Development Site Tree Survey

Client: Anthonv Walker & Par
10 Summerhill Terrace
Newcastle upon Tyne

Site: Darton High School
Churchfield Lane
Darton

Job No. 5974

Date Surveyed: 19.02.09
Conducted By: A.Whitehead
Weather: Fine, dry, but overcast.

SPECIES		MEASUREMENTS								CONDITION			POTENTIAL				PROTECTION		
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
1	*Acer spp.* Maple	6	2	22	3	3	0.75	3	Mi	Good	Sound	>40	20	L	21.88	2.64	Circle	A
Position:	Southern boundary	**Report:**	The first of a triangular group of three. This maple has good branch structure, for a species that is prone to weak branch unions. There is some sucker growth to remove. One of the sucker stems has fasciation, a viral disease. There is a small broken branch at 1.5m.															
		Recommendation:	Remove sucker growth and broken branch at 1.5m.															
2	*Acer spp.* Maple	6	3	13.5	1	2	3	0.5	Mi	Good	Sound	>40	20	L	8.241	1.62	Circle	A
Position:	Southern boundary	**Report:**	*A subordinate tree to maple 1 but a satisfactory specimen. The trunk* divides into two stems at 1.3m with a sound division. There is a broken branch at 2m on the northern stem and a branch stub at 2m on the southern stem.															
		Recommendation:	Remove branch stub and broken branch.															
3	*Acer spp.* Maple	6	3	14	3	0.5	3	3	Mi	Good	Weak	>40	20	L	8.862	1.68	Circle	C
Position:	Southern boundary	**Report:**	The trunk divides into 2 stems at 1.3m with a weak division.															
		Recommendation:	Remove the minor stem at 1.3m west.															
4	***Betula pendula*** Silver birch	10	3	27	5	5	3	2	Mi	Fair	Weak	20-30	14	S	32.96	3.24		R
Position:	*Southern boundary*	**Report:**	There are a series of lesions on the western side of the trunk, from 300mm to 4m in height. The largest lesion is the result of a torn out bough that has left a wound 1m long on the trunk, stretching from 2-3m. On the southern side of the trunk there has been a branch removed at 4m. There is extensive decay in the centre of the callousing wound. This is a healthy tree with a series of defects, which will compromise the tree in the next 10-20 years. It is crowding ash 5. As part of the development scheme I would remove the silver birch and plant a replacement several metres to the west.															
		Recommendation:	Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.															
5	***Fraxinus excelsior*** Ash	11	3	45	5	6	7	4	Mi	Fair	Minor Faults	>40	23	L	91.56	5.4	Circle	B
Position:	Southern boundary	**Report:**	The trunk divides into two stems on an east/west axis at 1.8m with a sound division. It is an open crowned specimen with vigorous growth that has prolific deadwood on the northern side.															
		Recommendation:	Clean crown.															

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6	***Robinia pseudoacacia*** False acacia	8	4	21	4	3	4	3	Mi	Good	Weak	>40	16	M	19.94	2.52	Circle	C
Position: Southern boundary		**Report:** The robinia has good form and structure but at the base, on the southern side of the bole, there is a lesion with exposed heartwood. The bole will be hollow. False acacia is an alternative timber for oak, although of a green colour. It is very strong, therefore it is unlikely that this tree is structurally unsound.																
		Recommendation:																
7	***Acer pseudoplatanus*** Sycamore	10	3	36	4	4	4	4	Mi	Good	Sound	>40	22	L	58.6	4.32	Circle	A
Position: Southern boundary		**Report:** A healthy young mature tree.																
		Recommendation:																
8	***Fraxinus excelsior*** Ash	15	4	43	Average: 8				Ma	Good	Weak	>40	23	L	83.60	5.16		R
Position: Southern boundary		**Report:** Aesthetically the ash is a good specimen with a position on the corner. The trunk divides into a cluster of three stems at 2m. Thre are two major stems east/west and one minor north. The eastern stem has a weak union with the western stem, with flange formation on both sides of the cleft. Rather than prune this tree, making it asymmetric, I would take a forester's view and fell it and plant a replacement. The sycamore behind is an excellent specimen and will quickly fill out the space.																
		Recommendation: Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.																
9	***Acer pseudoplatanus*** Sycamore	15	3	45	4	6	5	6	Ma	Good	Sound	>40	22	L	91.56	5.4	Circle	A
Position: Southern boundary		**Report:** A good dominant vigorously growing sycamore.																
		Recommendation:																
10	***Acer pseudoplatanus*** Sycamore	8	3	24	2	5	3	2	Mi	Poor	Sound	>40	22	L	26.04	2.88	Circle	C
Position: Southern boundary		**Report:** A suppressed specimen. The trunk is garrotted by a rope at 3m. It is unlikely that the garrotte is responsible for this being such a poor specimen. If it was, then the trunk would be a lot bigger beneath the garrotte than above it. No work required at the present.																
		Recommendation:																
11	***Sorbus aria*** Whitebeam	13	2	41	5	3	5	4.5	Ma	Good	Minor Faults	>40	9	S	76.01	4.92	Circle	B
Position: Southern boundary		**Report:** A vigorously growing whitebeam, which divides into two stems at 2m. There is a partially weak cleft, with fault lines on both sides of the cleft, but the fault lines are relatively short. It would be worthwhile reducing the eastern stem on the northern side to give more space to the sweet chestnut to the north. Sweet chestnut are a very long lived species.																
		Recommendation: The trunk divides into 2 stems at 2m. The eastern stem divides into 2 at 3m. Remove the northern stem, i.e. the stem without the bird box.																

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12	***Castanea sativa*** Sweet chestnut	11	3	36	5	2	5	5	Ma	Good	Sound	>40	20	L	58.6	4.32	Circle	A
Position: Southern boundary		**Report:** A fine young mature sweet chestnut. At 2+m on the south side of the trunk, there is a vertical branch, which has a side branch which is rubbing against the main stem.																
		Recommendation: Remove the two rubbing boughs from the back branch at 2+m.																
13	***Castanea sativa*** Sweet chestnut	15	3	44	2	6	5	5	Ma	Good	Sound	>40	20	L	87.54	5.28	Circle	A
Position: Southern boundary		***Report:*** An excellent specimen with heavy deadwood, of up to 75mm diameter, in the crown. It is common for this species to carry a lot of deadwood and to carry it for a long time. The timber is very durable, which is why it is used for *chestnut paling.*																
		Recommendation:																
14	***Castanea sativa*** Sweet chestnut	15	3	52	6	7	5	4	Ma	Good	Sound	>40	20	L	122.3	6.24	Circle	A
Position: Southern boundary		**Report:** The dominant sweet chestnut with heavy deadwod.																
		Recommendation:																
15	***Sorbus aria*** Whitebeam	12	4	22	2	5	2	1	Ma	Good	Sound	20-30	9	S	21.88	2.64	Circle	C
Position: Southern boundary		**Report:** A suppressed fan shaped specimen. Retain until it naturally withers away.																
		Recommendation:																
16	***Sorbus aria*** Whitebeam	7	4	19	0	5	5	1	Ma	Good	Weak	20-30	9	S	16.32	2.28	Circle	B
Position: Southern boundary		**Report:** A subsided whitebeam. The trunk leans 60 degrees to the east and returns to the vertical at 1.5m. Retain for its interest.																
		Recommendation:																
17	***Acer pseudoplatanus*** Sycamore	15	3	40.5	5	7	1.5	3	Ma	Good	Sound	>40	22	L	74.17	4.86	Circle	A
Position: Eastern boundary		**Report:** A healthy dominant sycamore, carrying a lot of light deadwood.																
		Recommendation:																
18	***Acer pseudoplatanus*** Sycamore	15	2	65	5	6	7	7	Ma	Good	Minor Faults	>40	22	L	191.0	7.8	Circle	A
Position: Eastern boundary		**Report:** A dominant sycamore. The trunk divides into many stems at 2-3m. For a high profile area, the crown would beneft from a thinning.																
		Recommendation: Lightly thin the number of stems by 10%.																

