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Wimbledon Park Lake Edge - Merton Council

Tree Survey

For: AELTC

TKC Ref: 38.08
May 2018

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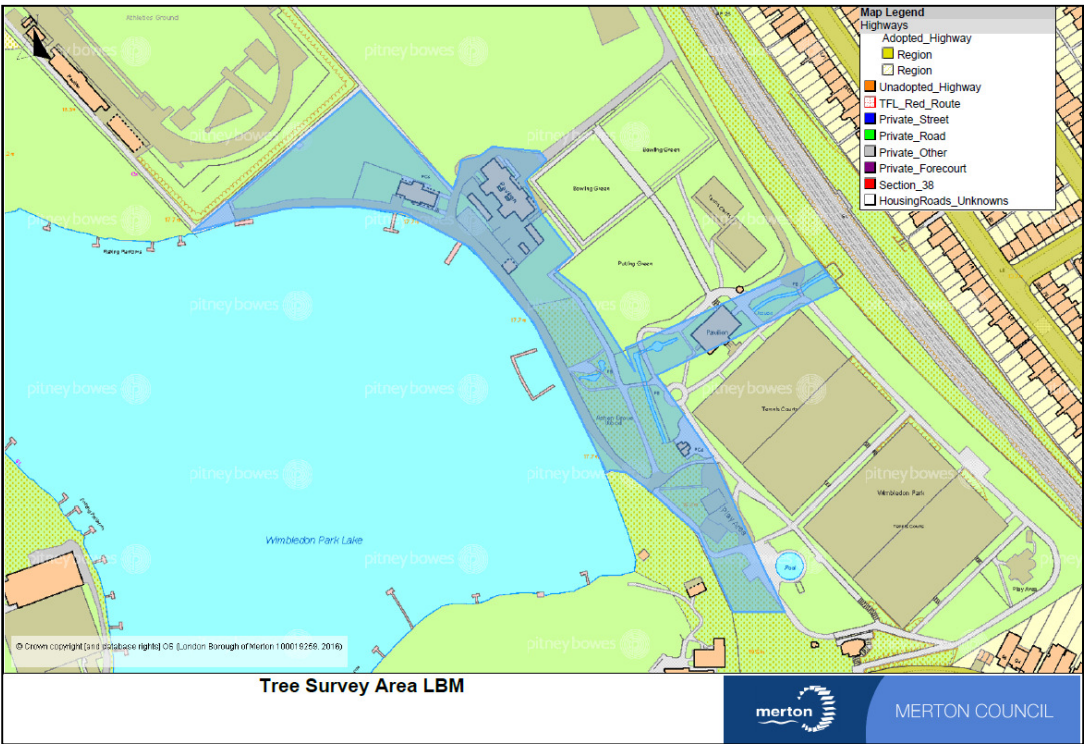
Appendix 1:Tree Quality Assessment Chart

Appendix 2:Tree Survey Data

Wimbledon Park tree survey

1. Introduction

- 1.1 Instructions were received from the All England Lawn Tennis Club, Wimbledon, to report on behalf of Merton Council on the condition of trees in that part of Wimbledon Park which is open to the public and owned by Merton Council.
- 1.2 The survey area was identified by Merton Council and includes all of the trees adjoining the lakeside and the strip of land adjacent to it, as well as those in the area of the cafe, eastwards to the park boundary with the railway.
- 1.3 The data recorded were those as in BS5837:2012.¹ The accompanying plan (38.08.01) is a Tree Constraints Plan in accordance with the British Standard.



- 1.4 The inspection was undertaken during April 2018. I am an independent Arboricultural Consultant with more than 37 years experience in the industry, I hold the Professional Diploma of Arboriculture and I am a Fellow of the Arboricultural Association.

¹ Trees in relation to Design, Demolition & Construction: Recommendations.

2. Discussion

- 2.1 The park is open to the public and is well frequented, especially in fine weather and by families. Many trees are present within the survey area, which contrasts with the open area to the north which is outside the survey area. The oldest trees are a small number of very old English Oaks which probably date from the landscaping of the park in the 19th century, and a small number of Weeping Willows (and others) along the lake edge, the age of which it is difficult to estimate.
- 2.2 In contrast, most of the other very many trees appear mostly to date from the last quarter of the 20th century. Many of these are now somewhat overcrowded and a reduction of their numbers might both improve the form of the best trees, and increase their life-spans by decreasing root competition. In some instances, the potential to remove trees to benefit the growth of other, better trees, has been noted in the schedule.
- 2.3 In the southern part of the survey area, the canopy of branches has largely closed. As a result little sunlight reaches the ground and the trees have no space to grow into, other than competing with each other in upward growth; for example high-value English Oak T123 adjacent to the lower-value Common Ash T124.
- 2.4 A number of Common Ash trees are present within the survey area. The Ash dieback disease was first recognised in the UK in 2012 and was spread throughout the UK by uncontrolled plant imports, although it is likely also to have arrived naturally in eastern England as wind-borne spores. There is some evidence to suggest that some clones of British trees may be more naturally resistant than those on the European mainland which could offer hope for longer-term replacement planting.
- 2.5 However, for now it would be an unsafe strategy to rely on the long-term retention or planting of Ash trees. Young trees are likely to die within a year or two after symptoms become apparent, older trees with larger branches are likely to regress gradually as branches are killed. There is no need to take action before the gradual advance of the disease causes trees to become structurally unsafe.



English Oak T46



(left to right) English Oak T42, Dawn Redwood T32 & Dawyck Beech T32



Flowering Cherry T86



Leyland Cypresses G1

3. Tree Survey criteria

- 3.1 Tree Number:** the trees are identified by their Tree Numbers given in the appended schedule (Appendix 2), and on the accompanying Tree Constraints Plan.
- 3.2 Species:** *SPECIES* is recorded giving the vernacular and scientific names.
- 3.3 Tree Height:** *TREE HEIGHT* was estimated with a clinometer.
- 3.4 Stem Diameter:** *STEM DIAMETER* is measured at 1.5m high and is rounded down, in centimetres.
- 3.5 Branch spread:** *BRANCH SPREAD* was estimated on the four compass points and is given in metres.
- 3.6 Lowest branches or Crown Height:** the lowest branches or the *CROWN HEIGHT*, is assessed approximately, in metres. Where the lowest significant branch occurs on one side of the tree only, this is noted in the schedule in the column "Side". Where the orientation is specified as "All", the lowest branches are evenly arranged around the tree.
- 3.7 Age code:**
- i. **Newly-planted (NP)** Planted within the last 5 years
 - ii. **Young (Y)** Well established trees which might be moved or easily replaced.
 - iii. **Semi-mature (SM)** Well established trees now growing strongly but not yet mature.
 - iii. **Early-mature (EM)** Mature trees less than one third life expectancy
 - iv. **Mature (M)** Trees between one third to two-thirds life expectancy.
 - v. **Over-mature (OM)** Trees of greater than two-thirds of anticipated life
- 3.8 Physiological condition** may be difficult to assess if trees are out of leaf in winter or in early leaf in the spring. The condition of the foliage in mid to late summer can be a good indicator of a tree's physiological condition, which is recorded as good, fair, poor or dead.
- 3.9 Structural condition** is recorded as good, fair or poor.
- 3.10 Life expectancy**
LIFE EXPECTANCY is recorded in years and is an approximate judgement of the likely useful life of the trees. The Standard suggests that 'A' class trees should have a minimum of 40 years safe useful life expectancy, 'B' class trees a minimum of 20 years safe useful life expectancy, and 'C' class trees a minimum of 10 years life.

