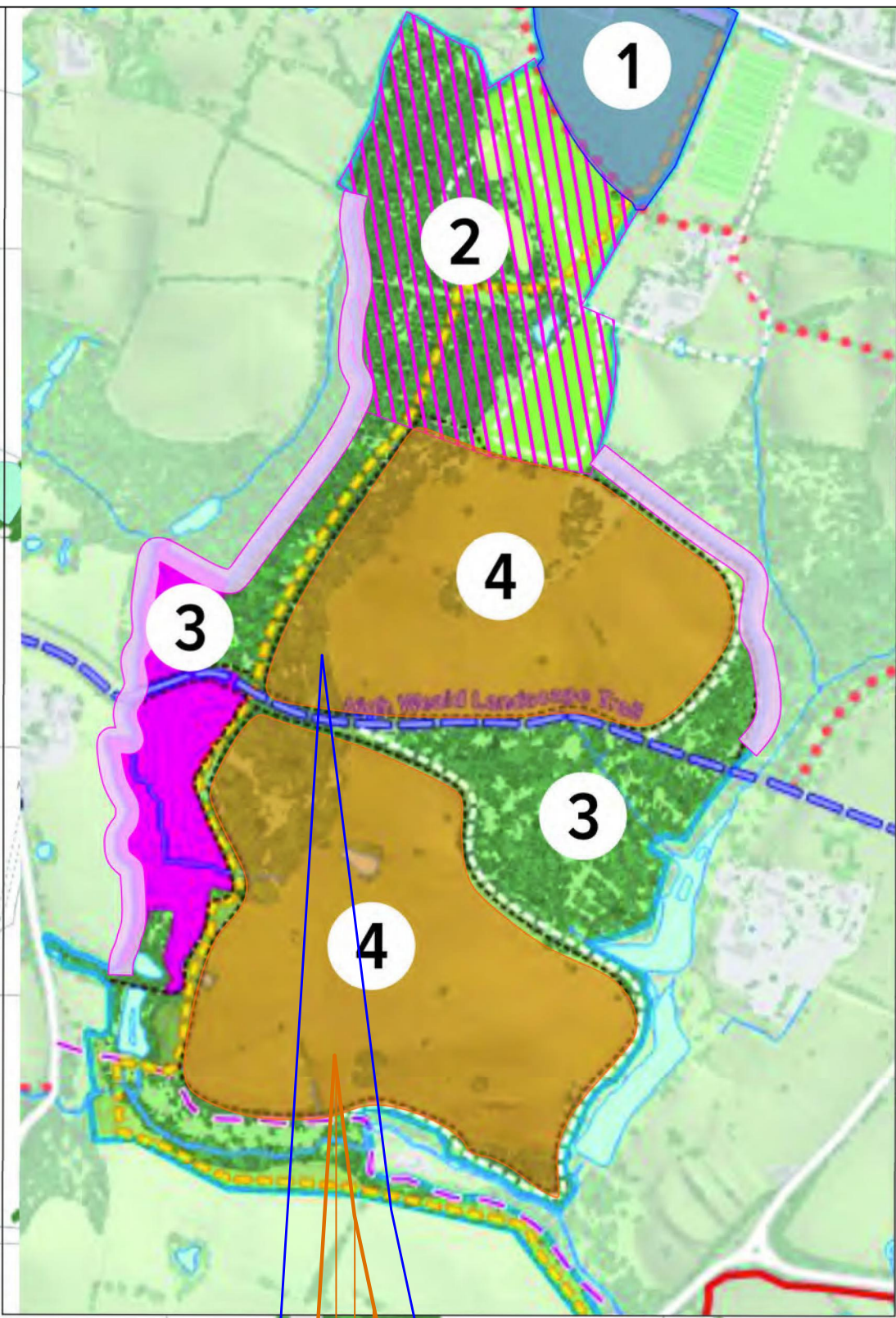




- Parkland Reserve
- Existing footpaths
- Existing bridleways
- Proposed footpath
- Proposed hoggan cycle path (see technical detail)
- Proposed hedge along Cuckfield Park (see technical detail)
- Proposed/repaired fencing (see technical detail)
- Viewing platform (see technical detail)
- Hides (see technical detail)
- Potential wayfinding signs/information boards (see technical detail)
- Ancient woodland with buffers - no access

- A Pedestrian/cycle stile (see technical detail)
- B Pedestrian stile (see technical detail)
- C Bridleway gate (see technical detail)
- D Dog/pedestrian gate (see technical detail)
- E Field gate (see technical detail)
- 1 Sports pitches & parking
- 2 Dog walking area - roam free access
- 3 Potential areas for informal access
- 4 Ecologically restricted zones