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19	***Sorbus aria*** Whitebeam	10	2	20	2	0	1	3	Ma	Fair	Sound	>40	9	S	18.09	2.4	Circle	C
Position: Eastern boundary		**Report:** A suppressed spindly specimen.																
		Recommendation:																
20	***Acer pseudoplatanus*** Sycamore	12	3	42	4	5	6	5	Ma	Good	Sound	>40	22	L	79.76	5.04	Circle	A
Position: Eastern boundary		**Report:** A dominant sycamore. The crown has a lot of light deadwood.																
		Recommendation:																
21	***Acer pseudoplatanus*** Sycamore	12	3	36	2	3	5	5	Ma	Good	Sound	>40	22	L	58.6	4.32	Circle	B
Position: Eastern boundary		**Report:** A healthy co-dominant tree with a lot of light deadwood in the crown.																
		Recommendation:																
22	***Sorbus aria*** Whitebeam	10	3	21	0.5	3	5	0	Ma	Good	Weak	20-30	9	S	19.94	2.52	Circle	C
Position: Eastern boundary		**Report:** A suppressed specimen. At 2.5m the trunk divides into 2 stems. The southern stem has a lesion, with exposed decayed heartwood. There are feeding holes from a woodpecker in the decay. An excellent wild life tree, which it would be prudent to monitor for further decline.																
		Recommendation:																
23	***Fraxinus excelsior*** Ash	15	3	41	5	5	6	6	Ma	Good	Sound	>40	23	L	76.01	4.92	Circle	A
Position: Eastern boundary		**Report:** A good specimen.																
		Recommendation:																
24	***Acer pseudoplatanus*** Sycamore	15	3	63	5	6	7	3	Ma	Good	Sound	>40	22	L	179.5	7.56	Circle	B
Position: Eastern boundary		**Report:** A dominant specimen. The trunk divides into innumerable stems at 2-3m. On the interior side of the major stems, there is a cluster of minor branches which are in varying states of dieback. This is the tree naturally pruning itself of unwanted branches. There are also a number of rubbing branches passing through the crown, west to east. These could potentially fall onto the public footpath.																
		Recommendation: Clean the lower half of the crown and remove the central branches that are crossing through the crown.																
25	***Acer pseudoplatanus*** Sycamore	15	3	46.5	5	5	5	5	Ma	Good	Sound	>40	22	L	97.77	5.58	Circle	A
Position: Eastern boundary		**Report:** An excellent specimen with light deadwood.																
		Recommendation:																

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26	***Castanea sativa*** Sweet chestnut	10	2	54	4	4	6	6	Ma	Good	Sound	>40	20	L	131.8	6.48	Circle	A
Position: Eastern boundary		**Report:** The first bough at 2m south has had the end broken off. There is heavy deadwood in the eastern half of the crown.																
		Recommendation: Remove first branch at 2m on the south side of the trunk.																
27	***Betula pendula*** Silver birch	12	4	31	2	4	4	0.5	Ma	Poor	Weak	10-20	14	S	43.45	3.72		R
Position: Eastern boundary		**Report:** In very poor condition. With all the bird boxes in the woodland, I would retain this tree as an ecopollard, to attract birdlife with the dead timber habitat, rather than fell it. There are bird feeders in several neighbouring trees.																
		Recommendation: The trunk divides into two stems at 4+m. Decapitate the trunk at 1m above the fork. Castellate the cut to make it look as though the trunk has snapped off. The southern fork should be cross cut 500mm lower and also castellated to make it look natural.																
28	***Acer pseudoplatanus*** Sycamore	12	3	32	3	4	2	4	Ma	Fair	Sound	>40	22	L	46.30	3.84	Circle	C
Position: Eastern boundary		**Report:** A healthy but suppressed specimen.																
		Recommendation:																
29	***Acer pseudoplatanus*** Sycamore	15	3	50	7	7	5	6	Ma	Good	Minor Faults	>40	22	L	113.0	6	Circle	B
Position: Eastern boundary		**Report:** The trunk divides into two stems at 2m with a short fault line on both sides of the cleft, but the stem division is exactly in the centre of the trunk and does not offset one stem weaker than the other. There is a rubbing bough at 3m which is potentially going to fuse. No work required.																
		Recommendation:																
30	***Acer pseudoplatanus*** Sycamore	15	3	42	3	7	8	4	Ma	Good	Sound	>40	22	L	79.76	5.04	Circle	A
Position: Eastern boundary		**Report:** A healthy young mature tree with a treehouse made of pallette and plywood.																
		Recommendation:																
31	***Acer pseudoplatanus*** Sycamore	10	3	18	2	2	2	2	Y	Good	Weak	>40	22	L	14.65	2.16	Circle	B
Position: Eastern boundary		**Report:** A self sown sycamore on the boundary line. A twin stemmed stool near the concrete fence.																
		Recommendation: Single the stool. Fell the stem on the fence side.																
32	***Acer pseudoplatanus*** Sycamore	13	2	46	5	2	6	6	Ma	Good	Sound	>40	22	L	95.68	5.52	Circle	A
Position: Eastern boundary		**Report:** A vigorous young mature tree.																
		Recommendation:																