3.11 Tree Quality Assessment

3.11.1 **The BS 5837:2012 tree quality assessment chart is included at Appendix 1 below and should be considered together with the following.** The

provisions of the chart may be summarised as:

Class A: Exceptionally good trees or arboricultural features with >40 years useful safe life.

Class B: Good trees with a minimum of 20 years useful safe life.

Class C: Unremarkable trees of limited merit. Minimum safe life of 10 years.

Class U: Unsuitable for retention. Likely to have <10 years useful safe life.

3.11.2 In addition to the provisions of the appended Chart **Intermediate classes** not given in the British Standard are used in this report as follows:

A/B: A good, or very good, tree. A-class trees are recognised as having particular and possibly indefinable qualities which make them special. These trees may or may not possess those qualities.

B/C: A good tree which is tending towards the average, or a good tree which might nonetheless be replaced within a reasonable number of years by new planting. These trees would normally not constrain the use of the site.

C/U: a tree which probably will attain 10 years useful safe life but one which is of such low value that it is barely worth retention, or the retention of which might have a negative landscape value.

3.12 Preliminary management requirements

General guidance is given regarding tree surgery that may be required and the condition of the trees was assessed only to establish their status within the planning system. The safety and condition of trees were not assessed in detail.

3.13 Root Protection Area

3.13.1 The Root Protection Areas are an estimation of the minimum area which a tree will require for continuing growth and is not a representation of the total extent of their roots.

3.13.2 The Root Protection Areas of trees classified A-C (Appendix 1) are given in the appended schedule (Appendix 2), and a circular RPA is shown on the Tree Constraints Plan which encompasses these areas.

4. The Tree Constraints Plan

4.1 The British Standard BS 5837:2012 recommends that a plan be provided showing the constraints upon development which the trees pose. The Tree Constraints Plan should show:

- the position of the trees.
- the shape of the crowns of the trees
- the recommended Root Protection Areas

4.2 Tree Quality Assessment

Details on Tree Quality Assessment from the British Standard can be found in the extract from BS5837: 2012 at Appendix 1. The slightly adapted methodology used in this report is included at section 3.11 above.

4.3 Root Protection Areas

Details of the Root Protection Area are given at section 3.13 above. The radii and area of the Root Protection Areas drawn as regular circles around the trees are given in the schedule of data at Appendix 2.

4.4 Shadow patterns

The shadow patterns have not been included.

A handwritten signature in blue ink, reading "Graham King". The signature is fluid and cursive, with the first name "Graham" being larger and more prominent than the last name "King".

Graham King MRAC, Dip.Arb.(RFS), F.Arbor.A.
6th May 2018

APPENDIX 1

BS5837:2012 Tree Quality Assessment Chart

(extract from BS 5837:2012)

Cascade chart for tree quality assessment

Category and definition

Criteria (including sub-categories where appropriate)

Trees unsuitable for retention (see Note)

Category U

Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years

- Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning)
- Trees that are dead or are showing signs of significant, immediate, irreversible decline
- Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality

Note: Category U trees can have existing or potential conservation value which it might be desirable to preserve. See 4.5.7

1. Mainly arboricultural values

2. Mainly landscape values

3. Mainly cultural values, including conservation

Trees to be considered for retention

Category A

Trees of high quality with an estimated remaining life expectancy of at least 40 years

Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. dominant and/or principal trees within an avenue)

Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features

Trees, groups or woodlands of significant conservation, historical, commemoration or other value (e.g. veteran trees or wood-pasture)

Category B

Trees of moderate quality with an estimated remaining life expectancy of at least 20 years

Trees that might be included in category A, but are downgraded because of impaired condition such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the A designation

Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality.

Trees with material conservation or other value

Category C

Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm

Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories

Trees present in group or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits

Trees with no material conservation or other cultural value

Wimbledon Park (Merton Council)
Tree inspection April 2018

- # = estimated
- DBH = Stem diameter at 1.5m high
- RPA = Root Protection Area
- Ch = Crown height
- PC = Physiological condition
- SC = Structural condition
- Qual code = Tree quality code
- RPA rad. = radius of root protection area drawn as a regular circle
- (20-40) = tree surgery, which may have to be recurrent, may be required

Works Priorities:

- 1: Work required immediately, within 7 days.
- 2: Work to be carried out without undue delay, preferably within 6 weeks.
- 3: Work necessary but not urgent. Recommended to be completed within 3 months.
- 4: Works required to correct defects, but not urgent. Recommended timescale of 12 months.
- 5: Works required for reasons of long term tree safety.
- 6: Works not required for reasons of tree safety. Usually these works are to improve the growth of individual trees, or of woodland.

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T1	English Oak (<i>Quercus robur</i>)	9	230	5	5	5	5	2	all	EM	F	G	40+	C1	2.8 m	24 sq.m
Description: Semi-fastigate.				▪ Preliminary works: None												
T2	English Oak (<i>Quercus robur</i>)	10	330	7	7	7	7	3	all	EM	G	F	(40+)	B1/C1	4.0 m	49 sq.m
Description: Dominant tree. The fork at 2m high may become in-grown.				▪ Preliminary works: None												

