BS5837:2012 Tree Survey

Client: Mr. Robert Napier
Project: 12 Riley Lane, Kirkburton, Huddersfield, HD8 0RY.
Survey Date: 26/05/2017
Surveyor: Alan Thompson

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Tree and Tag No / Species	Hght (m)	Stems No	Stems Ø (mm)	Crown	Crown Spread (m)	Crown Clear (m)	Age	RP A (m2) R (m)	Phys Condition	Structural Condition	Preliminary Recommendations / Survey Comment	Cat ERC
G1												
A Group	2	1	90	N	1.5	0.5	Y	A: 3.7	Good	C: Good		C.1
- -				E	1.5	0.5		R: 1.08		S: Good	Group is comprised of 5 young conifers. Measurements given are estimated averages for the group.	>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		C.2
- -				E	2.5	1		R: 1.55		S: Good	Boundary group is comprised of 4 young trees. Species are: Hawthorn, Sycamore and Elm. Measurements given are estimated averages for the group.	>40 yrs
				S	2.5	1				B: Good		
				W	2.5	1						
G3											Estimated Measurements	
A Group	3.5	1	140	N	2	0.5	SM	A: 8.9	Good	C: Good		C.1
- -				E	2	0.5		R: 1.68		S: Good	Well maintained group of 10 trees/shrubs. Species are Holly and Rhododendron. Measurements given are estimated averages for the group.	>40 yrs
				S	2	0.5				B: Good		
				W	2	0.5						
G4											Estimated Measurements	
A Group	3.5	1	150	N	2	0.5	SM	A: 10.2	Good	C: Good		C.1
- -				E	2	0.5		R: 1.8		S: 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
				S	2	0.5				B: Good		
				W	2	0.5						

Age Classifications:					Condition:			Stems:		
	N	Newly planted	EM	Early Mature		C	Crown		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			

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T1											
Common Oak *Quercus robur*	19	1	750	N 8.5 E 8.5 S 8.5 W 10.5	9 4 4 4	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 *Quercus robur*	15.5	1	640	N 8 E 6 S 7.5 W 9	2 5 6 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 *Quercus robur*	5.5	1	170	N 3 E 3.5 S 3 W 3	3 1.5 1.5 1.5	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 *Sorbus aria*	5	1	160	N 3 E 1 S 2 W 3	2 4 3 1	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 *Salix caprea*	5.5	2	326 (Eq)	N 4 E 4 S 3.5 W 4	2 2 2 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 *Sorbus aucuparia*	3.5	1	190	N 3 E 1.5 S 0.5 W 1.5	3 3 2.5 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 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

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T7											
Whitebeam *Sorbus aria*	7	1	160	N 4 E 3 S 3 W 3	3 2 3 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 *Quercus robur*	17	1	810	N 7.5 E 8 S 6.5 W 9	5 5 6 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 *Rhododendron Unknown*	3	4	77 (Eq)	N 2.5 E 2.5 S 1 W 1	0.5 0.5 0.5 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 *Acer palmatum*	3.5	3	81 (Eq)	N 3 E 3.5 S 2.5 W 2	1 1 1 1	SM	A: 3 R: 0.97	Good	C: Good S: Good B: Good		C.1 20 to 40 yrs
T11											
Copper Beech *Fagus sylvatica 'Purpurea'*	3	1	200	N 1 E 1 S 1 W 1	1 1 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 *Fraxinus pendula*	7.5	1	570	N 4 E 6 S 7 W 6	1 2 4 3	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 decayying. Cavity >150mm observed in tree's stem at 2.8m (eastern limb).	B.1 20 to 40 yrs

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T13										Estimated Measurements	
Common Laburnum *Laburnum anagyroides*	5	1	170	N 2.5 E 2.5 S 1 W 3	3 3 3 2	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 *Chamaecyparis lawsoniana*	16.5	1	560	N 2.5 E 3 S 3 W 3	1.5 2 2 2	M	A: 141.9 R: 6.72	Good	C: Good S: Good B: Good		B.1 >40 yrs
T15											
Cherry Laurel *Prunus laurocerasus*	3.5	6	122 (Eq)	N 2.5 E 2.5 S 2.5 W 2.5	0.5 0.5 0.5 0.5	SM	A: 6.8 R: 1.47	Good	C: Good S: Good B: Good		C.1 >40 yrs
T16											
Common Holly *Ilex aquifolium*	3	10	696 (Eq)	N 1.5 E 2 S 1 W 1	1.5 1.5 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 *Ilex aquifolium*	3.5	2	269 (Eq)	N 2 E 2 S 2 W 2	1.5 1.5 1.5 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 *Ilex aquifolium*	3.5	3	208 (Eq)	N 2 E 2 S 2 W 2	1.5 1.5 1.5 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

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T19											
Common Holly *Ilex aquifolium*	3.5	1	240	N E S W	2 2 2 2	1.5 1.5 1.5 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 *Ilex aquifolium*	3.5	2	130 (Eq)	N E S W	2 2 2 2	1.5 1.5 1.5 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 *Ilex aquifolium*	3.5	3	217 (Eq)	N E S W	2 2 2 2	1.5 1.5 1.5 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 *Ilex aquifolium*	3.5	2	228 (Eq)	N E S W	2 2 2 2	1.5 1.5 1.5 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 *Ilex aquifolium*	2	6	196 (Eq)	N E S W	2 2 2 2	1.5 1.5 1.5 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 *Ilex aquifolium*	2.5	3	353 (Eq)	N E S W	2 2 2 2	1.5 1.5 1.5 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

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T25											
Common Hawthorn *Crataegus monogyna*	5.5	2	141 (Eq)	N 2 E 2 S 2 W 2.5	2 3 2 1.5	SM	A: 9 R: 1.69	Good	C: Good S: Good B: Good	Tree of limited amenity value.	C.1 >40 yrs
T26											
Rhododendron *Rhododendron Unknown*	3	1	100	N 2 E 2 S 2 W 2	1 1 1 1	M	A: 4.5 R: 1.19	Good	C: Good S: Good B: Good		C.1 20 to 40 yrs
T27											
Lawson Cypress *Chamaecyparis lawsoniana*	16	1	610	N 2.5 E 3 S 3 W 3	1.5 2 2 2	M	A: 168.4 R: 7.32	Good	C: Good S: Good B: Good		B.1 >40 yrs
T28											
Lawson Cypress *Chamaecyparis lawsoniana*	16	1	580	N 2.5 E 3 S 3 W 3	1.5 2 2 2	M	A: 152.2 R: 6.96	Good	C: Good S: Good B: Good		B.1 >40 yrs
T29											
Lawson Cypress *Chamaecyparis lawsoniana*	16	1	620	N 2.5 E 3 S 3 W 3	1.5 2 2 2	M	A: 173.9 R: 7.44	Good	C: Good S: Good B: Good		B.1 >40 yrs

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