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33	*Sorbus aria* Whitebeam	10	1.5	26	1	3	5	0.5	Ma	Good	Minor Faults	20-30	9	S	30.57	3.12	Circle	C
Position: Eastern boundary		**Report:** A fair specimen.																
		Recommendation:																
34	*Acer pseudoplatanus* Sycamore	15	2	62	6	5	6	6	Ma	Good	Sound	>40	22	L	173.8	7.44	Circle	A
Position: Eastern boundary		**Report:** Sycamore 34 has a stout trunk that divides into two stems at 2m with a strong division. A vigorous healthy young mature tree with prolific stool growth around the base.																
		Recommendation: Remove sucker growth from around the base.																
35	*Acer pseudoplatanus* Sycamore	11	0.5	" 50"	4	4	4	4	Mi	Good	Weak	>40	22	L	78.5	5		R
Position: Eastern boundary		**Report:** A tri-stemmed stool with weak structure. The sycamore is pressing against the fence.																
		Recommendation: Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.																
36	*Acer pseudoplatanus* Sycamore	6	1.5	10	1	2	1	1	Y	Good	Sound	>40	22	L	4.522	1.2	Circle	R
Position: Eastern boundary		**Report:** A self sown semi mature sycamore. This is a good young specimen. Either fell the sycamore saplings at 1m to the north and allow this tree to grow on, or fell it because it is pressing against the fence.																
		Recommendation:																
37	*Betula pendula* Silver birch	12	1.5	37	4	6	6	4	Mi	Good	Weak	20-30	14	S	61.90	4.44	Circle	C
Position: Eastern boundary		**Report:** A regen pollard which has been decapitated at 4-5m, circa 15 years ago. There are a series of cavities where the tree was cut back in the past. The first branch south, at 3m along its length, has vertical growth which will overload the bough. The tree is satisfactory for the present, but its retention value should be regarded as low.																
		Recommendation:																
38	*Sambucus nigra* Elder	5	2	" 40"	4	4	4	4	Ma	Good	Weak	20-30	7	S	50.24	4		R
Position: Eastern boundary		**Report:** A 5m high elder bush with a self sown wild cherry, semi mature, 1.5m to the west. The cherry is of poor form.																
		Recommendation: Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.																
39	*Acer pseudoplatanus* Sycamore	13	4	30	4	5	5	5	Ma	Good	Sound	>40	22	L	40.69	3.6	Circle	A
Position: Eastern boundary		**Report:** An excellent young mature specimen growing between the fences, but a good boundary tree.																
		Recommendation:																

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40	***Betula pendula*** Silver birch	10	1.5	31	4	4	6	4	Ma	Fair	Minor Faults	20-30	14	S	43.45	3.72	Circle	C
Position: Eastern boundary		**Report:** A satisfactory specimen																
		Recommendation:																
41	***Acer pseudoplatanus*** Sycamore	8	3	10	2	2	2	1	Y	Good	Minor Faults	20-30	22	L	4.522	1.2		R
Position: Eastern boundary		**Report:** A sycamore that is pressing against the steel paling fence.																
		Recommendation: Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.																
42	***Acer pseudoplatanus*** Sycamore	14	2.5	50	5	5	5	5	Ma	Good	Sound	>40	22	L	113.0	6	Circle	A
Position: Eastern boundary		**Report:** An excellent young mature specimen																
		Recommendation:																
43	***Acer pseudoplatanus*** Sycamore	11	4	12	1	2	3	1	Y	Good	Sound	>40	22	L	6.511	1.44	Circle	R
Position: Eastern boundary		**Report:** A semi mature sycamore growing up on the side of the crown of sycamore 42.																
		Recommendation: Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.																
44	***Sorbus aria*** Whitebeam	9	2.5	25	3	2	4	4	Ma	Good	Minor Faults	20-30	9	S	28.26	3	Circle	B
Position: Eastern boundary		**Report:** A satisfactory specimen.																
		Recommendation:																
45	***Acer pseudoplatanus*** Sycamore	10	4	12	1	2	2	2	Y	Good	Sound	>40	22	L	6.511	1.44	Circle	B
Position: Eastern boundary		**Report:** A young mature tree that will dominate the whitebeams on either side in the longer term. However they are likely to die off, as this tree reaches a dominant size.																
		Recommendation:																
46	***Sorbus aria*** Whitebeam	9	3	24	3	3	3	3	Ma	Good	Sound	20-30	9	S	26.04	2.88	Circle	B
Position: Eastern boundary		**Report:** A fair specimen.																
		Recommendation:																

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47	***Acer pseudoplatanus*** Sycamore	8	3	12	3	3	3	3	Y	Good	Sound	>40	22	L	6.511	1.44	Circle	A
Position: Bungalow entrance	**Report:** A self sown semi mature sycamore 1.5 m from the bungalow. It will make a good tree but in view of its position it is of inadequate age and size to complicate a development. **Recommendation:**																	
48	***Betula pendula*** Silver birch	20	1	44	5	5	5	3	Ma	Good	Sound	>40	14	S	87.54	5.28	Circle	A
Position: Upper southern boundary	**Report:** Satisfactory. **Recommendation:**																	
49	***Betula pendula*** Silver birch	17	2	29	3	3	4	2	Ma	Fair	Sound		14	S	38.03	3.48	Circle	A
Position: Upper southern boundary	**Report:** Satisfactory. **Recommendation:**																	
50	***Betula pendula*** Silver birch	13	2	23	3	3	3	3	Ma	Fair	Sound		14	S	23.92	2.76	Circle	B
Position: Upper southern boundary	**Report:** Satisfactory. **Recommendation:**																	
51	***Sorbus aria*** Whitebeam	5	1.5	33	5	2	5	3	Ma	Good	Sound	20-30	9	S	49.24	3.96	Circle	B
Position: Boiler house	**Report:** The tree has a 50 degree lean to the east. The crown is vertical, therefore the whitebeam subsided many years ago and is now stable. It is a healthy tree, despite infill of clinker waste around the base. **Recommendation:**																	
52	***Sorbus aria*** Whitebeam	6	2	42	4	4	4	4	Ma	Good	Sound	>40	9	S	79.76	5.04	Circle	B
Position: Boiler house	**Report:** An excellent mature whitebeam despite infill around the base and clinker waste being piled up around the base. **Recommendation:**																	

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53	***Acer pseudoplatanus*** Sycamore	10	3	" 30"	3	3	3	3	Y	Good	Weak	>40	22	L	28.26	3	Circle	C
Position:	Upper southern boundary	**Report:**		A generic entry for a holly screen. The hollies are 4m high. They are smooth leaved hollies. Holly often does not produce the prickly leaf, unless it is regularly trimmed. There are three sycamoe stools and two wild cherry stools, self sown within the holly screen. The sycamore stools are tri-stemmed and weak structured. As a group it would be better to redesign this screen than to thin it out, as there are plenty of sycamore on site. To add some species diversity would not go amiss.															
		Recommendation:																
54	***Malus cv*** Crab apple	5	1	12	5	1.5	3	4	Ma	Good	Sound	>40	10	S	6.511	1.44	Circle	A
Position:	Upper southern boundary	**Report:**		A good young mature specimen.														
		Recommendation:																
55	***Acer pseudoplatanus*** Sycamore	11	2.5	48	5	5	5	5	Ma	Good	Sound	>40	22	L	104.2	5.76	Circle	A
Position:	Rear entrance	**Report:**		An excellent specimen.														
		Recommendation:																
56	***Prunus avium*** Gean or wild cherry	6	2	18	3	3	3	1	Mi	Good	Sound	>40	17	M	14.65	2.16		R
Position:	Rear entrance	**Report:**		A self sown cherry abutting the fabric of the school.														
		Recommendation:		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														
57	***Prunus avium*** Gean or wild cherry	6	2	20	3	3	3	3	Mi	Good	Minor Faults	>40	17	M	18.09	2.4		R
Position:	Rear entrance	**Report:**		A second self sown wild cherry abutting the fabric of the school.														
		Recommendation:		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														
58	***Chamaecyparis lawsoniana*** Lawson cypress	10	0	" 50"	2.5	2.5	2.5	2.5	Mi	Good	Sound	>40	18	M	78.5	5	Circle	B
Position:	Rear entrance	**Report:**		A Lawson cypress growing on a raised mound with a retaining wall on the eastern side. A good multistemmed specimen.														
		Recommendation:																