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T3	English Oak (<i>Quercus robur</i>)	11	350	7	7	7	7	3	all	EM	G	F	40+	B1	4.2 m	55 sq.m
Description: Better form than others around it.				▪ Preliminary works: None												
T4	English Oak (<i>Quercus robur</i>)	12	330	7	7	7	7	3	all	EM	G	G	40+	B1/C1	4.0 m	50 sq.m
Description: Less good form.				▪ Preliminary works: None												
T5	English Oak (<i>Quercus robur</i>)	10	280	5	5	5	5	2	all	EM	G	G	40+	B1	3.4 m	35 sq.m
Description: Good form.				▪ Preliminary works: None												
T6	Red Oak (<i>Quercus rubra</i>)	13. 5	410	8	8	8	8	3	all	EM	G	G	40+	B1	4.9 m	76 sq.m
Description: Growing more rapidly than adjacent English Oaks.				▪ Preliminary works: None												
T7	English Oak (<i>Quercus robur</i>)	8	250	4	4	4	4	2	all	EM	G	G	20-40	C1	3.0 m	28 sq.m
Description: Suppressed.				▪ Preliminary works: None												
T8	Red Oak (<i>Quercus rubra</i>)	12	330	6	6	6	6	3	all	EM	G	G	10-20	B1/C1	4.0 m	50 sq.m
Description: Suppressed on the east side by T9.				▪ Preliminary works: None												
T9	English Oak (<i>Quercus robur</i>)	15	500	9	9	9	8	3	all	EM	G	G	40+	A1	6.0 m	113 sq.m
Description: Dominant tree of good form.				▪ Preliminary works: None												
T10	English Oak (<i>Quercus robur</i>)	16	360	7	7	7	7	3	all	EM	G	G	20-40	C1	4.3 m	59 sq.m
Description: Suppressed.				▪ Preliminary works: None												
T11	Wild Cherry (or similar) (<i>Prunus avium</i>)	12	430	6	5	7	5	3	all	M	G	F	10-20	B1/C1	5.2 m	84 sq.m
Description: Previously reduced 3m below present top of crown.				▪ Preliminary works: None												
T12	Holm Oak (<i>Quercus ilex</i>)	7	240	4	4	4	4	2.5	all	EM	G	G	40+	B1/C1	2.9 m	26 sq.m
Description: Good form.				▪ Preliminary works: None												

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No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T13	Wild Cherry (or similar) (<i>Prunus avium</i>)												U	na	na	
Description: Extensive basal decay.				▪ Preliminary works: None												
T14	Wild Cherry (or similar) (<i>Prunus avium</i>)	9.5	370	5	5	5	5	3	all	M	G	F	10-20	B1/C1	4.4 m	62 sq.m
Description: Crown bias towards northeast.				▪ Preliminary works: None												
T15	Common Horse Chestnut (<i>Aesculus hippocastanum</i>)	7	200											U	na	na
Description: Of little consequence. Has been lopped.				▪ Preliminary works: None												
T16	Sycamore (<i>Acer pseudoplatanus</i>)	11												U	na	na
Description: Main fork at 60cm high is in-grown.				▪ Preliminary works: None												
T17	Common Ash (<i>Fraxinus excelsior</i>)	11												U	na	na
Description: Tangled and very poor form.				▪ Preliminary works: None												
T18	Willow (<i>Salix fragilis</i>) or similar	8												U	na	na
Description: Pollarded at 60cm high. The main fork is beginning to fail.				▪ Preliminary works: None												
T19	Common Ash (<i>Fraxinus excelsior</i>)	8												U	na	na
Description: Within the fence.				▪ Preliminary works: None												
T20	Common Ash (<i>Fraxinus excelsior</i>)	8												U	na	na
Description: Within the fence.				▪ Preliminary works: None												
T21	Common Alder (<i>Alnus glutinosa</i>)	13.5	460	6	4	6	6	4	all	EM/M	F	F	?10-20	C1	5.5 m	96 sq.m
Description: Possible bark stains on lower stem could indicate disease.				▪ Preliminary works: None												
T22	Silver Birch (<i>Betula pendula</i>)	12	270	4	3	4	3	3	all	EM/M	G	G	20-40	B1/C1	3.2 m	33 sq.m
Description: Greater potential than T23. Suppressed on E side.				▪ Preliminary works: None												

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T23	Common Ash (<i>Fraxinus excelsior</i>)	#16	410	6	7	6	4	4	all	EM/M	G	G	10-20	B1/C1	4.9 m	76 sq.m
Description: Possible Ash Dieback Disease.				▪ Preliminary works: None												
T24	Snowy Mespilus (<i>Amelanchier Canadensis</i>)	4	130	2.5	2.55	2.5	2.5	2	all	EM/M	G	G	10-20	C1	2.5 m	20 sq.m
Description: Of little consequence.				▪ Preliminary works: None												
T25	Wild Cherry (or similar) (<i>Prunus avium</i>)	6	200	5	5	5	5	2.5	all	EM/M	F	F	10-20	C1	2.5 m	20 sq.m
Description: Crown of reduced density.				▪ Preliminary works: None												
T26	Golden Rain Tree <i>Koelreutaria paniculata</i>	13	200	7	7	7	7	4	all	EM/M	G	G	20-40	B1	2.5 m	20 sq.m
Description: No significant defects observed.				▪ Preliminary works: None												
T27	Wild Cherry (or similar) (<i>Prunus avium</i>)	14	430	7	7	7	7	4	all	M	G	F	(20-40)	B1	5.2 m	84 sq.m
Description: Fungal sporophore at stem base on SW side.				▪ Preliminary works: None												
T28	Magnolia (<i>M. grandiflora</i>)	6	170	5	5	5	5	1.8	all	EM	G	G	10-20	B1/C1	2.5 m	20 sq.m
Description: Being entirely beneath the crown of (T29) a tree is not ideal for a Magnolia.											▪ Preliminary works: None					
T29	Flowering Cherry (<i>Prunus sp.</i>)	6.5	180	3.5	3.5	3.5	3.5	2	all	EM	G	G	20-40	B1/C1	2.5 m	20 sq.m
Description: Good tree.				▪ Preliminary works: None												
T30	Red Oak (<i>Quercus rubra</i>)	19	750	7	7	9	9	3.5	all	M	G	G	40+	B1	9.0 m	255 sq.m
Description: Good tree.				▪ Preliminary works: None												
T31	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	22	#800	9	9	9	9	8	all	M	G	G	40+	A1/B1	9.6 m	290 sq.m
Description: Good tree.				▪ Preliminary works: None												
T32	Common Beech 'Dawyck' (<i>F. sylvatica 'Dawyck'</i>)	21	#470	5	5	5	55	5	all	M	G	G	40+	B1	5.6 m	100 sq.m
Description: Good tree.				▪ Preliminary works: None												

