Tree Heritage Ltd, 100 North St, Leek, Staffs, ST13 8DQ
T: 01538 384019 E: info@treeheritage.co.uk

TREE HERITAGE
GROWING SINCE 1982

APPENDIX A: TREE SURVEY SCHEDULE

KEY:

Measurements	Life Stage	Physiological Condition	Category Grading	Symbols
Height - *Metres* Stem Diameter - *Millimetres at 1.5m above ground level* Branch Spread - *Metres (North, South, East and West)* Crown Clearance - *Metres* RPA Radius - *Metres* Estimated Remaining Contribution - *Years* FSB - First Significant Branch - *Metres*	Y - *Young* SM - *Semi-Mature* EM - *Early Mature* M - *Mature* OM - *Over-Mature* V - *Veteran*	G - *Good* F - *Fair* P - *Poor* D - *Dead*	A - *High (green)* B - *Moderate (blue)* C - *Low (grey)* *U - Poor/Trees for removal (red)* **Sub-Categories:** 1 - *Mainly Arboricultural value* 2 - *Mainly Landscape value* 3 - *Mainly Cultural value*	< - *Less than* ~ - *Approximately* > - *Greater than*
RPA - *Root protection area (equivalent to a circle with a radius 12x the stem diameter measured at 1.5m above ground level)*				

Site: Highfields, Leek
Surveyed by: Hugh Williams and Ben Williams BSc (Hons) Arb. M.Arbor.A
Date: 28/04/2017

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Tree Ref.	Species	Height	Stem Diameter	Branch Spread				Crown Clearance	FSB Height + Direction	Life Stage	Phys. Condition	Structural Condition	Recommendations	Estimated Remaining Contribution	Category Grading	RPA Radius
				N	S	E	W									
T1	Ilex aquifolium 'Argentea Marginata' (Silver Variegated Holly)	10	400	3.5	3.5	3.5	3.5	3	1(E)	M	Fair	Minor deadwood in crown.Some damage from bonfires.	No work required.	10+	C1	4.8
T2	Ilex aquifolium (Holly)	10	300, 220, 280	4	4	4	4	3	2(N)	M	Poor	Declining. Decay present on stem. Dieback in crown.One stem is dead and one declining.	Consider removal.	<10	U	5.59
T3	Taxus baccata (Yew)	10	440	2	4	4	4	2	4(S)	M	Fair	Decay present at base. Major deadwood in crown. Unbalanced crown shape.	Consider removal.	20+	C1	5.28
T4	Acer pseudoplatanus (Sycamore)	17	730	7	7	7	7	5	4(S)	M	Good	Epicormics on stem. Major deadwood in crown.	No work required.	40+	A1	8.76
T5	Ilex aquifolium (Holly)	12	600	5	5	5	5	2	2(S)	M	Fair	Decay present on stem. Major bark wounding on stem.	Consider	20+	B1	7.2
T6	Acer pseudoplatanus (Sycamore)	17	940	7	7	7	7	5	4(S)	M	Good	Epicormics on stem. Major deadwood in crown.	No work required.	40+	A1	11.28
T7	Taxus baccata (Yew)	10	320	4	4	4	4	1	1(N)	EM	Good	Major deadwood in crown.	No work required.	40+	C1	3.84
T8	Acer pseudoplatanus (Sycamore)	17	730	7	7	7	7	5	4(S)	M	Good	Epicormics on stem. Major deadwood in crown.	No work required.	40+	A1	8.76

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T9	Chamaecyparis lawsoniana (Lawson Cypress)	15	450	2	2	2	2	3	4(E)	M	Fair	Minor deadwood in crown.	No work required.	20+	B1	5.4
T10	Prunus lusitanica (Portugal Laurel)	12	360	3	3	3	3	1	2(S)	OM	Poor	Decay present at base. Decay present on stem.Severe decay in stem,tree liable to collapse.	Consider removal.	<10	U	4.32
T11	Ilex aquifolium (Holly)	12	600	5	5	5	5	2	2(S)	M	Fair	Declining. Minor deadwood in crown.	No work required.	10+	C1	7.2
T12	Sorbus aria (Whitebeam)	12	500	3	5	5	5	6	3(S)	M	Fair	Minor deadwood in crown. Unbalanced crown shape.	No work required.	20+	B1	6
T13	Chamaecyparis lawsoniana (Lawson Cypress)	10	190	2	2	2	2	3	4(S)	M	Poor	Leaning South.Tree liable to fail.	Consider removal.	10+	C1	2.28
T14	Acer pseudoplatanus (Sycamore)	16	550	5	5	5	5	3	1(S)	M	Good	Minor deadwood in crown.	No work required.	20+	B1	6.6
T15	Acer pseudoplatanus (Sycamore)	16	890	6	6	6	6	3	1(S)	M	Good	Minor deadwood in crown.	No work required.	40+	A1	10.68
T16	Ilex aquifolium (Holly)	10	200, 200	4	4	4	4	1	1(N)	M	Fair	Suppressed.	No work required.	10+	C1	3.4
T17	Ilex aquifolium (Holly)	10	450	4	4	4	4	1	1(N)	M	Fair	Stem divides below 1.5m. Weak fork.	No work required.	10+	C1	7.63
T18	Acer pseudoplatanus (Sycamore)	16	440	6	6	6	6	3	4(N)	M	Fair	Minor deadwood in crown.	No work required.	20+	B1	5.28