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Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
59	***Acer pseudoplatanus***	6	2	"30"	2.5	2.5	2.5	2.5					22	L	28.26	3		R
	Sycamore	**Report:**		A weak multistemmed stool abutting the fabric of the building.														
Position:	Rear entrance	**Recommendation:**		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														
60	***Prunus sp***	6	3	35	3	3	3	3	Ma	Dead	Weak	<10	12	S	55.39	4.2		R
	Flowering cherry	**Report:**		Dead tree														
Position:	Upper eastern boundary	**Recommendation:**		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														
61	***Platanus x hispanica***	17	3	51	3.5	5	7	5	Ma	Good	Minor Faults	>40	26	L	117.6	6.12	Circle	A
	London plane	**Report:**		A large bough has been removed on the eastern side. The wound is callousing well. It has been crown lifted on the eastern side. Wounds including well. The tree is of strong vigour.														
Position:	Upper eastern boundary	**Recommendation:**		Shorten the roadside crown by 2m.														
62	***Platanus x hispanica***	12	3	36.5	2	1.5	4	5	Ma	Good	Minor Faults	>40	26	L	60.24	4.38	Circle	A
	London plane	**Report:**		A large bough has been removed at 2.5m east, occluding well.														
Position:	Upper eastern boundary	**Recommendation:**																
63	***Platanus x hispanica***	17	2	41	3	2	6	5	Ma	Good	Minor Faults	>40	26	L	76.01	4.92	Circle	A
	London plane	**Report:**		In good condition but the roadside crown is excessively long for the bore of the branches. This comment holds true for most of the trees in the London plane tree screen.														
Position:	Upper eastern boundary	**Recommendation:**		Lift the crown to 5m clear height over the road and shorten the roadside crown by 3m.														
64	***Platanus x hispanica***	17	2	41	2	2.5	6	5	Ma	Good	Minor Faults	>40	26	L	76.01	4.92	Circle	A
	London plane	**Report:**		In good condition.														
Position:	Upper eastern boundary	**Recommendation:**		Shorten roadside crown by 2m.														

SPECIES		MEASUREMENTS								CONDITION			POTENTIAL			PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
65	***Platanus x hispanica*** London plane	12	2	40	3	3	7	4	Ma	Good	Minor Faults	>40	26	L	72.35	4.8	Circle	A
		Report:		A bough has been removed from a cleft at 2.5m. The stub is preventing the wound callousing over. Otherwise in good condition.														
Position:	Upper eastern boundary	**Recommendation:**		Remove branch stub from cleft at 2.5m. Lift crown to 5m. Shorten roadside crown by 2m.														
66	***Platanus x hispanica*** London plane	12	2	40	3	3	7	4	Ma	Good	Minor Faults	>40	26	L	72.35	4.8	Circle	A
		Report:		In good condition.														
Position:	Upper eastern boundary	**Recommendation:**		Shorten roadside crown by 2m.														
67	***Platanus x hispanica*** London plane	12	2	39	3	3	7	5	Ma	Good	Minor Faults	>40	26	L	68.77	4.68	Circle	A
		Report:		In good condition. There are hung up dead branches in the roadside crown.														
Position:	Upper eastern boundary	**Recommendation:**		Clean crown and shorten roadside crown by 1m.														
68	***Prunus sp*** Flowering cherry	11	1.5	36	3	4	5	7	Ma	Good	Sound	>40	12	S	58.6	4.32	Circle	A
		Report:		In good condition.														
Position:	Upper eastern boundary	**Recommendation:**																
69	***Platanus x hispanica*** London plane	12	2	41	6	4	6	4	Ma	Good	Minor Faults	>40	26	L	76.01	4.92	Circle	A
		Report:		Crown raised on the fence side. In good condition. There is a lesion on the western side of the bole at 1.5-2m, which is occluding well.														
Position:	Upper eastern boundary	**Recommendation:**																
70	***Acer pseudoplatanus*** Sycamore	10	2	36	5	5	5	5	Ma	Good	Sound	>40	22	L	58.6	4.32	Circle	A
		Report:		An excellent young mature tree with sucker growth around the base.														
Position:	Upper eastern boundary	**Recommendation:**		Remove sucker growth.														

SPECIES		MEASUREMENTS								CONDITION			POTENTIAL			PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
71	*Acer pseudoplatanus* Sycamore	13	3	37	3.5	3.5	3.5	3.5	Ma	Good	Sound	>40	22	L	61.90	4.44	Circle	A
Position:	Upper eastern boundary	**Report:** An excellent young mature tree.																
		Recommendation:																
72	*Sorbus aria* Whitebeam	10	2	45	5	5	5	5	Ma	Good	Sound	>40	9	S	91.56	5.4	Circle	A
Position:	Upper eastern boundary	**Report:** A good specimen.																
		Recommendation:																
73	*Sorbus aria* Whitebeam	10	2	35	2	4	4	4	Ma	Good	Minor Faults	>40	9	S	55.39	4.2	Circle	B
Position:	North east grass area	**Report:** The trunk divides into three boughs at 2m. The eastern bough has a 500m lesion on the interior side with a branch stub, which is interfering with the callous growth.																
		Recommendation: Remove small branch stub from the eastern stem lesion, which is slowing down the callous growth.																
74	*Fraxinus excelsior* Ash	15	3	44	5	5	5	5	Ma	Good	Sound	>40	23	L	87.54	5.28	Circle	A
Position:	North east grass area	**Report:** A good young mature specimen, growing over the top of the neighbouring whitebeam. Ash are longer lived than whitebeam. There is extensive surface rooting and a large lesion 1m high, of 400m in width, on the north side of the trunk.The tree has accomodated the wound well. The surface rooting is likely to be a reaction to crown compaction.																
		Recommendation:																
75	*Sorbus aria* Whitebeam	10	2	32	4	4	4	4	Ma	Good	Sound	>40	9	S	46.30	3.84	Circle	B
Position:	North east grass area	**Report:** Satisfactory specimen.																
		Recommendation:																
76	*Fraxinus excelsior* Ash	15	2	55	6	6	6	6	Ma	Good	Sound	>40	23	L	136.8	6.6	Circle	A
Position:	North east grass area	**Report:** Satisfactory specimen.																
		Recommendation:																
77	*Sorbus aria* Whitebeam	6	2	41	4	4	4	4	Ma	Good	Sound	>40	9	S	76.01	4.92	Circle	A
Position:	North east grass area	**Report:** Satisfactory specimen.																
		Recommendation:																