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T33	Tulip Tree (<i>Liriodendron tulipifera</i>)	8	220	3	3	3	3	2.5	all	EM	F	F	10-20	C1/U	2.6 m	22 sq.m
Description: Very suppressed. Crown bias towards east.				▪ Preliminary works: None												
T34	Silver Birch (<i>Betula pendula</i>)	9	190	3.5	3.5	3.5	3.5	3	all	EM	G	G	20-40	B1/C1	2.5 m	20 sq.m
Description: Good form.				▪ Preliminary works: None												
T35	Elm (<i>Ulmus sp.</i>)	5												U	na	na
Description: Liable to die from disease.				▪ Preliminary works: None												
T36	Silver Birch (<i>Betula pendula</i>)	9												U	na	na
Description: Very suppressed.				▪ Preliminary works: None												
T37	Weeping Willow (<i>Salix sp.</i>)	12	670+400= 780	7	9	7	6	4	all	M/O M	G	F	(20- 40)	B1	9.4 m	275 sq.m
Description: Main stem forks at 50cm high. Former crown reduction. Wounds low on the stem are decaying. Attractive tree.				▪ Preliminary works: None												
T38	Weeping Willow (<i>Salix sp.</i>)	15	710	9	5	4	10	4	over path	M	G	F	(20- 40)	B1	8.5 m	228 sq.m
Description: Older tree of high amenity value.				▪ Preliminary works: None												
T39	Norway Maple (<i>Acer platanoides</i>)	13												U	na	na
Description: The bark of the main forks at 3m high are in-grown.				▪ Preliminary works: Fell within 5 years.												
T40	Silver Birch (<i>Betula pendula</i>)	9												U	na	na
Description: Very suppressed.				▪ Preliminary works: Fell when T39 is felled.												
T41	Lime (<i>Tilia sp.</i>)	15	460	7	7	7	7	3.5	all	M	G	G	40+	B1	5.5 m	96 sq.m
Description: Hung-up dead wood.				▪ Preliminary works: Remove dead wood. Works priority: 3												

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T42	English Oak (<i>Quercus robur</i>)	18	930	10	10	10	10	4.5	all	M	G	G	(40+)	A3/B3	11.2 m	391 sq.m
Description: Dead bark strip on west side associated with dead top of main stem. 1.2m-high regrowth from the truncated top. Good vitality.				▪ Preliminary works: None												
T43	Red Oak (<i>Quercus rubra</i>)	18	710	9	9	9	9	4.5	all	M	G	G	40+	B1	8.5 m	228 sq.m
Description: Good tree.				▪ Preliminary works: None												
T44	Red Oak (<i>Quercus rubra</i>)	6	130	3.5	3.5	3.5	3.5	3	all	EM	F	G	20-40	C1	2.5 m	20 sq.m
Description: Of little consequence.				▪ Preliminary works: None												
T45	Turkish Hazel (<i>Corylus colurna</i>)	13	300	3	5	6	5	3.5	all	M	G	G	20-40	B1	3.6 m	41 sq.m
Description: Good tree.				▪ Preliminary works: None												
T46	English Oak (<i>Quercus robur</i>)	13. 5	600	7	7	7	7	3.5	all	M	G	G	(40+)	B1	7.2 m	163 sq.m
Description: Previously heavily reduced. On lake edge. Significant decay of stem base on easy side.				▪ Preliminary works: Manage as a pollard.												
T47	Tree of Heaven (<i>Ailanthus altissima</i>)	15	440	8	8	8	8	4	all	M	G	G	20-40	B1	5.3 m	88 sq.m
Description: Good tree.				▪ Preliminary works: As Description above.												
T48	Norway Maple (<i>Acer platanoides</i>)	16. 5	420	8	8	8	8	4	all	M	G	G	20-40	B1/C1	5.0 m	80 sq.m
Description: Trees in this area are over-crowded. Recommend felling this tree to benefit the growth of the adjacent Weeping Willow and Oak T51.				▪ Preliminary works: As Description above.												
T49	Wild Cherry (or similar) (<i>Prunus avium</i>)	6												U	na	na
Description: Very suppressed.				▪ Preliminary works: None												

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T50	Norway Maple (<i>Acer platanoides</i>)	18	580	10	10	10	10	5	all	M	G	F	(20-40)	B1/C1	7.0 m	152 sq.m
Description: Main forks at 2.25m high tending to become in-grown. Dominant tree but T51 is better and this one could be removed to advantage.										▪ Preliminary works: As Description above.						
T51	English Oak (<i>Quercus robur</i>)	#18	460	7	9	10	7	6	all	EM/M	G	G	40+	A1	5.5 m	96 sq.m
Description: Good tree, becoming suppressed on the north side.										▪ Preliminary works: None						
T52	Weeping Willow (<i>Salix sp.</i>)	#14	570	8	6	1	11	6	over path	M	G	F	(20-40)	B1/C1	6.1 m	118 sq.m
Description: Competes with T51. Branches could subside/fail. Could be removed to advantage.										▪ Preliminary works: None						
T53	English Oak (<i>Quercus robur</i>)	9	#800	4	4	3	3	na	na	OM	P	F	10-20	B3	9.6 m	290 sq.m
Description: Barely alive and clinging to life. The stem base does not appear to be, or to sound, seriously decayed.										▪ Preliminary works: None						
T54	Norway Maple (<i>Acer platanoides</i>)	13	350	6	6	6	6	3.5	all	M	G	F/P	5-15	C1/U	4.2 m	55 sq.m
Description: The bark of the main fork at 2m high is becoming in-grown.										▪ Preliminary works: None						
T55	Norway Maple (<i>Acer platanoides</i>)	13	400	5	5	5	5	3.5	all	M	G	F/P	5-15	C1/U	4.8 m	72 sq.m
Description: The bark of the main fork at 1.2m high is becoming in-grown.										▪ Preliminary works: None						
T56	Willow (<i>Salix fragilis</i>) or similar	6												U	na	na
Description: Multi-stemmed bush.										▪ Preliminary works: None						
T57	Common Alder (<i>Alnus glutinosa</i>)	7												U	na	na
Description: Extensive basal decay.										▪ Preliminary works: None						
T58	Norway Maple (<i>Acer platanoides</i>)	#16	510	8	8	8	8	4	all	M	G	F	(20-40)	B1/C1	6.1 m	118 sq.m
Description: The bark of the main forks are becoming in-grown.										▪ Preliminary works: None						

