Good B: Good	C.1 10+ yrs		
				E	5	7							
				S	5	8							
				W	4	8							
T15													
Silver Birch <i>Betula pendula</i>	11	1	340	N	2	5	SM	A: 52.3 R: 4.08	Good	C: Good S: Good B: Good	C.2 20+ yrs		
				E	2	5							
				S	1	6							
				W	2	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
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T16												
Scots Pine <i>Pinus sylvestris</i>	16	1	690	N	4.5	8	M	A: 215.4 R: 8.28	Good	C: Good S: Good B: Good	Located to the northern corner of the site, this tree has good amenity value and is a good example of its species. Some historic pruning works evident and a small amount of small diameter deadwood within canopy.	A.1 40+ yrs
T17												
Common Beech <i>Fagus sylvatica</i>	14	1	400	N	5	8	SM	A: 72.4 R: 4.8	Good	C: Good S: Not Visible B: Not Visible	Offsite tree. Unable to carry out detailed inspection due to restricted access. Main stem not viable until approx 7ft from ground level due to fence.	B.1 40+ yrs
T18												
Common Beech <i>Fagus sylvatica</i>	14	1	400	N	5	5	SM	A: 72.4 R: 4.8	Good	C: Good S: Not Visible B: Not Visible	Offsite tree. Unable to carry out detailed inspection due to restricted access. Main stem not viable until approx 7ft from ground level due to fence.	B.1 40+ yrs
T19												
Common Lime <i>Tilia europaea</i>	15	1	360	N	5	6	SM	A: 58.6 R: 4.31	Good	C: Good S: Not Visible B: Not Visible	Off site tree. Unable to carry out detailed survey due to restricted access. Main stem not viable until approx 7ft from ground level due to fence.	B.1 40+ yrs
T20												
Common Beech <i>Fagus sylvatica</i>	12	1	300	N	3	5	Y	A: 40.7 R: 3.59	Good	C: Good S: Not Visible B: Not Visible	Off site tree. Unable to carry out detailed inspection due to restricted access. Tree younger than surrounding Beech situated offsite and appears to be slightly suppressed by surrounding trees. Main stem not viable until approx 7ft from ground level due to fence.	C.1 40+ yrs
Age Classifications:	N	Newly planted	EM	Early Mature								
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T21												
Silver Birch <i>Betula pendula</i>	12	1	310	N	3.5	6	SM	A: 43.5 R: 3.72	Good	C: Good S: Good B: Good	Located on eastern boundary in corner of rear garden. Main stem splits at 300mm to form 2 co- dominant stems.	C.1 20+ yrs
T22												
Leyland Cypress <i>X Cupressocyparis leylandii</i>	6	2	333 (Eq)	N	2	3	SM	A: 50.1 R: 3.99	Good	C: Good S: Good B: Good	Located on southeast boundary line. Height has been maintained at approx. 6m. Provides an element of screening from neighbouring property, however of low amenity value.	C.2 20+ yrs
T23											Estimated Measurements	
Silver Birch <i>Betula pendula</i>	12	1	260	N	2	6	Y	A: 30.6 R: 3.12	Good	C: Good S: Not Visible B: Not Visible	Offsite tree. Unable to carry out detailed inspection due to restricted access. Evidence of pruning works carried out on western side of canopy.	C.1 20+ yrs
T24												
Leyland Cypress <i>X Cupressocyparis leylandii</i>	6	2	421 (Eq)	N	2	3	M	A: 80 R: 5.04	Good	C: Good S: Good B: Good	Located on eastern boundary line. Main stem splits to form 2 co- dominant stems at 100mm from ground level. Height has been maintained at approx. 6m. Although the tree provides screening from neighbouring property, it is of low amenity value.	C.2 20+ yrs
T25												
Rhododendron <i>Rhododendron sp.</i>	3	2	113 (Eq)	N	0.5	1	M	A: 5.8 R: 1.35	Good	C: Good S: Good B: Good	Tree provides some screening but of low amenity value. Evidence of pruning works on stems.	C.2 10+ 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		
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