SPECIES		MEASUREMENTS								CONDITION			POTENTIAL			PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
78	***Sorbus aria*** Whitebeam	7	2	35	4	4	4	4	Ma	Good	Sound	>40	9	S	55.39	4.2	Circle	A
Position: North east grass area		**Report:** A good specimen with extensive surface rooting.																
		Recommendation:																
79	***Populus nigra*** Black poplar	25	2	84	7	7	13	6	Ma	Good	Weak	>40	30	M	319.0	10.08	Circle	C
Position: North east grass area		**Report:** A very large mature black poplar with innumerable examples of storm damage in the crown. This is the norm for this species. Once they enter maturity, branches snap off in high winds and decay enters at the end of the broken branch.																
		Recommendation: Crown clean.																
80	***Acer pseudoplatanus*** Sycamore	10	4	38	5	5	5	5	Ma	Good	Sound	>40	22	L	65.29	4.56	Circle	A
Position: North east grass area		**Report:** A good young mature.																
		Recommendation:																
81	***Prunus sp*** Flowering cherry	12	2	81	6	6	6	6	Om	Good	Weak	20-30	12	S	296.7	9.72	Circle	B
Position: North east grass area		**Report:** Impressive large flowering cherry. The most southern bough has cracked in half at the base and extensive heartwood decay is visible from the ground. On the other side of the tree, the northwestern branch at the same height, circa 3m, has a massive wound 2m long, along the top of the bough, with exposed decayed heartwood. The living tissue is in the bottom half of the branch.																
		Recommendation: Carry out drill tests of the two suspect branches on the most southern bough at 3m and the northeastern branch at 2.5m. Alternatively both branches should be shortened by a half.																
82	***Prunus sp*** Flowering cherry	12	2	82	6	6	6	6	Om	Good	Weak	20-30	12	S	304.0	9.84	Circle	B
Position: North east grass area		**Report:** A second impressive large mature flowering cherry. The central stem at 3m has a lesion on the northwestern side which extends for almost 60% of the circumference. The first side branch, 600mm above the lesion, is dead, therefore this bough is of suspect structural integrity.																
		Recommendation: Carry out drill test of central vertical stem or reduce the top of the tree by 4m in height.																
83	***Prunus avium*** Gean or wild cherry	11	2	12	3	1.5	2	2	Mi	Good	Sound	>40	17	M	6.511	1.44	Circle	C
Position: Inner planting area		**Report:** There is extensive wounding at 1.3m. It is likely to relate to a tree tie injury. It is an indifferent specimen.																
		Recommendation:																
84	***Prunus avium*** Gean or wild cherry	10	3	10	3	3	1.5	3	Mi	Fair	Weak	20-30	17	M	4.522	1.2		R
Position: Inner planting area		**Report:** There is an extensive injury at 1.3-1.5m, where the trunk is nearly completely debarked. A poor specimen.																
		Recommendation: Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.																

SPECIES		MEASUREMENTS								CONDITION			POTENTIAL			PROTECTION		
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
85	***Prunus avium***	9	2	12	2	2	0	3	Mi	Good	Weak	20-30	17	M	6.511	1.44		R
	Gean or wild cherry	**Report:**		There is a minor injury at 1.3m. There is a weak fork at 1.8m.														
Position:	Inner planting area	**Recommendation:**		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														
86	***Crataegus monogyna***	10	2	10	1.5	1.5	1.5	1.5	Mi	Good	Sound	20-30	10	M	4.522	1.2	Circle	C
	Hawthorn	**Report:**		A spindly but satisfactory thorn.														
Position:	Inner planting area	**Recommendation:**																
87	***Prunus avium***	8	1.5	" 20"	1	3	3	3	Mi	Good	Weak	20-30	17	M	12.56	2		R
	Gean or wild cherry	**Report:**		The trunk divides into two stems at 600mm. There is extensive resin oozing from the cleft. The crack is actively opening and closing. The tree is structurally weak.														
Position:	Inner planting area	**Recommendation:**		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														
88	***Sorbus aria***	6	2	23	4	4	4	3	Ma	Good	Weak	20-30	9	S	23.92	2.76		R
	Whitebeam	**Report:**		Structurally weak.														
Position:	Inner planting area	**Recommendation:**																
89	***Sorbus aria***	6	2	34	5	5	5	5	Ma	Good	Minor Faults	>40	9	S	52.27	4.08	Circle	B
	Whitebeam	**Report:**		Satisfactory specimen.														
Position:	Inner planting area	**Recommendation:**																
90	***Robinia pseudoacacia***	12	3	52	6	6	7	4	Ma	Good	Sound	>40	16	M	122.3	6.24	Circle	B
	False acacia	**Report:**		Satisfactory specimen.														
Position:	Inner planting area	**Recommendation:**																
91	***Prunus sp***	5	2	13	3	3	3	3	Y	Good	Sound	>40	12	S	7.642	1.56	Circle	A
	Flowering cherry	**Report:**		Satisfactory specimen.														
Position:	Inner planting area	**Recommendation:**																

SPECIES		MEASUREMENTS								CONDITION			POTENTIAL			PROTECTION		
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area *Radius*	Root Prot. Area *Shape*	Ret Cat Grading
92	***Fraxinus excelsior*** Ash	20	3	80	10	8	7	7	Om	Fair	Dangerous	20-30	23	L	289.4	9.6	Circle	C
Position:	Inner planting area	**Report:**		An overmature or veteran specimen.The trunk divides into two stems at 3m. Both stems have substantial cavities. The north stem has a massive cavity at 4.5m. This tree has a very high ecological benefit. It is a potential bat roost in the large cavities but it is also poses a very high public liability, because it is near the playground.														
		Recommendation:		Bat survey and fell or bat survey and reduce the tree in size by 50%.														
93	***Acer spp.*** Maple	6	3	" 50"	4	4	4	4	Ma	Good	Weak	>40	20	L	78.5	5	Circle	B
Position:	Inner planting area	**Report:**		Satisfactory specimen.														
		Recommendation:																
94	***Chamaecyparis lawsoniana*** Lawson cypress	7	0	" 60"	1.5	1.5	1.5	1.5	Mi	Good	Minor Faults	>40	18	M	113.0	6	Circle	B
Position:	Reception entrance	**Report:**		A healthy semi mature golden cypress.														
		Recommendation:																
95	***Cedrus deodara*** Deodar cedar	5	0	" 70"	2	2	2	2	Mi	Good	Minor Faults		25	L	153.9	7	Circle	B
Position:	Reception entrance	**Report:**		A healthy Deodar cedar.														
		Recommendation:																
96	***Betula pendula*** Silver birch	7	3	21	3	2	3	2	Ma	Poor	Weak	20-30	14	S	19.94	2.52		R
Position:	Brookhill Road Boundary	**Report:**		A tree with poor form and low vigour. There are substantial caviities in the branch system.														
		Recommendation:		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														
97	***Acer pseudoplatanus*** Sycamore	6	0	20	2	2	2	2	Y	Good	Weak	20-30	22	L	18.09	2.4		R
Position:	Brookhill Road Boundary	**Report:**		A sycamore stool abutting overhead telephone pole. It has poor form and is in an awkward position.														
		Recommendation:		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														