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T19	Taxus baccata (Yew)	12	340	2	4	4	4	3	2(S)	M	Fair	Suppressed. Minor deadwood in crown.	No work required.	20+	B1	4.08
T20	Taxus baccata (Yew)	12	340	4	2	4	4	3	2(S)	M	Fair	Suppressed. Minor deadwood in crown.	No work required.	20+	B1	4.08
T21	Ilex aquifolium (Holly)	14	480	4	4	4	2	0.5	2.5(N)	M	Poor	Included bark present in fork. Dieback in crown. Major deadwood in crown.	Monitor.	<10	U	5.76
T22	Ilex aquifolium (Holly)	14	520	5	5	5	5	0.5	2(N)	M	Fair	Included bark present in fork. Decay present on stem. Weak fork.	Monitor.	<10	U	6.24
T23	Ilex aquifolium (Holly)	14	310,350	4	4	4	4	0.5	2(N)	M	Fair	Decay present at base. Major bark wounding on stem.	No work required.	10+	C1	5.62
T24	Chamaecyparis pisifera (Sawara Cypress)	15	400	3	2	3	2	1	3(N)	M	Good	Included bark present in fork. Weak fork.	Monitor.	<10	U	4.8
T25	Prunus lusitanica (Portugal Laurel)	8	290,470	4	4	4	4	1	2(S)	OM	Poor	Decay present at base. Decay present on stem.Severe decay in stem,tree liable to collapse.	Consider removal or reduction.	<10	U	6.62
T26	Taxus baccata (Yew)	9	210	2.5	2.5	2.5	2.5	2	1(S)	M	Fair	Major deadwood in crown.	No work required.	10+	C1	2.52
T27	Acer pseudoplatanus (Sycamore)	8	230	2.5	1	2	2	3	3(N)	EM	Fair	Crown distorted due to group pressure.	No work required.	10+	C1	2.76

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T28	Ilex aquifolium (Holly)	15	450,210	4	4	4	4	1	1(N)	M	Good	Decay present on stem. Cavity at base. Cavity on stem.	Monitor.	<10	U	5.96
T29	Taxus baccata (Yew)	14	430	5	3	4	3	3	2.5(N)	M	Good		No work required.	20+	B1	5.16
T30	Prunus lusitanica (Portugal Laurel)	8	360	4	4	4	4	1	2(S)	OM	Poor	Decay present at base. Decay present on stem.Severe decay in stem,tree liable to collapse.	Consider removal or reduction.	<10	U	4.32
T31	Prunus lusitanica (Portugal Laurel)	8	470	4	4	4	4	1	2(S)	OM	Poor	Decay present at base. Decay present on stem.Severe decay in stem,tree liable to collapse.	Consider removal or reduction.	<10	U	5.64
T32	Fraxinus excelsior (Ash)	15	380	4	5	4	4	5	2.5(S)	M	Good		No work required.	20+	B1	4.56
T33	Taxus baccata (Yew)	10	360	2	5	3.5	3.5	2	2(S)	M	Fair	Major deadwood in crown.	No work required.	10+	C1	4.32
T34	Ilex aquifolium (Holly)	16	410	4	4	4	4	1	2(N)	M	Good		No work required.	20+	B1	4.92
T35	Acer pseudoplatanus (Sycamore)	16	470	5	0	4	5	2.5	2(N)	M	Fair	Unbalanced crown shape. Crown distorted due to group pressure.	No work required.	10+	C1	5.64
T36	Ilex aquifolium (Holly)	12	360	3	3	3	3	1	3(NW)	M	Fair	Decay present on stem. Cavity on stem.	Monitor.	<10	U	4.32
T37	Ilex aquifolium (Holly)	8	320	3	3	3	3	2	2(N)	M	Fair		No work required.	10+	C1	3.84
T38	Ilex aquifolium (Holly)	8	320	3	3	3	3	2	2(N)	M	Fair		No work required.	10+	C1	3.84