Arbortrack Systems Ltd
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Site: Beechy Bottom Parkland Reserve
Drawing Title: Tree Protection Plan
Appendix: A
1:2500@A0
Rev B, Nov 2023

- Key:
- Category A
 - Category B
 - Category C
 - Category U
 - Category
 - Crown Spread
 - Tree Number
 - Species
 - Category
 - NOTE: Tree group numbers marked with an 'x' have approximate locations. All locations are indicative.
 - MAGIC NFI ASNW
 - MAGIC Ancient Replanted Woodland
 - 15m buffer off ASNW and ARW
 - Plantation
 - Ground Protection
 - No Dig Construction or Ground Protection and No Dig (thereafter (minimum area required))

Do not scale from this drawing. Please check all dimensions on site and notify us of any discrepancies. This drawing was produced in colour. Do not rely on monochrome copies or those reduced in size. This drawing is copyright (Arbortrack Systems Ltd) and may not be used or changed without the written consent of Arbortrack Systems Ltd.

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

Appendix B

BS5837:2012 Tree Survey Schedule

Arbortrack Systems Ltd

07986 122074

Surveyor(s): James Bell

Ref: jwmb/rpt1/BBPR/AIAAMS



Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter	Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W										
1	Oak, English	20	8	12	7	9	2	1110 #	13.3	Mature	Moderate	Fair	B	2,3	20+	Stubs and snags Storm damaged tree No view of base; @ junction of field with footpath
2	Oak, English	14	8	8	6	6	1.75	840	10.1	Mature	Normal	Good	B	2	20+	<i>Fistulina tbc</i> Entry wounds Deadwood
H3	Mixed Broadleaves	8	2.5	2.5	2.5	2.5	0	250 #	3.0	Early Mature	Normal	Good	C	2	20+	Mostly hazel with ash, lime & field maple
4	Oak, English	12.5	7	5	5	5	2	750 #	9.0	Mature	Normal	Good	B	2	>40	Ivy smothered Remote survey [RS] Base obscured in brambles
H5	Mixed Broadleaves	6	2	2	2	2	0	110 #	1.3	Early Mature	Normal	Good	C	2	20+	Sallow with bramble smothered hawthorn
6	Willow, Sallow	12.5	7	6.5	6.5	6.5	3	600 #	7.2	Mature	Normal	Good	C	2	20+	6-7m beyond boundary RS
7	Oak, English	16	8	8	10	10	3.5	850 #	10.2	Mature	Normal	Good	B	2	>40	Ivy clad No view of base RS

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

Appendix B

BS5837:2012 Tree Survey Schedule

Arbortrack Systems Ltd

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Surveyor(s): James Bell

Ref: jwmb/rpt1/BBPR/AIAAMS



Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter	Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W										
8	Oak, English	14	10	12	7	7	3.5	850 #	10.2	Mature	Normal	Good	B	2	>40	Ivy clad No view of base RS
9	Ash, Common	15	3	12	12	10	2	986 #	11.8	Mature	Moderate	Fair	C	2	10+	Vulnerable to chalara Asymmetry (major) Ownership unclear
H10	Mixed Broadleaves	5	2	2	2	2	0	132 #	1.6	Early Mature	Normal	Fair	C	2	20+	Ash, holly, dog rose, spindle, hawthorn etc
11	Oak, English	18	6	6	11	11	4.5	1200	14.4	Mature	Moderate	Fair	B	2	20+	Dying back (uniform) Deadwood
12	Oak, English	19	7	8	7	7	2.5	1200 #	14.4	Early Mature	Normal	Good	A	1,2	>40	RS Offsite; no access to base
13	Ash, Common	18	6	3	4	4	4	610 #	7.3	Mature	Poor	Fair	C	2	10+	Ivy clad Advancing chalara tbc Deadwood; dying back (uniform)
14	Ash, Common	18	5	7	3	5	2.5	926	11.1	Mature	Poor	Fair	C	2	10+	Lapsed hedgerow coppice Advancing chalara tbc Fluxing @ base to W, decay in trunk @ 2.75m; occluded vertical crack: interesting body language; high bat roost potential; decay in crown

