BS5837:2012 Tree Survey

Client: Scott Golbourne

Project: 115 Walsall Road, B74 3AY Survey Date: 02/11/2020 - 09/11/2020

Surveyor: Max Bell

Arbtech Consulting Ltd.

Unit 3, Well House Barns

Chester Road

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Tree and Tag No		Hght		Stems		Crown			RP	Phys	Structural Condition	Preliminary Recommendations	Cat
Species		(m)	No	Ø (mm)	Sprea (m)		Clear (m)	Age	A (m²) R (m)	Condition		Survey Comment	ERC
G1													
A Group		9	1	300	N	1	2	Υ	A: 40.7	Good	C: Good		C.2
See comments for details					Е	1	2		R: 3.59		S: Good	Small group comprised of 2 Lawson cypress and one yew.	10+ yrs
					S	1	1				B: Good	Group form unified crown, however are suppressed from	
					W	1	1					larger more established trees on boundary line.	
G2												Estimated Mea	asurement
A Group		9	1	460	N	3	2	М	A: 95.7	Good	C: Good		C.2
See comments for details					Е	3	1		R: 5.51		S: Good	Group located on boundary line to the west of site within	20+ yrs
					S	1	1.5				B: Good	neighbouring property's boundary. Comprised of mainly	20. ,
					W	2	1					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		5	1	120	N	2	0	SM	A: 6.5	Good	C: Good		C.2
See comments for details					E	2	0		R: 1.43		S: Good	Group located on the north-western boundary. Comprised of	20+ yrs
					S	2	0				B: Good	conifer, Rhododendron, yew, holly and laurel. Creates an	20. ,
					W	2	0					under storey for trees and provides screening. Appears to be	
												maintained and pruned back client side.	
G4													
A Group		4	1	90	N	1.5		SM	A: 3.7	Good	C: Good		C.2
See comments for details					Е	1.5	1.5		R: 1.08		S: Good	Group of Laurel located at rear of residentual garden. Provides	10+ yrs
					S	1.5	1.5				B: Good	screening from fence but of low amenity value.	-
					W	1.5	1.5						
A == Classifications	NI	Nawk plant	٠ ما	EM Forb	Maturo		_	ondit	·	Crown		Stems: Ø Diameter	
Age Classifications:	N Y	Newly plant Young	ea	EM Early M Matu	y Mature		C	Onun	ion: C S			(Eq) Equivalent stem diameter using BS5837:2012 defi	nition
		Semi-matur		OM Ove					S B		_	ERC: Estimated Remaining Contributio	Hillon
	SIVI	Semi-matur	е	Olvi Ove	I Mature				D	Dasai aic	a	ERC: Estimated Remaining Contributio	

Tree and Tag No		11-64		Stems			Crowr	1		RP	Phys	Church about	Preliminary Recommendations		
Species		Hght (m)	No	,	Ø :	Sprea (m)		Clear (m)	Age	A (m²) R (m)	Condition	Structural Condition	Survey Comment	Cat ERC	
G5															
A Group		2	1	80)	N	0.5	0.5	Υ	A: 2.9	Good	C: Good		C.2	
See comments for details						Е	0.5	0.5		R: 0.96		S: Good	Group located on boundary line leading to residential property.	10+ yrs	
						S	0.5	0.5				B: Good	Provides screening but of low amenity value.		
						W	0.5	0.5					,		
T1															
Western Red Cedar		7	1	310	0	N	1	1	Υ	A: 43.5	Good	C: Good		C.1	
Thuja plicata						Е	1	1		R: 3.72		S: Good	Western red cedar located adjacent public highway and	20+ yrs	
						S	1	1.5				B: Good	footpath at southern corner of site boundary. Good example of	,	
						W	1	1					species with high amenity value.		
T2													Estimated Mea	surement	
Lawson Cypress		15	1	450	0	N	2	1	EM	A: 91.6	Good	C: Good		C.2	
Chamaecyparis lawsoniana						Е	2	1		R: 5.39		S: Good	Located along southeast boundary line. Provides screening	20+ yrs	
						S	1.5	1				B: Good	from neighbouring property. Main stem bifurcates, with smaller	,	
						W	1	1					diameter stem predominantly growing over site.		
Т3															
Leyland Cypress		10	2	434	4 (Eq)	N	1	1.5	SM	A: 85.3	Good	C: Good		C.2	
X Cupressocyparis leylandii						Е	1	2		R: 5.21		S: Good	Tree located along southeast boundary line of site. Main stem	20+ yrs	
						S	0	3				B: Good	forks at approx 800mm into two co dominant stems. Crown	,	
						W	1	1.5					heavily suppressed on southern side my neighbouring tree.		
T4															
Cherry Laurel		4	1	200	0	N	1	1	SM	A: 18.1	Good	C: Fair		C.2	
Prunus laurocerasus						Е	0.5	1		R: 2.4		S: Good	Laurel situated on southeast boundary line. Provides screening	10+ yrs	
						S	2	1				B: Good	to neighbouring property. Has been heavily pruned over site to		
						W	0.5	1					reduce overhang and excessive growth. Provides screening but of low amenity value.		
T5													,		
Common Holly		6	3	217	7 (Eq)	N	1	2	Υ	A: 21.2	Good	C: Good		C.2	
Ilex aquifolium						Е	1	2		R: 2.59		S: Good	Tree located on southeast boundary line of site adjacent	20+ yrs	
						S	1	2				B: Good	garage. Main stem forks into three co dominant stems at	,	
						W	1	2					700mm from ground level.		
Age Classifications:	N	Newly plant	ed	EM	Early M	lature		C	ondi	tion: C	Crown		Stems: Ø Diameter		
•	Υ	Young			Mature					S			(Eq) Equivalent stem diameter using BS5837:2012 defir	nition	
	SM	Semi-matur	re	OM	Over Ma	ature				В		a	ERC: Estimated Remaining Contributio		