Wimbledon Park
 For: Merton Council
 May 2018

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T59	Common Alder (<i>Alnus glutinosa</i>)	#14	280	5	2	5	2	5	all	EM/ M	F	F	10-20	C1	3.4 m	35 sq.m
Description: Suppressed by %58.				▪ Preliminary works: None												
T60	Caucasian Wingnut (<i>Pterocarya fraxinifolia</i>)	#13	230+290+ 210+220=4 80	5	6	5	7	3	all	EM/ M	F	F	10-20	C1	5.8 m	104 sq.m
Description: Of little consequence and crowds T51. Suckering vigorously.				▪ Preliminary works: None												
T61	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	10	# 300	3	6	3	6	3.5	all	EM	G	G	40+	B1	3.6 m	41 sq.m
Description: Suppressed by T62 on east side. Would improve if T62 were to be removed.										▪ Preliminary works: None						
T62	Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	11	300											U	na	na
Description: Twin-stemmed from 80cm high.				▪ Preliminary works: None												
T63	Norway Maple (<i>Acer platanoides</i>)	13	480	7	7	7	7	4	all	EM	G	G	20-40	B1	5.8 m	104 sq.m
Description: Heavily branched from 2.5m high.				▪ Preliminary works: None												
T64	Common Alder (<i>Alnus glutinosa</i>)	13	340	3	4	4	0	4	all	EM/ M	F	F/P	10-20	C1	4.1 m	52 sq.m
Description: Very suppressed especially on west side.				▪ Preliminary works: None												
T65	Silver Maple (<i>Acer saccharinum</i>)	15	390	6	7	4	4	3.5	all	EM/ M	F	F/P	10-20	C1/U	4.7 m	69 sq.m
Description: Poor form. Main stem has broken at 2m high and been suppressed by growth of a branch.				▪ Preliminary works: None												
T66	Norway Maple 'Crimson King' (<i>Acer platanoides</i>)	14	400	6	6	6	6	4	all	EM/ M	G	G	20-40	B1/C1	4.8 m	72 sq.m
Description: Growth somewhat crowded by T68.				▪ Preliminary works: None												
T67	Common Alder (<i>Alnus glutinosa</i>)	10											U	na	na	
Description: Very slender.				▪ Preliminary works: None												

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T68	London Plane (<i>Platanus x acerifolia</i>)	19.5	550	10	10	10	10	5	all	M	G	G	40+	A1/B1	6.6 m	137 sq.m
Description: Dominant tree in good condition.				▪ Preliminary works: None												
T69	Tree of Heaven (<i>Ailanthus altissima</i>)	15	380	5	8	4	4	4	all	EM/M	F	F	20-40	C1	4.6 m	65 sq.m
Description: Partly suppressed. Could be removed to benefit growth of nearby trees.				▪ Preliminary works: None												
T70	Tree of Heaven (<i>Ailanthus altissima</i>)	12.5	430	6	7	7	4	3.5	all	EM/M	G	G	20-40	B1/C1	5.2 m	84 sq.m
Description: Better than T69. Would benefit if T69 were to be felled.				▪ Preliminary works: None												
T71	Common Ash (<i>Fraxinus excelsior</i>)	21	790	10	10	10	10	4.5	all	M	F	F	?10-20	B1/C1	9.5 m	282 sq.m
Description: Large tree. Epicormic shoots forming within the crown. No significant defects observed.				▪ Preliminary works: None												
T72	Norway Maple (<i>Acer platanoides</i>)	7	#300	6	5	4	5	2	all	EM/M	G	G	20-40	C1	3.6 m	41 sq.m
Description: Partly suppressed by T71.				▪ Preliminary works: None												
T73	Silver Birch (<i>Betula pendula</i>)	16	370	6	6	6	6	5	all	M	G	G	20-40	B1	4.4 m	62 sq.m
Description: Good tree.				▪ Preliminary works: None												
T74	Norway Maple (<i>Acer platanoides</i>)	7	340	7	7	7	7	2	all	EM/M	G	F	(20-40)	B1/C1	4.1 m	52 sq.m
Description: Top-worked, bushy tree on a stem 2m high.				▪ Preliminary works: None												
T75	Manna Ash (<i>Fraxinus ornus</i>)	9	250	5	5	5	5	2	all	EM/M	G	G	10-20	B1/C1	3.0 m	28 sq.m
Description: Good tree.				▪ Preliminary works: None												
T76	Persian Ironwood Tree (<i>Parrotia persica</i>)	8	#300	4	4	4	4	1	all	EM/M	G	G	40+	B1/C1	3.6 m	41 sq.m
Description: Multi-stemmed bush, but effective as an under-storey shrub.				▪ Preliminary works: None												

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T77	Maple (<i>Acer sp.</i>)	6	150	3	3	3	3	2	ALL	EM/M	G	G	10-20	B1	2.54 m	20 sq.m
Description: Species not identified. Suppressed on N & S sides. Probably of reduced vitality.				▪ Preliminary works: None												
T78	Field Maple (<i>Acer campestre</i>)	12	250	4	6	5	3	2	all	EM	G	G	20-40	B1/C1	3.0 m	28 sq.m
Description: Somewhat suppressed.				▪ Preliminary works: None												
T79	Maple (<i>Acer sp.</i>)	14	320	6	5	7	4	2	all	EM	G	G	20-40	B1/C1	3.8 m	46 sq.m
Description: Species not identified. Suppressed by adjacent Birch tree.				▪ Preliminary works: None												
T80	Hawthorn (<i>Crataegus monogyna</i>)	8.5	#320	4	4	4	4	2	all	M	G	F	20-40	B1/C1	3.8 m	46 sq.m
Description: Good under-storey tree.				▪ Preliminary works: None												
T81	Magnolia (<i>Magnolia sp.</i>)	5	130	2	2	2	2	1.6	all	EM	G	G	20-40	C1	2.5 m	20 sq.m
Description: Satisfactory condition.				▪ Preliminary works: None												
T82	Magnolia (<i>Magnolia sp.</i>)	2.5	80	2	2	2	2	1	all	EM	G	G	20-40	C1	2.5 m	20 sq.m
Description: Satisfactory condition.				▪ Preliminary works: None												
T83	Dead tree													U	na	na
Description: Dead.				▪ Preliminary works: Fell												
T84	Flowering Cherry (<i>Prunus sp.</i>)	5	200	4	4.5	4	3	2	all	M	G	G	20+	B1/C1	2.5 m	20 sq.m
Description: Forks at 1.7m high. Satisfactory condition.				▪ Preliminary works: None												
T85	Flowering Cherry (<i>Prunus sp.</i>)	7	230	4	4	4	4	2.5	all	M	G	G	20+	B1/C1	2.8 m	24 sq.m
Description: Forks at 1.2m high. Satisfactory condition.				▪ Preliminary works: None												