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

Appendix B

BS5837:2012 Tree Survey Schedule

Arbortrack Systems Ltd

07986 122074

Surveyor(s): James Bell

Ref: jwmb/rpt1/BBPR/AIAAMS



Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter	Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W										
15	Ash, Common	13	2.5	7	7	1	3	450	5.4	Early Mature	Moderate	Fair	C	2	10+	Asymmetry (major) Vulnerable to chalara Poor form
16	Oak, English	11	2	11	2.5	5	3	450	5.4	Early Mature	Normal	Fair	B	2	20+	Asymmetry (major) Suppressed by nearby tree
17	Ash, Common	22	5	5	7	3	5	1040	12.5	Mature	Poor	Poor	C	2	10+	Storm damage with decay Advancing chalara Decay @ base; bifurcation @ 3m;
18	Oak, English	18	8	11	7	7	3	720	8.6	Mature	Normal	Good	B	2	>40	Asymmetry (major)
19	Oak, English	22	9	13	9	7	3.5	1090	13.1	Mature	Normal	Good	A	1,2	>40	Fine tree
G20	Oak, English	9	3.5	3.5	3.5	3.5	1	250 #	3.0	Semi-mature	Normal	Good	B	2	>40	Plantation edge same age oak predominately
21	Oak, English	22	8	10.5	9	8	1.5	1280	15.4	Mature	Normal	Good	A	1,2	>40	Bifurcation @ 2.25m Buried water tank to S

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

Appendix B

BS5837:2012 Tree Survey Schedule

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Ref: jwmb/rpt1/BBPR/AIAAMS



Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter	Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W										
G22	Mixed Species	15	6	6	6	6	2.5	380 #	4.6	Early Mature	Moderate	Fair	C	2	10+	Predominantly ash with short useful life expectancy. Holly, holm oak, 2 x English oak & a post mature willow also present
23	Maple, Field	8	5	6	0	7	1.5	400 #	4.8	Mature	Normal	Fair	C	2	20+	Asymmetry (major)
24	Oak, English	22	12	8	7	7	6	1150 #	13.8	Mature	Normal	Good	A	2	>40	RS Stubs and snags Deadwood
G25	Ash, Common	14	11	2	1.5	8	2	687 #	8.2	Early Mature	Moderate	Fair	C	2	10+	Vulnerable to chalaras
H26	Mixed Broadleaves	7.5	2	2	2	2	0	135 #	1.6	Early Mature	Normal	Good	C	2	20+	Mostly blackthorn, hazel & ash
G27	Maple, Field	10	3	3	3	3	2.5	300 #	3.6	Early Mature	Normal	Good	C	2	20+	Row of 3 trees RS
G28	Ash, Common	15	7	7	4	4	2	580 #	7.0	Mature	Moderate	Fair	C	2	10+	Vulnerable to chalaras Row of 4 trees Eastern tree has <i>Inonotus</i> @ 2.25m

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

Appendix B

BS5837:2012 Tree Survey Schedule

Arbortrack Systems Ltd

07986 122074

Surveyor(s): James Bell

Ref: jwmb/rpt1/BBPR/AIAAMS



Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter		Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W											
29	Chestnut, Horse	18	10	10	6	6	1	1200		14.4	Mature	Normal	Fair	B	2	20+	Branch attachment wounds Bifurcation @ 2.25m
30	Ash, Common	18	3	7	6	5	2	420 #		5.0	Early Mature	Normal	Good	C	2	10+	Vulnerable to chalara
31	Oak, English	18	7	8	11	9	2.5	900 #		10.8	Mature	Normal	Good	B	2	>40	Stubs and snags Storm damaged tree RS
32	Sallow	12	3	8	3	4	2.5	450 #		5.4	Mature	Normal	Fair	B	2	20+	Asymmetry (major) RS
G33	Ash, Common	14	4	8	7	7	6.5	300 #		3.6	Early Mature	Poor	Poor	U		<10	Heavily infected with chalara
34	Chestnut, Horse	17	10	14	9	8	2.5	882 #		10.6	Mature	Normal	Good	B	2	20+	
G35	Pine, Scots	9	4	4	4	4	1.5	330 #		4.0	Early Mature	Normal	Good	B	2	20+	10 in group RS Landscape planting

Site: Beechy Bottom Parkland Reserve

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BS5837:2012 Tree Survey Schedule