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T39	Ilex aquifolium (Holly)	8	320	3	3	3	3	2	2(N)	M	Fair		No work required.	10+	C1	3.84
T40	Fraxinus excelsior (Ash)	18	760	8	8	5	8	4	5(S)	M	Fair	Major deadwood in crown.	Remove major deadwood.	20+	B1	9.12
T41	Fraxinus excelsior (Ash)	18	610	4	8	4	5	5	6(N)	M	Fair	Major deadwood in crown. Crown distorted due to group pressure.	Remove major deadwood.	20+	B1	7.32
T42	Taxus baccata (Yew)	7	410	3.5	3.5	3.5	3.5	2	2(N)	M	Good		No work required.	20+	B1	4.92
T43	Taxus baccata (Yew)	7	290	3.5	3.5	3.5	3.5	2	2(N)	M	Good		No work required.	20+	B1	3.48
T44	Chamaecyparis pisifera (Sawara Cypress)	8	210	2	2	2	2	4	4(S)	EM	Dead	Dead.	Remove tree.	<10	U	2.52
T45	Chamaecyparis pisifera (Sawara Cypress)	6	330	2	2	2	2	2	2(S)	EM	Poor	Leaning South. Decay present on stem.	Remove tree.	<10	U	3.96
T46	Chamaecyparis pisifera (Sawara Cypress)	8	250	2	2	2	2	2	3(S)	EM	Fair		No work required.	10+	C1	3
T47	Fagus sylvatica (Beech)	22	1110	9	10	8	10	4	5(SW)	M	Good	Storm damage in crown. Broken branch/es in crown.	Carry out aerial inspection.	20+	B1	13.32
T48	Tilia X europaea (Common Lime)	14	330	3	1	2	3.5	2	4(NE)	M	Good	Crown distorted due to group pressure.	No work required.	20+	B1	3.96
T49	Tilia X europaea (Common Lime)	16	620	5	5	5	5	3	2(NE)	M	Good	Major deadwood in crown.	No work required.	40+	A1	7.44
T50	Acer pseudoplatanus (Sycamore)	12	540	5	2	2	8	2	3(W)	M	Good	Crown distorted due to group pressure.	No work required.	20+	B1	6.48

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T51	Ilex aquifolium (Holly)	8	340	2.5	2.5	2.5	2.5	2	5(E)	M	Fair	Decay present at base. Decay present on stem.	No work required.	<10	U	4.08
T52	Acer pseudoplatanus (Sycamore)	14	390	2	2	4	2	3	4(NE)	M	Fair		No work required.	10+	B1	4.68
T53	Acer pseudoplatanus (Sycamore)	14	420	5	2	4	4	3	3.5(N)	M	Fair		No work required.	10+	B1	5.04
T54	Ilex aquifolium (Holly)	8	400	3	3	3	3	1	2(N)	M	Good	Decay present at base. Major bark wounding on stem.	No work required.	<10	U	4.8
T55	Acer pseudoplatanus (Sycamore)	18	820	9	9	7	9	3	2.5(NW)	M	Fair	Fungal brackets visible on stem.Swelling at base.	Carry out further inspection.	20+	B1	9.84
T56	Acer pseudoplatanus (Sycamore)	14	520	5	5	5	5	3	3(N)	M	Poor	Declining. Decay present on stem. Dieback in crown. Major deadwood in crown.	Fell tree on the grounds of safety.	<10	U	6.24
T57	Fraxinus excelsior (Ash)	16	650	6	6	4	8	2	3.5(SW)	M	Fair	Included bark present in fork. Weak fork.	Monitor.	<10	U	7.8
T58	Malus (Apple)	6	120	3	1	2	2	2	2.5(N)	M	Fair		No work required.	10+	C1	1.44
T59	Malus (Apple)	6	210	2.5	2.5	2.5	2.5	2	2.5(N)	M	Fair		No work required.	10+	C1	2.52
T60	Malus (Apple)	7	410	3	5	3	3	2	2.5(N)	M	Fair	Cavity on stem.	No work required.	10+	C1	4.92