Tree and Tag No	l l = la		Stems	tems (wn			RP	Dhye	Structural	Preliminary Recommendations	Cat
Species	Hgh (m)		0		read (m)	Clear (m)	A	lge	A (m²) R (m)	Phys Condition		Survey Comment	ERC
T6		'											
Norway Spruce	16	1	560	N	5.	5 3.	.5 [М	A: 141.9	Good	C: Good		B.1
Picea abies				Е	5.	5	3		R: 6.72		S: Good	Boundary Tree. Tree located on south boundary line adiacent	20+ yrs
				S	5.	5	2				B: Good	public highway and footpath. Tree of high amenity value.	
				W	1	5 3.	.5					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.	
Т7													
Leyland Cypress	9	2	794	(Eq) N		2 2.	.5 1	М	A: 285.2	Good	C: Fair		C.2
X Cupressocyparis leylandii				Е		4	2		R: 9.52		S: Good	Tree located in corner of driveway at southwestern point of	20+ yrs
				S	4.	5	2				B: Good	boundary adjacent public highway and footpath. Main stem	
				W	3.	5 2.	.5					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.	
Т8													
Cedar	9	1	810	N		4 2.	.5 [М	A: 296.9	Good	C: Fair		C.2
Cedrus sp.				Е			.5		R: 9.72		S: Good	Western red cedar located along southwestern boundary line.	20+ yrs
				S W			3 2				B: Good	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.	,
Т9												, , , ,	
Leyland Cypress	9	2	599	(Eq) N	0.	5	2 1	М	A: 162.4	Good	C: Fair		C.2
X Cupressocyparis leylandii				Ε		3	3		R: 7.18		S: Good	Tree located along southwestern boundary line separating	10+ yrs
				S		1	4				B: Good	properties. Main stem forks to form 2 co- dominant stems at	101 915
				W	•	0	0					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	9	2	313	(Eq) N		2	3 [М	A: 44.2	Good	C: Good		C.2
Chamaecyparis lawsoniana				Е		2	2		R: 3.75		S: Good	Tree located adjacent corner of property within tree line on	20+ yrs
				S			2				B: Good	southwestern boundary line separating properties. Main stem	,
				W		3	2					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 pla	anted	EM I	Early Mat	ure		Cor	nditi	on: C	Crown		Stems: Ø Diameter	
J	Y Young			Mature					S	Stem		(Eq) Equivalent stem diameter using BS5837:2012 defin	nition
	SM Semi-ma	ture	OM (Over Mat	ure				В	Basal area	а	ERC: Estimated Remaining Contributio	