SPECIES		MEASUREMENTS								CONDITION			POTENTIAL			PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
98	***Sorbus aria*** Whitebeam	10	2	26	4	4	4	4	Ma	Good	Minor Faults	>40	9	S	30.57	3.12	Circle	C
Position:	Brookhill Road Boundary	**Report:**		The trunk divides into a number of stems at 2m. A large stem has been removed from the centre of the crown. This will cause a pocket of decay and render the remaining branch system unstable in due course. The tree is satisfactory for the present.															
		Recommendation:																	
99	***Sorbus aria*** Whitebeam	5	2	25	4	4	4	4	Ma	Good	Minor Faults	>40	9	S	28.26	3	Circle	B
Position:	Brookhill Road Boundary	**Report:**		A good specimen with a 10 degree lean to the east.															
		Recommendation:																	
100	***Populus tremula*** Aspen	15	5	60	5	7	11	4	Om	Good	Dangerous	20-30	30	M	162.8	7.2		R
Position:	Eastern leg of poplar screen	**Report:**		The aspen divides into 3 massive boughs at 2m along an east west axis. The bottom eastern stem has torn off and fallen on the ground. The second eastern bough, just above it, has a partially calloused lesion halfway along its length and is likely to be cracked behind the callous growth. The central or western stem has suffered severe storm damage and lost substantial branches. The lower two thirds of its side branches are either storm stumps or cracked and hung up.															
		Recommendation:		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.															
101	***Populus nigra*** Black poplar	19	5	60	10	9	2	10	Ma	Good	Weak	20-30	30	M	162.8	7.2		R
Position:	Eastern leg of poplar screen	**Report:**		A generic entry for a screen of poplars, planted along the east west axis. The poplars are at a spacing of approximately 6m and the majority of the trees within this line have fared relatively well. Storm damage has affected almost all the trees that are exposed to westerly winds. The trees are of an age where they will start breaking up in high winds. It will tend to be a domino effect of one tree going, then the next and then the next. The preferable solution would be to interplant between these trees, with a view to felling the lot in 5-10 years time. The condition of the poplars is such that it would not be prudent to have children within the falling zone of these trees in very high winds. At the end of the shelter belt there is a second line of black poplars that have been planted in a north/south direction. The north/ south belt has suffered considerable storm damage. Most trees have either lost their tops or substantial branches in the lower two thirds of the crown. As the east/west axis poplars are breaking up regularly in high winds, it would be advisable to lower the entire block to say 15m in height. Interplant between the trees with a native species of large mature size. In 5-10 years time, fell the poplar standing stock. In order to create the appropriate spacing I would recommend removing 2 of the poplars be removed, in order to achieve a regular interspacing between the standing stock. Black poplar 101 has a substantial basal cavity.															
		Recommendation:		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.															

SPECIES		MEASUREMENTS							CONDITION				POTENTIAL		PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	*Root* Prot. Area	*Root* Prot. Area Radius	*Root* Prot. Area Shape	Ret Cat Grading
102	***Populus nigra*** Black poplar	21	3	56	8	5	10	1	Ma	Good	Minor Faults	20-30	30	M	141.8	6.72	Circle	C
		Report:		102 has a hung up broken branch														
Position:	Eastern leg of poplar screen	**Recommendation:**		Clean lower half of the crown.														
103	***Populus nigra*** Black poplar	22	3	40	7	5	5	1	Ma	Good	Minor Faults	20-30	30	M	72.35	4.8	Circle	R
		Report:		Fell to create planting space.														
Position:	Eastern leg of poplar screen	**Recommendation:**																
104	***Populus nigra*** Black poplar	23	3	55	4	8	7	5	Ma	Good	Minor Faults	20-30	30	M	136.8	6.6	Circle	C
		Report:		Satisfactory for the present.														
Position:	Eastern leg of poplar screen	**Recommendation:**																
105	***Populus nigra*** Black poplar	23	3	40	6	6	5	3	Ma	Good	Minor Faults	20-30	30	M	72.35	4.8	Circle	C
		Report:		Satisfactory for the present.														
Position:	Eastern leg of poplar screen	**Recommendation:**																
106	***Populus nigra*** Black poplar	23	3	40	5	5	5	1	Ma	Good	Minor Faults	20-30	30	M	72.35	4.8	Circle	R
		Report:		Fell to create planting space.														
Position:	Eastern leg of poplar screen	**Recommendation:**		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														
107	***Populus nigra*** Black poplar	22	3	40	5	5	6	1	Ma	Good	Minor Faults	20-30	30	M	72.35	4.8	Circle	C
		Report:		Satisfactory for the present.														
Position:	Eastern leg of poplar screen	**Recommendation:**																

SPECIES		MEASUREMENTS								CONDITION			POTENTIAL		PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
108	***Populus nigra*** Black poplar	22	3	40	5	4	4	1	Ma	Good	Minor Faults	20-30	30	M	72.35	4.8	Circle	R
		Report:		Fell to create planting space.														
Position:	Eastern leg of poplar screen	**Recommendation:**		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														
109	***Populus nigra*** Black poplar	21	3	56	4	7	4	5	Ma	Good	Weak	20-30	30	M	141.8	6.72		R
		Report:		The first major bough 2m south, at 5m, has snapped out and has weak regen growth. The whole of the top of the tree has snapped out in a gale. The remaining tree is likely to break up in high winds.														
Position:	Eastern leg of poplar screen	**Recommendation:**		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														
110	***Populus nigra*** Black poplar	21	3	50	6	4	4	4	Ma	Good	Minor Faults	20-30	30	M	113.0	6	Circle	C
		Report:		Satisfactory for the present.														
Position:	Eastern leg of poplar screen	**Recommendation:**																
111	***Populus nigra*** Black poplar	21	3	50	5	7	6	6	Ma	Good	Minor Faults	20-30	30	M	113.0	6	Circle	C
		Report:		Satisfactory for the present.														
Position:	Eastern leg of poplar screen	**Recommendation:**																
112	***Populus nigra*** Black poplar	18	3	50	5	8	7	5	Ma	Good	Weak	20-30	30	M	113.0	6	Circle	C
		Report:		Poplar 112 has suffered storm damage in the past and has many broken stems. In view of its position at the corner, retain by pruning, with a view to removal in the future.														
Position:	Farm lane embankment	**Recommendation:**		Reduce to 12m in height														
113	***Populus nigra*** Black poplar	19	3	40	5	3	7	5	Ma	Good	Minor Faults	20-30	30	M	72.35	4.8		R
		Report:		113 has suffered extensive strom damage. its position will compromise the interplant.														
Position:	Farm lane embankment	**Recommendation:**		Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.														