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T86	Flowering Cherry (<i>Prunus sp.</i>)	6	410	4	4	4	4	2	all	,M	G	G	10-20	B1/C1	4.9 m	76 sq.m
Description: Older generation of Cherries than T84 & T85. Basal decay of branch on west side.				▪ Preliminary works: Monitor condition.												
T87	Flowering Cherry (<i>Prunus sp.</i>)	2.5												U	na	na
Description: Small sapling.				▪ Preliminary works: None												
T88	Narrow-leaved Ash (<i>Fraxinus angustifolia</i>)	13	300	6	6	6	6	2.5	all	M	G	F	10-20	B1/C1	3.6 m	41 sq.m
Description: Of good form. Disease-prone species/genus.				▪ Preliminary works: None												
T89	English Oak (<i>Quercus robur</i>)	13	360	6	8	6	7	3	all	EM	G	G	(40+)	B1/C1	4.3 m	59 sq.m
Description: Potentially good tree but suppressed by T90 which is probably going to be short-lived. Were T90 to be felled, T89 would probably slowly recover vitality, and form with some pruning. Worth keeping.				▪ Preliminary works: None												
T90	Common Ash (<i>Fraxinus excelsior</i>)	120	900	8	8	8	8	7	all	M/O M	F	?F	10-20	B1/C1	10.8 m	366 sq.m
Description: Vigorous epicormic shoots forming throughout crown, usually indicates declining vitality. Could be basal fungal decay. No significant defects observed but warrants further assessment.				▪ Preliminary works: Fully assess condition.												
T91	Flowering Cherry (<i>Prunus sp.</i>)	7												U	na	na
Description: Extensive decay of stem but low risk of injury or damage if tree were to fail.				▪ Preliminary works: Fully assess condition.												
T92	Flowering Cherry (<i>Prunus sp.</i>)	7	190	5	3	5	5	2	all	EM/ M	G	G	20-40	B1	2.5 m	20 sq.m
Description: Good, younger tree.				▪ Preliminary works: None												
T93	Flowering Cherry (<i>Prunus sp.</i>)	2.5	100	1	1	1	1	1.5	all	M	F	F	10-20	C1	2.5 m	20 sq.m
Description: Of little consequence. Of reduced vitality. Some dieback and basal bark damage.				▪ Preliminary works: None												

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T94	Flowering Cherry (<i>Prunus sp.</i>)	1.6	100	1	1	1	1	1.5	all	M	F	F	10-20	C1	2.5 m	20 sq.m
Description: Small tree.				Preliminary works: None												
T95	Flowering Cherry (<i>Prunus sp.</i>)	3.5	180	4	5	4	4	1.8	all	M	G	G	20-40	B1/C1	2.5 m	20sq .m
Description: Good tree.				Preliminary works: None												
T96	Silver Birch (<i>Betula pendula</i>)	16	240											U	100	1
Description: Very suppressed by Cypresses. Slender.				Preliminary works: None												
T97	Silver Birch (<i>Betula pendula</i>)	17	300	2	4	4	4	3	all	M	G	G	20-40	B1/C1	3.6 m	41 sq.m
Description: Good tree.				Preliminary works: None												
T98	Silver Birch (<i>Betula pendula</i>)	18. 5	360	6	6	6	6	3	all	M	G	G	20-40	B1	4.3 m	59 sq.m
Description: Good tree.				Preliminary works: None												
T99	Cherry Plum (<i>Prunus nigra</i>)	11	480	5	5	5	5	3	all	M/O M	F	F	10-20	B1/C1	5.8 m	104 sq.m
Description: Older tree, but effective. Various branches have been reduced.				Preliminary works: None												
T100	Cherry Plum (<i>Prunus nigra</i>)	10	500	3	5	3	5	3	all	M/O M	F	F	10-20	B1/C1	6.0 m	113 sq.m
Description: Older tree, but effective. Various branches have been reduced. Basal sporophore of decay fungus may not be significant.				Preliminary works: None												
T 101	Golden Rain Tree (<i>Koelreutaria paniculata</i>)	17	330	7	6	5	7	6	all	M	?	?	?	?	na	na
Description: Probably dead.				Preliminary works: Assess condition June 2018 and fell if dead. Works priority: 4												
T 102	London Plane (<i>Platanus x acerifolia</i>)	18	450	7	7	7	7	6	all	M	G	G	40+	A1/B1	5.4 m	92 sq.m
Description: Good tree in strategic (?) location.				Preliminary works: None												

Wimbledon Park
 For: Merton Council
 May 2018

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T 103	Silver Birch (<i>Betula pendula</i>)	16	250	4	4	4	4	3	all	EM/ M	G	G	40+	B1	3.0 m	28 sq.m
Description: Good tree.				▪ Preliminary works: None												
T 104	Silver Birch (<i>Betula pendula</i>)	12												U	na	na
Description: Of little consequence.				▪ Preliminary works: None												
T 105	Rowan (<i>sorbus aucuparia</i>)	3.5	70	0.5	0.5	0.5	0.5							Newly planted	2.5 m	20 sq.m
Description: Newly planted.				▪ Preliminary works: None												
T 106	Cherry Plum (<i>Prunus nigra</i>)	#9	400	4	4	4	2	4	all	M/O M	F	F	5-15	C1	4.8 m	72 sq.m
Description: Enveloped in tarmac and showing signs of stress.				▪ Preliminary works: None												
T 107	Cherry Plum (<i>Prunus nigra</i>)	#9	400	4	4	4	2	4	all	M/O M	F	F	5-15	C1	4.8 m	72 sq.m
Description: Enveloped in tarmac and showing signs of stress.				▪ Preliminary works: None												
T 108	Lawson Cypress (<i>Chamaecyparis lawsoniana</i>)	10	#500	5	5	5	5	0.8	all	M	G	F	20-40	B3	6.0 m	113 sq.m
Description: At first glance this is not a high value tree. However, it is much loved by children to climb a few feet from the ground, and it appears to present few risks thereby.				▪ Preliminary works: None												
T 109	Common Ash (<i>Fraxinus excelsior</i>)	20	670	8	8	8	8	5	all	M	G	G	10-20	B1/C1	8.0 m	203 sq.m
Description: Vigorous epicormic shoots forming throughout crown. No significant defects observed. Crown reduction may be appropriate in due course.				▪ Preliminary works: None												
T 110	Common Ash (<i>Fraxinus excelsior</i>)	19	470	8	8	8	8	7	all	M	G	G	10-20	B1/C1	5.6 m	100 sq.m
Description: Growing strongly. Forks at 2.5m high into goblet-shaped tree.				▪ Preliminary works: None												
T 111	Tree of Heaven (<i>Ailanthus altissima</i>)	18	600	8.5	8.5	8.5	8.5	7	all	M	?F	F	(20- 40)	B1	7.2 m	163 sq.m
Description: Long branches.				▪ Preliminary works: None												