Arbortrack Systems Ltd

07986 122074

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Ref: jwmb/rpt1/BBPR/AIAAMS



Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter	Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W										
W36	Mixed Broadleaves	21	4	4	4	4	0	850 #	10.2	Mature	Normal	Good	B	2	>40	Row of 9 mature ash near bridleway 2 oaks in a row of hazel: ASNW; mature ash also present (with chalara)
W37	Mixed Broadleaves	18	3	3	3	3	5	250 #	3.0	Early Mature	Normal	Fair	C	2	20+	Dense plantation of same age ash, sycamore, alder, sweet chestnut; ARW:
38	Oak, English	25	9	8	5	8	3	1100 #	13.2	Mature	Normal	Fair	B	2	>40	Storm damaged tree Deadwood RS; no access to base
39	Oak, English	19	6	8	9	3	2.5	1130	13.6	Mature	Normal	Fair	B	2	>40	Storm damaged tree; retrenching Deadwood Good ecology: bat roosts etc; 6m east of T38
40	Ash, Common	12	2	5	2.5	2.5	2	320	3.8	Early Mature	Moderate	Fair	C	2	10+	Asymmetry (major) Suppressed by nearby tree Chalara; 5m from T39
41	Oak, English	18	1.5	9	9	9	2	1000	12.0	Mature	Moderate	Fair	B	2	20+	A sparser than normal canopy Minor deadwood throughout Storm damaged; large wounds; bark wounds @ base; <i>Fistulina</i>
42	Oak, English	21	9	9	8	9	2.5	1160	13.9	Mature	Normal	Good	A	1,2	>40	Fluxing from decay pockets; good ecology

Site: Beechy Bottom Parkland Reserve

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Appendix B
BS5837:2012 Tree Survey Schedule

Arbortrack Systems Ltd

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Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter		Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W											
P43	Mixed Broadleaves	18	6	6	6	6	2	500	#	6.0	Early Mature	Moderate	Fair	B	2	20+	Chalara Dominated by ash with a few oak
44	Pine- Corsican	19	3.5	9	3	8	1.75	990		11.9	Mature	Normal	Fair	B	2	20+	Asymmetry (major) Leaning/weighted to S
G45	Ash, Common	11	1.5	1.5	4	4	1.75	280	#	3.4	Early Mature	Moderate	Fair	C	2	10+	Chalara #30m long row
46	Ash, Common	10	5	7	7	6	2	950	#	11.4	Post-Mature	Moderate	Fair	C	2	10+	Vulnerable to chalara Storm damage with decay RS; no view of base; several veteran characteristics
G47	Pine, Scots	11	4	4	7	4	1.5	350	#	4.2	Early Mature	Normal	Good	B	2	>40	Landscape planting Group of 3
G48	Mixed Broadleaves	20	9	8	7	8	2	550	#	6.6	Mature	Normal	Fair	B	2	20+	Landscape planting to either side of bridleway: English oak, Turkey oak, ash in plantation @ eastern end of row
49	Sycamore	13.5	4.5	7	7	5	4.5	830		10.0	Post-Mature	Moderate	Poor	C	2	10+	Decay in trunk Decay at trunk base Retrenching

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

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Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter		Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W											
50	Oak, English	8.5	4	4	4	4	1.5	350		4.2	Early Mature	Normal	Good	B	2	>40	
51	Oak, English	15	9	8	3	7	1.5	640		7.7	Early Mature	Normal	Good	B	2	>40	
52	Oak, English	15	7	7	8	2	1.5	750		9.0	Early Mature	Normal	Good	B	2	>40	
G53	Mixed Broadleaves	12	4.5	4.5	4.5	4.5	2	400 #		4.8	Early Mature	Moderate	Fair	C	2	20+	Oak, ash, cherry & hawthorn
G54	Chestnut, Horse	15	4	4	9	4	3.5	950 #		11.4	Post-Mature	Poor	Fair	C	2	10+	Further surveying required if target rating rises
55	Beech, Copper	20	8	7	7	7	2	810		9.7	Mature	Poor	Fair	C	2	10+	<i>Meripilus</i> High landscape value
56	Beech, Copper	20	6	7	7	6	2	790		9.5	Mature	Poor	Poor	C	2	10+	<i>Meripilus</i> & <i>Pholiota</i> High landscape value

