Client: Cubic Architectural Services
Project: Durfeldt Lodge, Barnsley, S73 9DJ
Survey Date: 05/10/2012
Surveyor: Alan Thompson

BS5837:2012 Tree Survey

Arbtech Consulting Ltd.

Murlain House
Union Street
Chester
Cheshire
CH1 1QP
Phone: 08450 176 950

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
Group 1										Estimated Measurements	
Common Hawthorn *Crataegus monogyna*	5	1	150	N 2 E 2 S 2 W 2	2 2 2 2	SM	A: 10.2 R: 1.8	Good	C: Good S: Ivy B: Good	Group of 6 semi mature Hawthorn trees. Trees are becoming smothered with thick ivy. Measurements and dimensions given are averages for the group.	C.1.2 20 to 40 yrs
Group 2										Estimated Measurements	
Cherry Laurel *Prunus laurocerasus*	6	6	343 (Eq)	N 5 E 5 S 5 W 5	1 1 1 1	SM	A: 53.2 R: 4.11	Good	C: Good S: Good B: Good	3 x multistem Cherry laurel, screening planting. Measurements and dimensions given are averages for the group	C.1.2 20 to 40 yrs
Group 3											
Leyland Cypress *X Cupressocyparis leylandii*	8	1	300	N 2.5 E 2.5 S 2.5 W 2.5		SM	A: 40.7 R: 3.59	Good	C: Fair S: Good B: Good	Screening planting group comprised of 45 x semi mature Leylandii trees. Trees have previously been topped at 7m. Measurements and dimensions given are averages for the group	C.1.2 20 to 40 yrs
Group 4										Estimated Measurements	
Lawson Cypress *Chamaecyparis lawsoniana*	9	1	220	N 2.5 E 2.5 S 2.5 W 2.5		SM	A: 21.9 R: 2.64	Good	C: Good S: Good B: Good	Group is comcomprised of 7 x Semi mature Lawson Cypress trees ssp. Measurements and dimensions given are averages for the group.	C.1 >40 yrs

Age Classifications: N Newly planted; Y Young; SM Semi-mature; M Mature; OM Over Mature; D Dead

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
T1											
Common Lime *Tilia europaea*	17	1	620	N 5 E 5 S 5 W 5	5 5 5 5	M	A: 173.9 R: 7.44	Good	C: Good S: Good B: Good	Minor deadwood in crown	**B.1.2** 20 to 40 yrs
T2											
Common Lime *Tilia europaea*	18	1	730	N 6.5 E 6.5 S 6.5 W 6.5	4 4 4 4	M	A: 241.1 R: 8.76	Good	C: Good S: Good B: Good	Included bark at 2m at point of tight stem union.	**B.1.2** 20 to 40 yrs
T3											
Common Lime *Tilia europaea*	17	1	630	N 5 E 5 S 5 W 5	5 5 5 5	M	A: 179.6 R: 7.56	Good	C: Good S: Good B:	Tree's base could not be fully inspected due to a build up of years of basal epicormic growth	**B.1.2** 20 to 40 yrs
T4											
Sycamore *Acer pseudoplatanus*	18	1	680	N 7 E 7 S 7 W 5	7 6 7 11	M	A: 209.2 R: 8.16	Good	C: Good S: Good B: Good		**B.1.2** >40 yrs
T5											
Common Lime *Tilia europaea*	17	1	520	N 5.5 E 5 S 5.5 W 5.5	4 4 4 4	M	A: 122.3 R: 6.23	Good	C: Good S: Good B: Good		**B.1.2** >40 yrs
T6											
Nikko Fir *Abies homolepis*	9	1	130	N 1.5 E 1.5 S 1.5 W 1.5	1 1 1 1	Y	A: 7.6 R: 1.55	Good	C: Good S: Good B: Good		**C.1** >40 yrs

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Stems:
Ø Diameter
(Eq) Equivalent stem diameter using BS5837:2012 definition