Tree and Tag No	Hght	S	tems	Crown				RP	Phys	Structural	Preliminary Recommendations	Cat		
Species	(m)	No	Ø (mm)	Spre (m	ead (Clear (m)	Age	A (m²) R (m)	Condition	Condition	Survey Comment			
T11			Ţ ()	(()								
Common Hazel	6	10	443 (Eq)) N	4	3	М	A: 88.7	Good	C: Good		C.2		
Corylus avellana				Е	5	2		R: 5.31		S: Good	Mature hazel coppice located in corner of tree line on	20+ yr		
				S	4	4				B: Good	southwest boundary line. Crown physically touching clients	201 yı.		
				W	2	5					property.			
T12														
Silver Birch	11	1	400	N	0.5	5	М	A: 72.4	Poor	C: Fair		U.2		
Betula pendula				Е	5	4.5		R: 4.8		S: Ivy	Tree located on north-western boundary line adjacent fence	<10 yrs		
				S	6	6				B: Not visible	line. Heavily clad in ivy from base running up main stem to	,		
				W	3	6					where structural canopy begins. Crown suppressed on north			
											from neighbouring tree. Very low foliage density through crown.			
T13														
Prunus	4	1	450	N	2	1	М	A: 91.6	Dead	C: Poor		U		
Prunus sp.				Е	3	0.5		R: 5.39		S: Poor	Dead cherry heavily clad in ivy. No amenity value.	n/a		
				S	3	1				B: Poor	, , , , ,			
				W	1	1								
T14														
Silver Birch	12	1	380	N	1	6	SM	A: 65.3	Fair	C: Fair		C.1		
Betula pendula				Е	5	7		R: 4.55		S: Good	Located on north-western boundary within group of conifer.	10+ yr:		
				S	5	8				B: Good	Some minor deadwood within canopy.			
				W	4	8								
T15														
Silver Birch	11	1	340	N	2	5	SM	A: 52.3	Good	C: Good		C.2		
Betula pendula				E	2	5		R: 4.08		S: Good	Located on north-western boundary line within lower story	20+ yr:		
				S	1	6				B: Good	group of conifer. Stem forks at approx. 400mm to form 2 co-			
				W	2	5					dominant stems. Well balanced crown given its location and proximity to surrounding trees.			
											proximity to suffounding trees.			

Ì	Age Classifications:	Ν	Newly planted	EM	Early Mature	Condition:	С	Crown	Stems:	Ø	Diameter
		Υ	Young	M	Mature		S	Stem		(Eq)	Equivalent stem diameter using BS5837:2012 definition
		SM	Semi-mature	OM	Over Mature		В	Basal area	ERC:	Esti	mated Remaining Contributio

Tree and Tag No		Hght		Stem			Crow				RP	Phys		Structural		Preliminary Recommendations	Cat	
Species		(m)	N	0 (Ø mm)	Spre (m		Clear (m)	•	Age	A (m²) R (m)	Condition	Condition			Survey Comment		
T16																		
Scots Pine		16	1	69	90	N	4.5		8	М	A: 215.4	Good	C:	Good			A.1	
Pinus sylvestris						Е	5.2		7		R: 8.28		S:	Good		ed to the northern corner of the site, this tree has good	40+ yrs	
						S	7.8		4				B:	Good	amenit	ty value and is a good example of its species. Some	,	
						W	4.5		7							c pruning works evident and a small amount of small ter deadwood within canopy.		
T17																Estimated Mea	surements	
Common Beech		14	1	40	00	N	5		8 9	SM	A: 72.4	Good	C:	Good			B.1	
Fagus sylvatica						Е	7		8		R: 4.8		S:	Not		tree. Unable to carry out detailed inspection due to	40+ yrs	
						_	_		_				ъ.	Visable		ted access. Main stem not viasble untill approx 7ft from	•	
						S	6		6				B:	Not Visable	ground	d level due to fence.		
						W	6		8					1.50.5.0				
T18																Estimated Mea	surement	
Common Beech		14	1	40	00	N	5		5 9	SM	A: 72.4	Good	۲.	Good		Estillated Ties	B.1	
Fagus sylvatica			-		,0	E	6		4	J. 1	R: 4.8	Good		Not			40+ yrs	
<i>5</i> ,														Visable		e tree. Unable to carry out detailed inspection due to ted access. Main stem not viasble untill approx 7ft from	+u+ yis	
						S	6		4				B:	Not Visable		d level due to fence.		
						W	7		4									
T19																Estimated Mea	surements	
Common Lime		15	1	36	50	N	5		6 9	SM	A: 58.6	Good	C:	Good			B.1	
Tilia europaea						Е	5		6		R: 4.31		S:	Not		e tree. Unable to carry out detailed survey due o	40+ yrs	
						_	4 5		7				ъ.	Visable	restrict	ted access. Main stem not viasble untill approx 7ft from	,	
						S	4.5		7				В:	Not Visable	ground	d level due to fence.		
						W	7		5									
T20																Estimated Mea	surements	
Common Beech		12	1	30	00	N	3		5	Υ	A: 40.7	Good	C:	Good			C.1	
Fagus sylvatica		·	·			E	3		5		R: 3.59			Not	Off city	e tree. Unable to carry out detailed inspection due to	40+ yrs	
						_								Visable		ted access. Tree younger than surrounding Beech	,,,	
						S	4		5				В:	Not Visable	situate	ed offsite and appears to be slightly suppressed by		
						W	3		5					VISable		nding trees. Main stem not viasble untill approx 7ft ground level due to fence.		
Age Classifications:	N	Newly plant	ted	EM	Farly I	Mature			Co	nditi	ion: C	Crown			Stems:	Ø Diameter	_	
go oldooliloddollo.	Y	Young	Ju	М	Mature				-		S				Cionio.	(Eq) Equivalent stem diameter using BS5837:2012 defin	nition	
	SM	Semi-matui	re	ОМ	Over I	Mature					В		а		ERC:	Estimated Remaining Contributio		