Site: Beechy Bottom Parkland Reserve

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Appendix B

BS5837:2012 Tree Survey Schedule

Arbortrack Systems Ltd

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Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter	Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W										
G57	Pine, Scots	13.5	4	4	4	4	1.5	350 #	4.2	Early Mature	Normal	Good	B	2	>40	7 in group Landscape planting
58	Oak, English	20	14	16	13	12	3	1600 #	19.2	Veteran	Normal	Fair	A	1,2,3	>40	Hung-up (detached) branches Deadwood Pruning wounds; fine tree
59	Oak, English	18	12	12	8	8	2	1350 #	16.2	Mature	Normal	Fair	B	2	20+	Entry wounds on trunk Storm damage with decay RS
60	Beech, Common	17	10	8	8	8	2.5	1000 #	12.0	Veteran	Normal	Fair	B	2	20+	RS
G61	Chestnut, Sweet	14	7	7	7	7	3.5	1350 #	16.2	Veteran	Moderate	Fair	A	1,2,3	>40	Group of 7 Deadwood Exceptional
G62	Chestnut, Sweet	14	7	7	7	7	3.5	1350 #	16.2	Veteran	Moderate	Fair	A	1,2,3	>40	Group of 5 Deadwood Exceptional
63	Walnut, Common	10	6	4	4	4	2	650 #	7.8	Mature	Moderate	Fair	B	2	20+	Parkland tree

Site: Beechy Bottom Parkland Reserve

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Appendix B

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Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter	Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W										
64	Oak, English	7	2.5	2.5	2.5	2.5	1.75	290	3.5	Semi-mature	Normal	Good	B	1,2	>40	
65	Oak, English	11	6	5	5	7	1.75	640	7.7	Early Mature	Normal	Good	B	1,2	>40	Growing from remnant stump of forebear: interesting
66	Oak, English	15	7	9	11	5	2.5	1450	17.4	Mature	Normal	Good	B	2	>40	Storm damaged tree Good ecological value; detached fungal brackets around base
67	Beech, Common	23	11	8	7	9	1.5	1000 #	12.0	Mature	Normal	Fair	B	2	20+	Broken branches Hung-up (detached) branches
G68	Oak, English	14	6	7	8	8	1.5	480 #	5.8	Early Mature	Normal	Good	B	2	>40	2 trees in group
69	Wild Service Tree	9	4	2	5	5	1.5	320 #	3.8	Early Mature	Normal	Good	B	2	>40	Hung-up (detached) branches Damaged by failed oak to S
G70	Pine, Scots	7.5	3	3	3	3	2	280 #	3.4	Early Mature	Normal	Good	B	2	>40	4 trees in group Landscape planting

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

Appendix B

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Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter	Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W										
71	Beech, Common	24	4	7	10	12	2	1400 #	16.8	Veteran	Moderate	Poor	B	2,3	20+	Crown reduce/monolith to reduce likelihood of collapse
72	Oak, English	14	8	8	8	8	1	680	8.2	Mature	Normal	Good	B	2	>40	Broken branches
G73	Mixed Broadleaves	15	5	5	5	5	0.5	350 #	4.2	Early Mature	Normal	Fair	B	2	20+	Contiguous with W37 : ash, hazel, hornbeam, birch etc
G74	Mixed Broadleaves	12	4.5	4.5	4.5	4.5	1.5	480 #	5.8	Early Mature	Normal	Good	B	2		Mostly oak & sallow around old pond
75	Ash, Common	24	10	11	7	7	3.5	820	9.8	Mature	Normal	Good	C	2	10+	Vulnerable to chalara
76	Abies spp	22	4	4	4	4	6.5	580 #	7.0	Mature	Normal	Good	B	1,2	20+	RS
G77	Mixed Broadleaves	16	8	3.5	4	4	1.5	300	3.6	Early Mature	Normal	Fair	B	2	20+	Landscape planting 3 oak with a sweet chestnut & several ash

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

Appendix B

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Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter	Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W										
78	Sycamore	17	7	3	6	7	2	851 #	10.2	Mature	Normal	Fair	C	2	10+	Asymmetry (major) Included bark in main stem unions ? ownership: WSCC ?
79	Oak, English	18	9	11	9	9	2.5	1300 #	15.6	Mature	Normal	Good	A	1,2	>40	Fine tree MSDC owned
80	Oak, English	11	5	8	1	6	2.5	450 #	5.4	Early Mature	Normal	Good	B	2	20+	Asymmetry (major) MSDC owned
81	Oak, English	18	12	10	9	9	2.5	1400 #	16.8	Mature	Normal	Fair	A	2	>40	Decay in crown Minor deadwood MSDC owned; brambles around base; storm damaged;
82	Ash, Common	17	7	4	6	7	7	700 #	8.4	Early Mature	Moderate	Fair	C	2	10+	Early chalara RS
83	Oak, English	13	5	6	5	5	7	750 #	9.0	Early Mature	Normal	Good	B	2	>40	RS MSDC owned
84	Oak, English	13	11	8	8	9	2	780 #	9.4	Early Mature	Normal	Good	A	2	>40	RS MSDC owned