Wimbledon Park
 For: Merton Council
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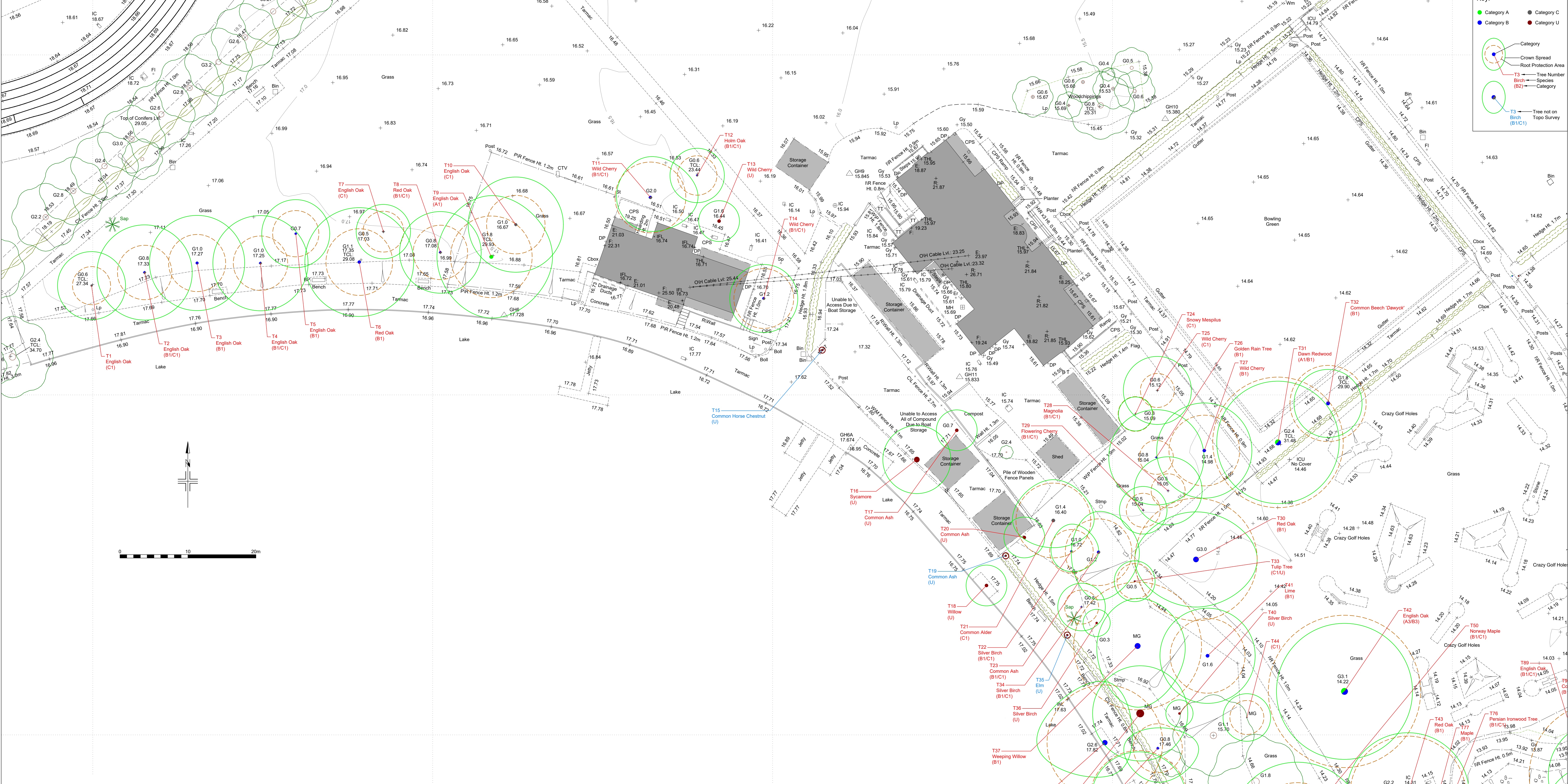
No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T 112	Foxglove Tree (<i>Paulownia involucrata</i>)	10	320	2	4	4	6	4	ALL	M	F	F	20-40	B1/C1	3.8 m	46 sq.m
Description: Of little consequence.				▪ Preliminary works: None												
T 113	London Plane (<i>Platanus x acerifolia</i>)	21	640	10	10	10	10	6	all	M	G	G	40+	A1/B1	7.7 m	185 sq.m
Description: Good tree.				▪ Preliminary works: None												
T 114	Common Alder (<i>Alnus glutinosa</i>)	16	230	1	4	4	4	7	all	M	F	F	20-40	C1	2.8 m	24 sq.m
Description: Slender, suppressed tree.				▪ Preliminary works: None												
T 115	Foxglove Tree (<i>Paulownia involucrata</i>)	16	290											U	na	na
Description: Very suppressed.				▪ Preliminary works: None												
T 116	Foxglove Tree (<i>Paulownia involucrata</i>)	#17	#500											U	na	na
Description: Massive bark damage low on main stem.				▪ Preliminary works: Fell. Works priority: 4												
T 117	Common Alder (<i>Alnus glutinosa</i>)	20											U	na	na	
Description: Extensive basal decay.				▪ Preliminary works: Fell. Works priority: 4												
T 118	Common Alder (<i>Alnus glutinosa</i>)	21	440+450= 630	8	4	8	8	6	all	M	G	G	20-40	B1	7.6 m	180 sq.m
Description: Dominant tree. Fork at 60cm high is potentially weak. Possible basal decay on west side.				▪ Preliminary works: Fully assess condition.												
T 119	Red Oak (<i>Quercus rubra</i>)	21	530	8	8	8	8	6	all	M	G	G	40+	A1/B1	6.4 m	127 sq.m
Description: Good tree. Dominant.				▪ Preliminary works: None												
T 120	Common Ash (<i>Fraxinus excelsior</i>)	15	250	6	3	5	4	4	all	EM	F	F	?	C1	3.0 m	28 sq.m
Description: Suppressed. Of little consequence.				▪ Preliminary works: None												
T 121	Common Alder (<i>Alnus glutinosa</i>)	13	410	6	6	7	6	3	all	EM/ M	G	G	10-20	C1	4.9 m	76 sq.m
Description: Suppressed. Could be removed to advantage.				▪ Preliminary works: None												