Tree and Tag No			S	Stems			Crown			RP	Divis	Ctructural	Preliminary Recommendations	
Species		Hght (m)	No	Ø (mi		pread (m)		lear m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	Cat ERC
T21				(,	()		,		1				
Silver Birch		12	1	310	1	N	3.5	6	SM	A: 43.5	Good	C: Good		C.1
Betula pendula			-	310		E	3	6	0	R: 3.72	Coou	S: Good		
, , , , , , , , , , , , , , , , , , , ,					9	S	3	6				B: Good	Located on eastern boundary in corner of rear garden. Main stem splits at 300mm to form 2 co- dominant stems.	20+ yrs
							2.5	6					Stem spiks at 300min to form 2 to dominant stems.	
T22														
Leyland Cypress		6	2	333	(Eq) 1	N	2	3	SM	A: 50.1	Good	C: Good		C.2
X Cupressocyparis leylandii						Е	2	3		R: 3.99		S: Good	Located on southeast boundary line. Height has been	20+ yrs
					9	S	2	2				B: Good	maintained at approx. 6m. Provides an element of screening	201 913
					V	N	2.5	2.5					from neighbouring property, however of low amenity value.	
T23													Estimated Me	asurement
Silver Birch		12	1	260	1	N	2	6	Υ	A: 30.6	Good	C: Good		C.1
Betula pendula					i	E	2.5	6		R: 3.12		S: Not	Offsite tree. Unable to carry out detailed inspection due to	20+ yrs
					,	_	2	_				Visable	restricted access. Evidence of pruning works carried out on	
						S	3	6				B: Not Visable	western side of canopy.	
					٧	N	3	6				VISUDIC		
T24														
Leyland Cypress		6	2	421	(Eq) 1	N	2	3	М	A: 80	Good	C: Good		C.2
X Cupressocyparis leylandii					E	E	2	3		R: 5.04		S: Good	Located on eastern boundary line. Main stem splits to form 2	20+ yrs
					9	S	2	3				B: Good	co- dominant stems at 100mm from ground level. Height has	20. 7.5
					V	N	2	3					been maintained at approx. 6m. Although the tree provides	
													screening from neighbouring property, it is of low amenity	
													value.	
T25		2	2	112	(Ea) !	NI.	٥.	1	M	Λ. Γ.Ο	Caad	Cı Caad		6.3
Rhododendron en		3	2	113	(Eq) [0.5	1	М	A: 5.8	Good	C: Good S: Good		C.2
Rhododendron sp.							0.5 0.5	1		R: 1.35			Tree provides some screening but of low amenity value.	10+ yrs
								1				B: Good	Evidence of pruning works on stems.	
					V	/V	0.5	1						
Age Classifications:	N New	ly plant	ed	EM E	Early Ma	ature		С	ondi	tion: C	Crown		Stems: Ø Diameter	
-	Y Your				/lature					S	Stem		(Eq) Equivalent stem diameter using BS5837:2012 del	inition
	SM Sem	i-matur	е	ОМ С	Over Ma	ture				В	Basal are	a	ERC: Estimated Remaining Contributio	