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Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter	Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W										
85	Oak, English	13	10	8	10	9	2	700 #	8.4	Early Mature	Normal	Good	A	2	>40	RS MSDC owned
86	Oak, English	15	8	2	8	8	2	680 #	8.2	Early Mature	Normal	Good	B	2	>40	RS Asymmetry (major) MSDC owned; 2nd trunk 1.5m to WSW SD = 350mm
87	Oak, English	15	3	6	7	7	2	680 #	8.2	Early Mature	Normal	Good	B	2	>40	Asymmetry (major) RS MSDC owned
88	Oak, English	15	5	9	8	8	4	480 #	5.8	Early Mature	Normal	Good	B	2	>40	Asymmetry (major) RS MSDC owned ; ivy clad
89	Oak, English	12	2	6	6	6	2	400 #	4.8	Early Mature	Normal	Good	B	2	>40	Asymmetry (major) RS MSDC owned ; ivy clad
90	Oak, English	12	4	6	2	7	2.5	400 #	4.8	Early Mature	Normal	Good	B	2	>40	Asymmetry (major) RS MSDC owned ; growing with a diseased ash; blackthorn hedge @ base
G91	Ash, Common	14	7	7	4	8	2.5	350 #	4.2	Early Mature	Moderate	Fair	C	2	10+	Reasonable vigour; very early chalara symptoms

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Tree No.	English Name	Height	Crown Spread				Ground Clearance	Stem Diameter	Protection Radius	Age Class	Growth Vitality	Structural Condition	B.S. Cat	Sub Cat	Useful Life	Comments
			N	S	E	W										
92	Oak, English	16	9	6	7	8	2	700	8.4	Mature	Normal	Good	B	2	>40	RS Minor deadwood
93	Oak, English	16	8	7	7	4	2	700	8.4	Mature	Normal	Good	B	2	>40	Asymmetry (major) Minor deadwood RS
94	Oak, English	16	2.5	5	2	6	3	700	8.4	Mature	Normal	Good	B	2	>40	Asymmetry (major) Minor deadwood RS; ivy smothered
G95	Mixed Broadleaves	6	2	2	2	2	0	75 #	0.9	Early Mature	Normal	Good	C	2	20+	Runs from 78 to G91 Blackthorn, holly, hawthorn, sycamore, rose hip, oak saplings; field maple, cherry, damson

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

Appendix B Recommended Tree Works

Arbortrack Systems Ltd

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Surveyor(s): James Bell

Ref: jwmb/rpt1/BBPR/AIAAMS



Tree No.	English Name	Height	Stem Diameter	Crown Spread				BS Cat	Sub Cat	Recommended Works	Comments / Reasons
				N	S	E	W				
H5	Mixed Broadleaves	6	110	2	2	2	2	C	2	Remove (partial) for cycle path	Sallow with bramble smothered hawthorn To permit development
9	Ash, Common	15	986	3	12	12	10	C	2	Monitor ongoing condition	Vulnerable to chalara Asymmetry (major) Ownership unclear Recommended husbandry 3
13	Ash, Common	18	610	6	3	4	4	C	2	Monitor ongoing condition	Ivy clad Advancing chalara tbc Deadwood; dying back (uniform) Recommended husbandry 3
14	Ash, Common	18	926	5	7	3	5	C	2	Monitor ongoing condition	Lapsed hedgerow coppice Advancing chalara tbc Fluxing @ base to W, decay in trunk @ 2.75m; occluded vertical crack: interesting body Recommended husbandry 3
15	Ash, Common	13	450	2.5	7	7	1	C	2	Monitor ongoing condition	Asymmetry (major) Vulnerable to chalara Poor form Recommended husbandry 3

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

Appendix B Recommended Tree Works

Arbortrack Systems Ltd

07986 122074

Surveyor(s): James Bell

Ref: jwmb/rpt1/BBPR/AIAAMS



Tree No.	English Name	Height	Stem Diameter	Crown Spread				BS Cat	Sub Cat	Recommended Works	Comments / Reasons
				N	S	E	W				
17	Ash, Common	22	1040	5	5	7	3	C	2	Veteranise if target rating rises; monitor 3 yrs	Storm damage with decay Advancing chalara Decay @ base; bifurcation @ 3m; Recommended husbandry 3
G33	Ash, Common	14	300	4	8	7	7	U		Monitor ongoing condition	Heavily infected with chalara Recommended husbandry 3
W37	Mixed Broadleaves	18	250	3	3	3	3	C	2	Cycle path to use existing glades; woodland management to include veteranisation of hybrid poplars	Dense plantation of same age ash, sycamore, alder, sweet chestnut; hybrid poplar; ARW: To facilitate development
40	Ash, Common	12	320	2	5	2.5	2.5	C	2	Monitor ongoing condition	Asymmetry (major) Suppressed by nearby tree Chalara; 5m from T39 Recommended husbandry 3
41	Oak, English	18	1000	1.5	9	9	9	B	2	Crown Lift to 5m	A sparser than normal canopy Minor deadwood throughout Storm damaged; large wounds; bark wounds @ base; <i>Fistulina</i>