SPECIES		MEASUREMENTS							CONDITION			POTENTIAL			PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
114	***Populus nigra*** Black poplar	15	3	45	6	5	7	4	Ma	Good	Minor Faults	20-30	30	M	91.56	5.4	Circle	C
		Report: A multistemmed black poplar that has sufferd storm damage on the central stem.																
Position:	Farm lane embankment	**Recommendation:** Reduce crown to 12m.																
115	***Populus nigra*** Black poplar	17	3	50	6	6	10	5	Ma	Good	Weak	20-30	30	M	113.0	6	Circle	C
		Report: Suffered extensive storm damage with many hung up branches. It needs to be retained in order to keep up mass on border.																
Position:	Farm lane embankment	**Recommendation:** Reduce crown to 12m in height and clean crown of broken and hung up branches.																
116	***Populus nigra*** Black poplar	17	3	40	4	4	7	3	Ma	Good	Weak	20-30	30	M	72.35	4.8	Circle	C
		Report: A poplar that has suffered extensive storm damage. 4m to the south is an excellent semi mature oak. 4m to the south of 115 is another oak but it has been broken off, so that it is no more than an oak bush. A previous party has had similar thoughts about interplanting the poplars with oak.																
Position:	Farm lane embankment	**Recommendation:** Reduce crown to 12m and tidy up storm damage beneath.																
117	***Populus nigra*** Black poplar	16	3	50	6	4	6	3	Ma	Good	Weak	20-30	30	M	113.0	6	Circle	C
		Report: Extensive storm damage in the crown.																
Position:	Farm lane embankment	**Recommendation:** Reduce the crown to 12m.																
118	***Populus nigra*** Black poplar	12	2	40	5	3	6	4	Ma	Good	Minor Faults	20-30	30	M	72.35	4.8	Circle	C
		Report: One of the lowest poplars, due to the top snapping out in a previous storm. It is approximately 12m in height.																
Position:	Farm lane embankment	**Recommendation:** *Tidy up snags* and broken ends of branches from storm damage.																
119	***Populus nigra*** Black poplar	12	2	50	4	3	4	5	Ma	Good	Weak	20-30	30	M	113.0	6	Circle	C
		Report: Satisfactory for th epresent.																
Position:	Farm lane embankment	**Recommendation:**																

SPECIES		MEASUREMENTS								CONDITION			POTENTIAL		PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
120	***Populus tremula*** Aspen	12	3	40	6	3	7	4	Ma	Good	Minor Faults	20-30	30	M	72.35	4.8	Circle	C
	Report: A leaning specimen. Retain for the present until the interplant oaks have matured further.																	
Position: Farm lane embankment	**Recommendation:**																	
121	***Betula pendula*** Silver birch	5	1.5	12	2	1.5	2	2	Mi	Fair	Sound	>40	14	S	6.511	1.44	Circle	B
	Report: Low vigour but satisfactory.																	
Position: Farm lane embankment	**Recommendation:**																	
122	***Betula pendula*** Silver birch	7	3	15	3	3	3	2	Mi	Fair	Sound	20-30	14	S	10.17	1.8	Circle	B
	Report: Satisfactory.																	
Position: Farm lane embankment	**Recommendation:**																	
123	***Betula pendula*** Silver birch	5	1.5	20	4	4	4	4	Mi	Good	Minor Faults	20-30	14	S	18.09	2.4	Circle	B
	Report: Satisfactory																	
Position: Farm lane embankment	**Recommendation:**																	
124	***Acer pseudoplatanus*** Sycamore	12	3	40	5	5	4	4	Mi	Good	Sound	>40	22	L	72.35	4.8	Circle	B
	Report: A vigorous sycamore with two minor sucker satellite stems on the southern side of the bole.																	
Position: Farm lane embankment	**Recommendation:** Remove sucker stems.																	
125	***Acer pseudoplatanus*** Sycamore	10	3	40	5	5	4	4	Ma	Good	Sound	>40	22	L	72.35	4.8	Circle	B
	Report: Satisfactory.																	
Position: Farm lane embankment	**Recommendation:**																	

SPECIES		MEASUREMENTS								CONDITION		POTENTIAL			PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
126	***Betula pendula*** Silver birch	4.5	3	10	1	1	1	1	Mi	Poor	Sound	20-30	14	S	4.522	1.2	Circle	C
Position:	Farm lane embankment	**Report:**		Poor vigour.														
		Recommendation:																
127	***Acer pseudoplatanus*** Sycamore	5	2	50	3	3	3	3	Y	Good	Weak	>40	22	L	113.0	6	Circle	C
Position:	Farm lane embankment	**Report:**		A multistemmed sycamore stool.														
		Recommendation:		Single stool to central stem.														
128	***Sorbus aria*** Whitebeam	9	2	50	5	5	5	5	Ma	Good	Sound	>40	9	S	113.0	6	Circle	B
Position:	Farm lane embankment	**Report:**		An excellent whitebeam.														
		Recommendation:																
129	***Acer pseudoplatanus*** Sycamore	8	2	30	4	4	4	4	Mi	Good	Sound	>40	22	L	40.69	3.6	Circle	A
Position:	Farm lane embankment	**Report:**		An excellent sycamore.														
		Recommendation:																
130	***Acer pseudoplatanus*** Sycamore	11	3	45	5	5	5	5	Ma	Good	Sound	>40	22	L	91.56	5.4	Circle	A
Position:	Farm lane embankment	**Report:**		A good specimen.														
		Recommendation:																
131	***Acer pseudoplatanus*** Sycamore	11	3	40	4	4	4	4	Ma	Good	Sound	>40	22	L	72.35	4.8	Circle	A
Position:	Farm lane embankment	**Report:**		A good specimen.														
		Recommendation:																

SPECIES		MEASUREMENTS								CONDITION			POTENTIAL			PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
132	***Acer pseudoplatanus*** Sycamore	11	2	55	4	6	6	6	Ma	Good	Minor Faults	>40	22	L	136.8	6.6	Circle	B
Position: Farm lane embankment		**Report:** A good specimen.																
		Recommendation:																
133	***Sorbus aria*** Whitebeam	9	2	45	4	4	4	4	Ma	Good	Sound	>40	9	S	91.56	5.4	Circle	A
Position: Farm lane embankment		**Report:** A good specimen.																
		Recommendation:																
134	***Betula pendula*** Silver birch	12	3	20	4	2	4	2	Mi	Poor	Weak	20-30	14	S	18.09	2.4	Circle	C
Position: Farm lane embankment		**Report:** A poor specimen with a branch stub at 3m, and a short cracked branch at 1m. This tree is not a public liability risk and should be retained for wild life.																
		Recommendation:																
135	***Betula pendula*** Silver birch	10	2	40	5	5	6	3	Ma	Good	Weak	20-30	14	S	72.35	4.8	Circle	C
Position: Farm lane embankment		**Report:** A birch of strong vigour. There is a cosmetic wound on the north side of the stem at 0.5m.																
		Recommendation:																
136	***Acer pseudoplatanus*** Sycamore	6	3	20	3	3	3	3	Om	Good	Sound	>40	22	L	18.09	2.4	Circle	B
Position: Farm lane embankment		**Report:** A semi mature sycamore. There are 2 extensive scars on the trunk at 1.3 and 1.7m which are occluding.																
		Recommendation:																
137	***Acer pseudoplatanus*** Sycamore	6	3	30	1.5	1.5	1.5	1.5	Mi	Dead	Weak	<10	22	L	40.69	3.6		R
Position: Farm lane embankment		**Report:** Dead tree.																
		Recommendation: Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.																