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T7											
Common Lime *Tilia europaea*	18	1	570	N 6 E 6 S 6 W 6	4 4 4 4	M	A: 147 R: 6.84	Good	C: Good S: Good B: Good	Tree's base could not be fully inspected due to years of build up of basal epicormic growth	**B.1.2** 20 to 40 yrs
T8											
Common Lime *Tilia europaea*	16	1	570	N 6 E 6 S 6 W 6	4 4 4 4	M	A: 147 R: 6.84	Good	C: Good S: Good B:	Tree's base could not be fully inspected due to years of build up of basal epicormic growth.	**B.1.2** 20 to 40 yrs
T9											
Wych Elm *Ulmus glabra*	10	1	180	N 3 E 4 S 3 W 2	3 2 3 5	Y	A: 14.7 R: 2.16	Good	C: Fair S: Fair B: Good	Tree is developing poor form and a moderate lean due to being suppressed by neighbouring trees	**C.1** 20 to 40 yrs
T10											
Sycamore *Acer pseudoplatanus*	16	2	319 (Eq)	N 3 E 6 S 3 W 6	9 6 9 6	SM	A: 46.1 R: 3.83	Good	C: Fair S: Good B: Good	Tree is developing poor form due to being suppressed by neighbouring trees	**C.1** 20 to 40 yrs
T11											
Common Lime *Tilia europaea*	17	1	640	N 6.5 E 6.5 S 6.5 W 6.5	4 4 4 4	M	A: 185.3 R: 7.68	Good	C: Good S: Good B:	Tree's base could not be fully inspected due to years of build up of basal epicormic growth.	**B.1.2** 20 to 40 yrs
T12											
Common Lime *Tilia europaea*	17	1	700	N 6.5 E 6.5 S 6.5 W 6.5	4 4 4 4	M	A: 221.7 R: 8.4	Good	C: Good S: Good B: Good	Tree's base could not be fully inspected due to years of build up of basal epicormic growth	**B.1.2** 20 to 40 yrs

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T13											
Common Lime *Tilia europaea*	17	2	687 (Eq)	N 5.5 E 5.5 S 5.5 W 5.5	5 5 5 5	M	A: 213.7 R: 8.24	Good	C: Good S: Good B: Good	Tree's base could not be fully inspected due to years of build up of basal epicormic growth	**B.1.2** 20 to 40 yrs
T14											
Leyland Cypress *X Cupressocyparis leylandii*	11	1	270	N 2 E 2 S 2 W 2	4 4 4 4	SM	A: 33 R: 3.24	Good	C: Good S: Good B: Good		**C.1** 20 to 40 yrs
T15											
Common Holly *Ilex aquifolium*	12	1	360	N 3.5 E 3.5 S 3.5 W 3.5	3 3 3 3	M	A: 58.6 R: 4.31	Good	C: Good S: Good B: Good	Variegated 'Albomarginatum'	**C.1** 20 to 40 yrs
T16											
Sycamore *Acer pseudoplatanus*	16	2	410 (Eq)	N 6 E 5 S 5 W 5	7 5 7 5	SM	A: 76.2 R: 4.92	Good	C: Good S: Good B: Good		**B.2** >40 yrs
T17											
Sycamore *Acer pseudoplatanus*	9	2	128 (Eq)	N 2.5 E 2.5 S 2.5 W 2.5	4 4 4 4	Y	A: 7.4 R: 1.53	Good	C: Good S: Good B: Good		**C.1** >40 yrs
T18											
Leyland Cypress *X Cupressocyparis leylandii*	7	1	140	N 1.5 E 1.5 S 1.5 W 1.5	2 2 2 2	Y	A: 8.9 R: 1.68	Good	C: Good S: Good B: Good		**C.1** 20 to 40 yrs