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

Appendix B Recommended Tree Works

Arbortrack Systems Ltd

07986 122074

Surveyor(s): James Bell

Ref: jwmb/rpt1/BBPR/AIAAMS



Tree No.	English Name	Height	Stem Diameter	Crown Spread				BS Cat	Sub Cat	Recommended Works	Comments / Reasons
				N	S	E	W				
P43	Mixed Broadleaves	18	500	6	6	6	6	B	2	Monitor ongoing condition	Chalara Dominated by ash with a few oak Recommended husbandry 3
55	Beech, Copper	20	810	8	7	7	7	C	2	Further Investigation	<i>Meripilus</i> High landscape value Recommended husbandry 2
56	Beech, Copper	20	790	6	7	7	6	C	2	Further Investigation	<i>Meripilus & Pholiota</i> High landscape value Recommended husbandry 2
67	Beech, Common	23	1000	11	8	7	9	B	2	CCL Further Investigation	Broken branches Hung-up (detached) branches Recommended husbandry 2
75	Ash, Common	24	820	10	11	7	7	C	2	Monitor ongoing condition	Vulnerable to chalara Recommended husbandry 3

Site: Beechy Bottom Parkland Reserve

Date: 2nd November 2022

Appendix B Recommended Tree Works

Arbortrack Systems Ltd

07986 122074

Surveyor(s): James Bell

Ref: jwmb/rpt1/BBPR/AIAAMS



Tree No.	English Name	Height	Stem Diameter	Crown Spread				BS Cat	Sub Cat	Recommended Works	Comments / Reasons
				N	S	E	W				
78	Sycamore	17	851	7	3	6	7	C	2	Monitor ongoing condition	Asymmetry (major) Included bark in main stem unions ? ownership: WSCC ? Recommended husbandry 3
82	Ash, Common	17	700	7	4	6	7	C	2	Monitor ongoing condition	Early chalara RS Recommended husbandry 3

Appendix B

Notes on Tree Survey Schedule:

- **Height** describes the approximate height of the tree measured in metres from ground level.
- The **Crown Spread** refers to the crown radius in metres from the stem centre and is expressed as an average of **NSEW** aspect if symmetrical.
- **Ground Clearance** is the height in metres of crown clearance above adjacent ground level.
- **Clear Stem Height** is the distance between trunk base and first branch separation measured in metres.
- **Stem Diameter** is the diameter of the stem measured in millimetres at 1.5m from ground level for single stemmed trees. See section 4.6 for details of treatment for multistems.
- **Protection Radius** is a radial distance in metres measured from the trunk centre.
- **Growth Vitality** - **Normal** growth, **Moderate** (below normal), **Poor** (sparse/weak), **Dead** (dead or dying tree).
- **Structural Condition** - **Good** (no or only minor defects), **Fair** (remediable defects), **Poor** - Major defects present.
- **B.S. Category** refers to (British Standard 5837:2012 Table 1) and refers to tree/group quality and value; '**A**' - High, '**B**' - Moderate, '**C**' - Low, '**U**' - Unsuitable for Retention.
- **Sub Cat** refers to the retention criteria values where **1** is mainly **arboricultural** qualities, **2** is mainly **landscape** qualities and **3** is mainly **cultural** values including conservation.
- **Useful Life** is the tree's estimated remaining contribution in years.
- **First Significant Branch (FSB)** is the height of the first significant branch above ground level taken at the trunk separation point.