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T61	Acer pseudoplatanus (Sycamore)	14	460	4	7	5	5	2	3(S)	M	Fair	Included bark present in fork. Decay present on stem. Weak fork.	Fell tree on the grounds of safety.	<10	U	5.52
T62	Pinus sylvestris (Scots Pine)	16	400	3	3	3	3	6	6(E)	M	Good		No work required.	40+	A1	4.8
T63	Pinus sylvestris (Scots Pine)	16	400	3	3	3	3	6	6(E)	M	Good		No work required.	40+	A1	4.8
T64	Pinus sylvestris (Scots Pine)	16	400	3	3	3	3	6	6(E)	M	Good		No work required.	40+	A1	4.8
T65	Pinus sylvestris (Scots Pine)	16	400	3	3	3	3	6	6(E)	M	Good		No work required.	40+	A1	4.8
T66	Pinus sylvestris (Scots Pine)	16	400	3	3	3	3	6	6(E)	M	Good		No work required.	40+	A1	4.8
T67	Pinus sylvestris (Scots Pine)	16	400	3	3	3	3	6	6(E)	M	Good		No work required.	40+	A1	4.8
T68	Prunus spp. (Cherry spp.)	6	430	4	4	3	4	2	1.5(N)	OM	Poor	Declining. Dieback in crown. Major deadwood in crown.	Remove tree.	<10	U	5.16
T69	Lawson Cypress(Chamaecyparis lawsoniana)	18	500	3.5	3.5	3.5	3.5	6	6(N)	M	G	Leaning North. Weak fork.	No work required.	10+	C1	6
T70	Beech(Fagus sylvatica)	16	820	10	8	9	8	2	4.5(NE)	M	G	Major deadwood in crown. Low branches over road/footpath. Canker on stem.	Monitor. Remove major deadwood. Crown lift to 5m over road.	20+	B1	9.84
T71	Beech(Fagus sylvatica)	16	850	8	8	8	8	1.5	4.5(W)	M	G	Major deadwood in crown.	Remove major deadwood.	40+	A1	10.2

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T72	Beech(Fagus sylvatica)	14	650	2	8	5	8	1.5	4(SW)	M	G	Major deadwood in crown. Unbalanced crown shape. Low branches over road/footpath.	Remove major deadwood. Crown lift to 5m over road.	20+	B1	7.8
T73	Common Lime(Tilia X europaea)	17	450	5	6	5	5	1	1(W)	M	F	Epicormics on stem. Dieback in crown. Major deadwood in crown.	Remove major deadwood.	40+	B1	7.63
T74	Beech(Fagus sylvatica)	12	460	5	5	5	5	2	2(N)	M	G		No work required.	40+	A1	5.52
T75	Scots Pine(Pinus sylvestris)	12	240	1.5	1.5	1.5	1.5	5	5(N)	EM	G	Poor shape & form. Major deadwood in crown.	No work required.	10+	C1	2.88
T76	Scots Pine(Pinus sylvestris)	12	450	2	3.5	3	3	1.5	4(S)	M	G	Unbalanced crown shape. Low branches over road/footpath.	Crown lift to 3m over footpath.	20+	B1	5.4
T77	Scots Pine(Pinus sylvestris)	4	240	1	1	1	1	2	2(N)	M	D	Dead.	Remove tree.	<10	U	2.88
T78	Sweet Chestnut(Castanea sativa)	11	470	1	5	1	2	3.5	3.5(S)	EM	G	Included bark present in main fork. Weak fork.	Fell tree on grounds of safety.	<10	U	5.64
T79	Sweet Chestnut(Castanea sativa)	12	350	4	4	2	2	2.5	2(N)	EM	G	Major deadwood in crown. Crown distorted due to group pressure.	No work required.	10+	C1	4.2

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T80	Scots Pine(Pinus sylvestris)	12	390	2.5	4	1	1	3.5	2(E)	M	G	Major deadwood in crown. Crown distorted due to group pressure.	No work required.	10+	C1	4.68
T81	Scots Pine(Pinus sylvestris)	12	400	2.5	4	1	1	3.5	2(E)	M	G	Major deadwood in crown. Crown distorted due to group pressure.	No work required.	10+	C1	4.8
T82	Beech(Fagus sylvatica)	11	310	3.5	2.5	3.5	2.5	2	2(N)	EM	G		No work required.	20+	B1	3.72
T83	Silver Birch(Betula pendula)	11	170	1.5	1.5	1.5	1.5	4	4(N)	EM	F	Poor shape & form.	No work required.	10+	C1	2.04
T84	Scots Pine(Pinus sylvestris)	12	410	3.5	3.5	3.5	3.5	4	2.5(NE)	M	G		No work required.	20+	B1	4.92
T85	Silver Birch(Betula pendula)	11	300	3.5	3.5	3.5	3.5	3.5	2(N)	M	F		No work required.	10+	C1	3.6
G1	Holly(Ilex aquifolium)	10	250	4	4	4	4	0	2(N)	M	F	Some trees in group have die back in crown.	No work required.	10+	C1	3
G2	Lawson Cypress(Chamaecyparis lawsoniana)	12	350	3	3	3	3	1	1(N)	M	G		No work required.	10+	C1	4.2