SPECIES		MEASUREMENTS							CONDITION			POTENTIAL			PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
138	***Quercus robur*** English oak	6	1.5	15	4	2	3	2	Y	Good	Sound	>40	20	L	10.17	1.8	Circle	B
Position: Farm lane embankment		**Report:** An excellent semi mature oak.																
		Recommendation:																
139	***Quercus robur*** English oak	8	1	15	3	1	3	2	Y	Good	Sound	>40	20	L	10.17	1.8		R
Position: Farm lane embankment		**Report:** A subordiante oak to 138 only 1.5 m from 140. I would remove this tree to favour the oak 138.																
		Recommendation: Fell and grind stump to 200mm beneath ground level. Remove grindings and backfill with a reasonable soil.																
140	***Populus tremula*** Aspen	13	4	50	10	4	6	3	Ma	Good	Minor Faults	20-30	30	M	113.0	6		C
Position: Farm lane embankment		**Report:** The aspen is suppressing the neighbouring oaks and is of poor form. The alternatives are to crown lift on the northern side, to give space to oak 138, to grow on or to fell it.																
		Recommendation: Crown lift on oak 138 side or fell.																
141	***Betula pendula*** Silver birch	12	1.5	30	4	4	4	4	Ma	Good	Minor Faults	>40	14	S	40.69	3.6	Circle	B
Position: Farm lane embankment		**Report:** A good specimen.																
		Recommendation:																
142	***Betula pendula*** Silver birch	12	2	30	5	5	5	5	Mi	Good	Sound	>40	14	S	40.69	3.6	Circle	A
Position: Farm lane embankment		**Report:** One of the best specimens from a classic shape perspective on site.																
		Recommendation:																
143	***Acer pseudoplatanus*** Sycamore	10	3	40	4	4	4	4	Ma	Good	Sound	>40	22	L	72.35	4.8	Circle	A
Position: Farm lane embankment		**Report:** Satisfactory.																
		Recommendation:																

SPECIES		MEASUREMENTS								CONDITION			POTENTIAL		PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
144	***Fraxinus excelsior*** Ash	10	4	22	4	4	3	3	Mi	Good	Minor Faults	>40	23	L	21.88	2.64	Circle	B
	Report:	There is a lesion which has almost included at 3m on the north side of the stem.																
Position: Farm lane embankment	**Recommendation:**	Remove dead spike from the top of the lesion at 3.5m north to facilitate callousing.																
145	***Betula pendula*** Silver birch	10	3	21	3	2	2	2	Mi	Poor	Minor Faults	20-30	14	S	19.94	2.52		R
	Report:	A satisfactory specimen growing on the edge of the crown of the neighbouring specimen. I would fell this tree to promote the growth of the sycamore.																
Position: Farm lane embankment	**Recommendation:**	Fell and poison the stump.																
146	***Betula pendula*** Silver birch	10	4	25	4	4	4	0	Mi	Good	Minor Faults	>40	14	S	28.26	3	Circle	C
	Report:	Satisfactory specimen.																
Position: Farm lane embankment	**Recommendation:**																	
147	***Pinus sylvestris*** Scots pine	10	0.5	40	5	5	5	1	Ma	Good	Minor Faults	>40	20	L	72.35	4.8	Circle	C
	Report:	Black pine. A fair specimen.																
Position: Farm lane embankment	**Recommendation:**																	
148	***Betula pendula*** Silver birch	6	4	15	1	1	1	1	Mi	Poor	Weak	10-20	14	S	10.17	1.8	Circle	C
	Report:	Sickly specimen.																
Position: Farm lane embankment	**Recommendation:**																	
149	***Acer pseudoplatanus*** Sycamore	10	2	40	5	5	5	5	Ma	Good	Sound	>40	22	L	72.35	4.8	Circle	A
	Report:	Satisfactory.																
Position: Farm lane embankment	**Recommendation:**																	

SPECIES		MEASUREMENTS							CONDITION			POTENTIAL			PROTECTION			
Tree No.	Species	Height (m)	Height To First Branch	Trunk Diam (cm)	Crown Radius (m) North	South	East	West	Age Class	Phys.	Struct.	Contrib Life Exp	Species Mature Height (m)	Species Life Span (yrs)	Root Prot. Area	Root Prot. Area Radius	Root Prot. Area Shape	Ret Cat Grading
150	***Sorbus aria*** Whitebeam	6	2	40	5	5	5	5	Ma	Good	Sound	>40	9	S	72.35	4.8	Circle	A
Position:	Farm lane embankment	**Report:**		Satisfactory.														
		Recommendation:																
151	***Acer pseudoplatanus*** Sycamore	11	4	50	6	4	6	6	Ma	Good	Sound	>40	22	L	113.0	6	Circle	A
Position:	Farm lane embankment	**Report:**		Satisfactory.														
		Recommendation:																
152	***Acer pseudoplatanus*** Sycamore	10	2	30	3	3	5	5	Mi	Good	Sound	>40	22	L	40.69	3.6	Circle	B
Position:	Farm lane embankment	**Report:**		Satisfactory.														
		Recommendation:																
153	***Betula pendula*** Silver birch	11	1.5	" 50"	4	6	5	5	Ma	Good	Minor Faults	>40	14	S	78.5	5	Circle	B
Position:	Farm lane embankment	**Report:**		Satisfactory.														
		Recommendation:																

B1

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APPROX.
DIRECTION OF NORTH

Key

- High Quality Trees
- Moderate Quality
- Low Quality
- Remove Category
- Root Protection Zone
- Collective Group Root Protection Zone

PROJECT TITLE

Darton School
Darton, Barnsley

DRAWING TITLE

Sheet B1/B2 Trees Graded As Per BS5837

A Whitehead Associates Ltd

Unit 5, H W Baines Industrial Estate,
Fisher Green, Ripon, N Yorks. HG4 1NN

Tel 01765 69248 Fax 01765 690935

FILE NAME		SCALE	
DRAWN A Whitehead	DATE	CHECKED	DATE
DRAWING 5974 Sheet B		REVISION 1	DATE 26.02.09

UPPER FIELD LANE

B2