Notes on Recommended Tree Works:

- **1, 2, 3** Urgent (ASAP), Standard (6-12 months), Non-Urgent (2-3 years)
- **CB** Cut back to boundary/clear from structure
- **CL#** Crown lift to given height in meters
- **CT#%** Crown Thinning by identified %
- **CCL** Crown clean (remove deadwood/crossing & hazardous branches & stubs)
- **CR#%** Crown Reduce by given maximum percentage (of outermost branch & twig length)
- **DWD** Remove deadwood
- **Fell** Fell to ground level
- **FInv** Further Investigation (generally with decay detection equipment)
- **Pol** Pollard or re-pollard
- **Mon** Monitor ongoing condition (annually by staff/owners & every 2-3 years by consultant). Svr Ivy/Clr Bs Sever Ivy/clear base and re-inspect base/stem for concealed defects

Appendix C

1.0 Glossary of Terms

Canker	Disease damaged area of a tree, usually caused by fungus or bacteria.
Co-dominant Stem	A stem which has grown in direct competition to the main stem and which has formed a substantial size influencing the appearance of the tree.
Crown Lift	The removal of the lowest branches, usually to a given height. It allows more residual light and greater clearance underneath for vehicles etc.
Crown reduce	The reduction of a tree's height or spread while preserving its natural shape.
Crown thin	The removal of some of the density of a tree's crown, usually 5-25% allowing more light through its canopy and reducing wind resistance.
Deadwood	The removal of all dead, dying and diseased branches from a tree. Also, wood which is dead.
Dieback	Where branches are beginning to show signs of death usually at the tips in the crown.
Epicormic shoots	Small branches that grow in uncharacteristic clusters around the base or the stem of a tree, usually as a result of bad pruning or some other stress factor.
Formative pruning	The trimming of a tree to remove weaknesses and irregularities which may lead to problems. The formative pruning operation is aimed at reducing the potential for future weaknesses or problems within the tree's crown.
Included bark	Where the bark on two adjoining branches or stems is growing tightly together, forming a joint with limited physical strength.
Pollarding	A method of tree management in which the main trunk of the tree is cut at about 4m, and the resulting branches are then cropped on a regular basis.
Remedial pruning	The removal of old stubs, deadwood, epicormic growth, rubbing or crossing branches and other unwanted items from the tree's crown. Sometimes referred to as crown cleaning.
Topping	Topping is a form of pruning that removes terminal growth leaving a 'stub' cut end. Topping causes serious health problems to a tree.

2.0 General Guidelines

- 2.1 All work must be to BS 3998:2010 – Tree work - Recommendations
- 2.2 Staff carrying out the work must be qualified, experienced and ideally be Arboricultural Association approved contractors, and should be covered by adequate public liability insurance.
- 2.3 Any defects seen by a contractor or the client that were not apparent to the consultant must be brought to the consultant's attention immediately.
- 2.4 No liability can be accepted by the consultant in respect of the trees unless the recommendations of this method statement are carried out under the supervision of the designated arboriculturist.
- 2.5 It is advisable to have trees inspected by designated arboriculturist regularly. On this site it is recommended that these inspections are made every year.

Appendix D

'No Dig' Construction-Guidance Notes

- Install F4M Geotextile Separation Fabric over cleared levelled ground surface N.B. ensure that existing material is carefully removed and levels altered minimally: infill with salt free sharp sand where necessary.
- The cellular confinement system (e.g. 1 x 100 mm 'ProtectaWeb' (or equivalent) cellular confinement system subject to site requirements & manufacturer's recommendations) is then laid on the membrane and adjacent panels are stapled together. Place staking pins to maintain 'ProtectaWeb' cells open.
- Panels are then backfilled with 100mm depth of no-fines 20-40mm particle size stone (clean granular fill).
- The construction should ideally be undertaken between May and October when the ground is sufficiently dry to prevent compaction occurring. The sub-base should be flat, that is to say any small hollows should be filled with sharp sand to bring up to surrounding levels.
- The geotextile should be laid out and not trafficked across at any time.
- The 'ProtectaWeb' confinement system should be laid out and worked on as the contractor progresses across the length of the area. The panels are sequentially filled with the no-fines aggregate, each serving as a platform for the next section.
- There is no need at any time for the ground to be crossed by heavy traffic. The particles/gravel pieces are transported from the on site storage area over the freshly-laid confinement system BY WHEELBARROW and installed BY HAND. There will be no trespass on to the root protection area beyond the installation of the confinement system itself.
- The infill can then be rolled to compact the particles and create a tight interlock across the cells. The finished surface can then be laid on top. Again no fines material to be used: porous tarmac is recommended for this site given the level changes that are required.
- New kerb lines may be cast into the ProtectaWeb cells.
- During the main construction phase a wearing course should be placed over the 'ProtectaWeb' system.
- For technical data on the ProtectaWeb system always refer to the manufactures guidelines for design and implementation.

Further technical advice can be gained from the manufacturer(s) including Wrekin Products, Geosynthetics or Core LP.