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T19											
Common Hawthorn *Crataegus monogyna*	7	1	200	N 2.5 2 E 2.5 2 S 2.5 2 W 2.5 2		SM	A: 18.1 R: 2.4	Good	C: Good S: Good B: Good		**C.1** 20 to 40 yrs
T20											
Leyland Cypress *X Cupressocyparis leylandii*	12	1	270	N 2 E 2 S 2 W 2		SM	A: 33 R: 3.24	Good	C: Good S: Good B: Good		**C.1** >40 yrs
T21											
Leyland Cypress *X Cupressocyparis leylandii*	12	1	260	N 2 E 2 S 2 W 2		SM	A: 30.6 R: 3.12	Good	C: Good S: Good B: Good		**C.1** >40 yrs
T22											
Leyland Cypress *X Cupressocyparis leylandii*	13	1	260	N 1 2 E 1 2 S 1 2 W 1 2		SM	A: 30.6 R: 3.12	Good	C: Good S: Good B: Good		**C.1** >40 yrs
T23											
Sycamore *Acer pseudoplatanus*	18	1	480	N 6.5 5 E 6.5 5 S 6.5 5 W 6.5 5		SM	A: 104.2 R: 5.75	Good	C: Good S: Good B: Good		**B.1** >40 yrs
T24											
Common Yew *Taxus baccata*	4	1	170	N 3 2 E 2.5 2 S 2 2 W 2.5 2		Y	A: 13.1 R: 2.04	Good	C: Good S: Good B: Good		**C.1** >40 yrs

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T25											
Atlas Cedar *Cedrus atlantica*	14	1	330	N 4 E 4 S 4 W 4	2 2 2 2	SM	A: 49.3 R: 3.96	Good	C: Good S: Good B: Good		**B.1** >40 yrs
T26											
Brewer Spruce *Picea brewerana*	14	1	310	N 3 E 3 S 3 W 3	6 7 5 2	SM	A: 43.5 R: 3.72	Good	C: Good S: Good B: Good		**B.1** >40 yrs
T27											
Common Pear *Pyrus communis*	3.5	1	200	N 1.5 E 1 S 1 W 1	2 2 2 2	SM	A: 18.1 R: 2.4	Good	C: Good S: Good B: Good		**C.1** 20 to 40 yrs
T28											
Apple *Malus Unknown*	4	1	150	N 1.5 E 1.5 S 1.5 W 1.5	2 2 2 2	SM	A: 10.2 R: 1.8	Good	C: Good S: Good B: Good		**C.1** 20 to 40 yrs
T29											
Apple *Malus Unknown*	3	1	130	N 1 E 1 S 1 W 1	1.5 1.5 1.5 1.5	SM	A: 7.6 R: 1.55	Fair	C: Fair S: Good B: Good	Die back in crown	**C.1** 10 to 20 yrs
T30											
Stone Pine *Pinus pinea*	7	1	290	N 4 E 4 S 2 W 4	3 3 3 3	SM	A: 38.1 R: 3.48	Good	C: Good S: Fair B: Good	Tree has a moderate lean	**C.1** 20 to 40 yrs

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T31											
Lawson Cypress 'Allumii' *Chamaecyparis lawsoniana 'Allumii'*	7.5	1	260	N 2 E 2 S 2 W 2		SM	A: 30.6 R: 3.12	Good	C: Good S: Good B: Good		**C.1** >40 yrs
T32											
Lawson Cypress 'Fraserii' *Chamaecyparis lawsoniana 'Fraseri'*	6	1	240	N 2 E 2 S 2 W 2	1 1 1 1	SM	A: 26.1 R: 2.88	Good	C: Good S: Good B: Good		**C.1** >40 yrs

Age Classifications:

N	Newly planted	M	Mature
Y	Young	OM	Over Mature
SM	Semi-mature	D	Dead

Condition:

C	Crown
S	Stem
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Stems:

Ø	Diameter
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Report selection criteria.

Projects.

Durfeldt Lodge, Barnsley, S73 9DJ

Date Range.

Any Date

Work types.

----> -No Selection made-

Latest Survey.

All surveys for the selected trees.
---> Last survey for each selected tree.

Work Completed.

---> Work Completed
---> Work Not Completed

Number of trees in selected Project(s)	**36**
Number of trees in Report selection	**36**

Age Classifications:	N	Newly planted	M	Mature	**Condition:**	C	Crown	**Stems:**	Ø	Diameter
	Y	Young	OM	Over Mature		S	Stem		(Eq)	Equivalent stem diameter using BS5837:2012 definition
	SM	Semi-mature	D	Dead		B	Basal area			