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T 122	Red Oak (<i>Quercus rubra</i>)	?18	370	8	1	1	8	4	SW	M	G	G	20-40	C1	4.4 m	62 sq.m
Description: Suppressed. Could be removed to advantage.				▪ Preliminary works: None												
T 123	English Oak (<i>Quercus robur</i>)	?25	1090	14	12	14	10	6	all	M	G	G	(40+)	A1/B1	13.1 m	538 sq.m
Description: Extended branches. No significant defects observed.				▪ Preliminary works: Consider crown reduction to reduce risk of branch loss.												
T 124	Common Ash (<i>Fraxinus excelsior</i>)	23	720	5	9	10	5	6	E	M	G	F	10-20	B1/C1	8.6 m	235 sq.m
Description: Probably has been reduced previously. Suppresses T123. Less valuable tree and could be removed to advantage.				▪ Preliminary works: Consider crown reduction.												
T 125	Common Ash (<i>Fraxinus excelsior</i>)	15	260	3	6	6	3	4	all	EM	F	F	10-20	C1	3.1 m	31 sq.m
Description: Suppressed tree. Of little consequence.				▪ Preliminary works: None												
T 126	Silver Maple (<i>Acer saccharinum</i>)	17	270	3	2	5	5	4	all	EM	F	F	10-20	C1	3.2 m	33 sq.m
Description: Suppressed tree. Of little consequence.				▪ Preliminary works: None												
T 127	Flowering Cherry (<i>Prunus sp.</i>)	8	#130	2	5	2	5	3	all	EM	F	F	20-40	B1/C1	2.5 m	20 sq.m
Description: Pleasant under-storey tree.				▪ Preliminary works: None												
T 128	Common Ash (<i>Fraxinus excelsior</i>)	16												U	na	na
Description: Previously topped and now decaying.				▪ Preliminary works: Fell Works priority: 4												
T 129	English Oak (<i>Quercus robur</i>)	#21	810	8	8	8	8	7	all	M	G	G	40+	A1/B1	9.7 m	297 sq.m
Description: Good tree.				▪ Preliminary works: None												
T 130	Field Maple (<i>Acer campestre</i>)	15	250	7	3	5	2	3	E	EM	G	F	10-20	C1	3.0 m	28 sq.m
Description: Useful under-storey tree.				▪ Preliminary works: None												

No.	Species	Ht (m)	DBH	Branch radius (m)				Low branch		Age	PC:	SC:	Life: (yrs)	Qual code	RPA	
				N	S	E	W	m	side						rad.	area
T 131	Common Ash <i>(Fraxinus excelsior)</i>	#18	490	7	7	10	7.5	5	all	EM/M	G	G	10-20	B1/C1	5.9 m	109 sq.m
Description: Growing quickly.				▪ Preliminary works: None												
T 132	Silver Maple <i>(Acer saccharinum)</i>	#15	380	6	7	8	6	6	E	EM/M	G	F	10-20	C1	4.6 m	65 sq.m
Description: Partly suppressed. Of little consequence.				▪ Preliminary works: None												

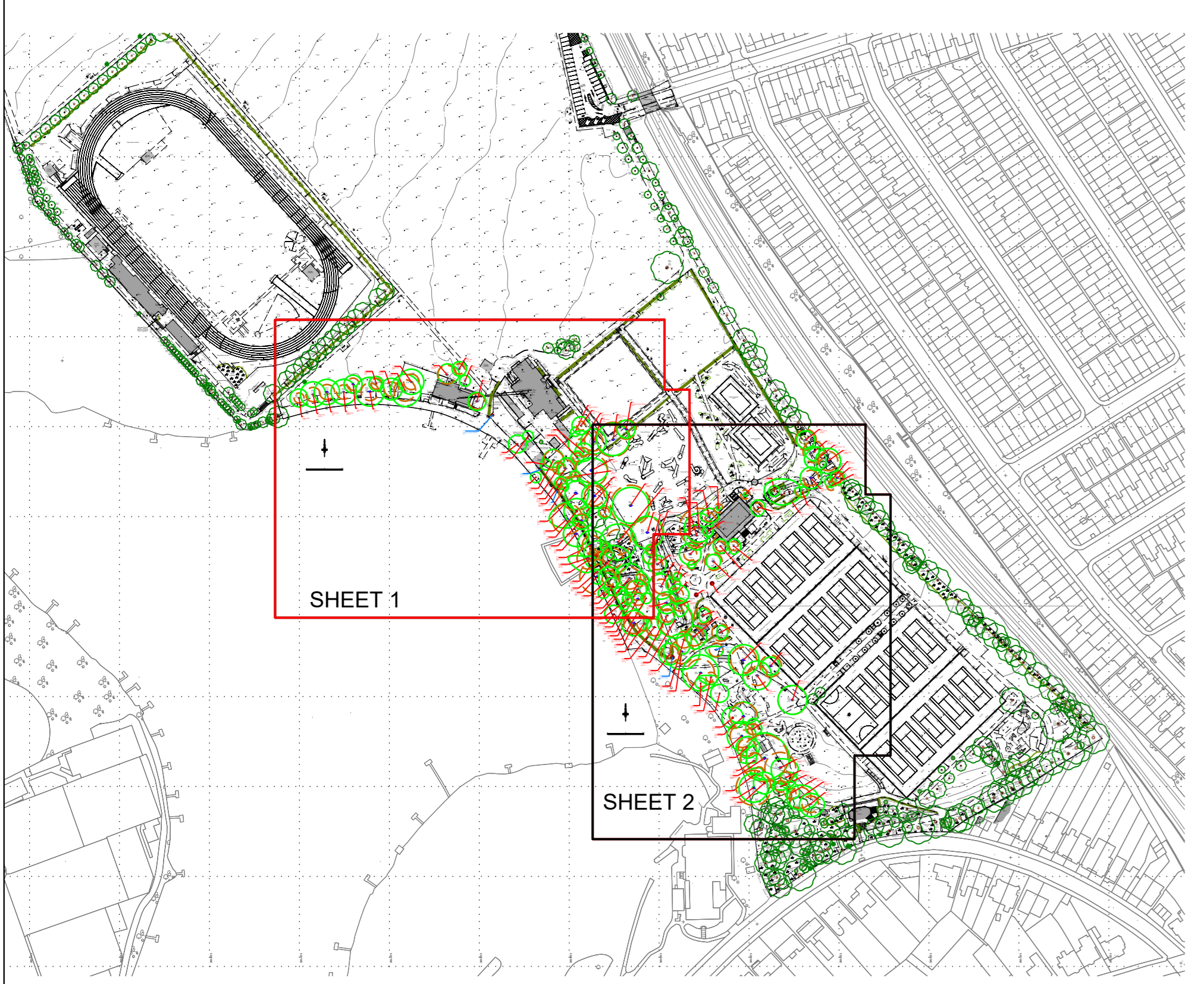
Schedule of data: Tree groups

Gp No.	Species	Avg. height (m)	Avg. stem dia. (mm)	RPA (m)	Life (yrs)	Qual code	Condition Management recommendations (in bold type)
G1	Leyland Cypress <i>(X Cuprocyparis leylandii)</i>	14			<10	U	Severely affected by <i>Coryneum Canker</i> .



Key

- Category A (Green circle)
- Category B (Blue circle)
- Category C (Red circle)
- Category U (Black circle)
- Category (Circle with dot)
- Crown Spread (Circle with dot)
- Root Protection Area (Circle with dot)
- T3 (Tree Number)
- Birch (Species)
- (C1) (Category)
- T3 (Tree not on Topo Survey)
- Birch (B1/C1)



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Revision	Date

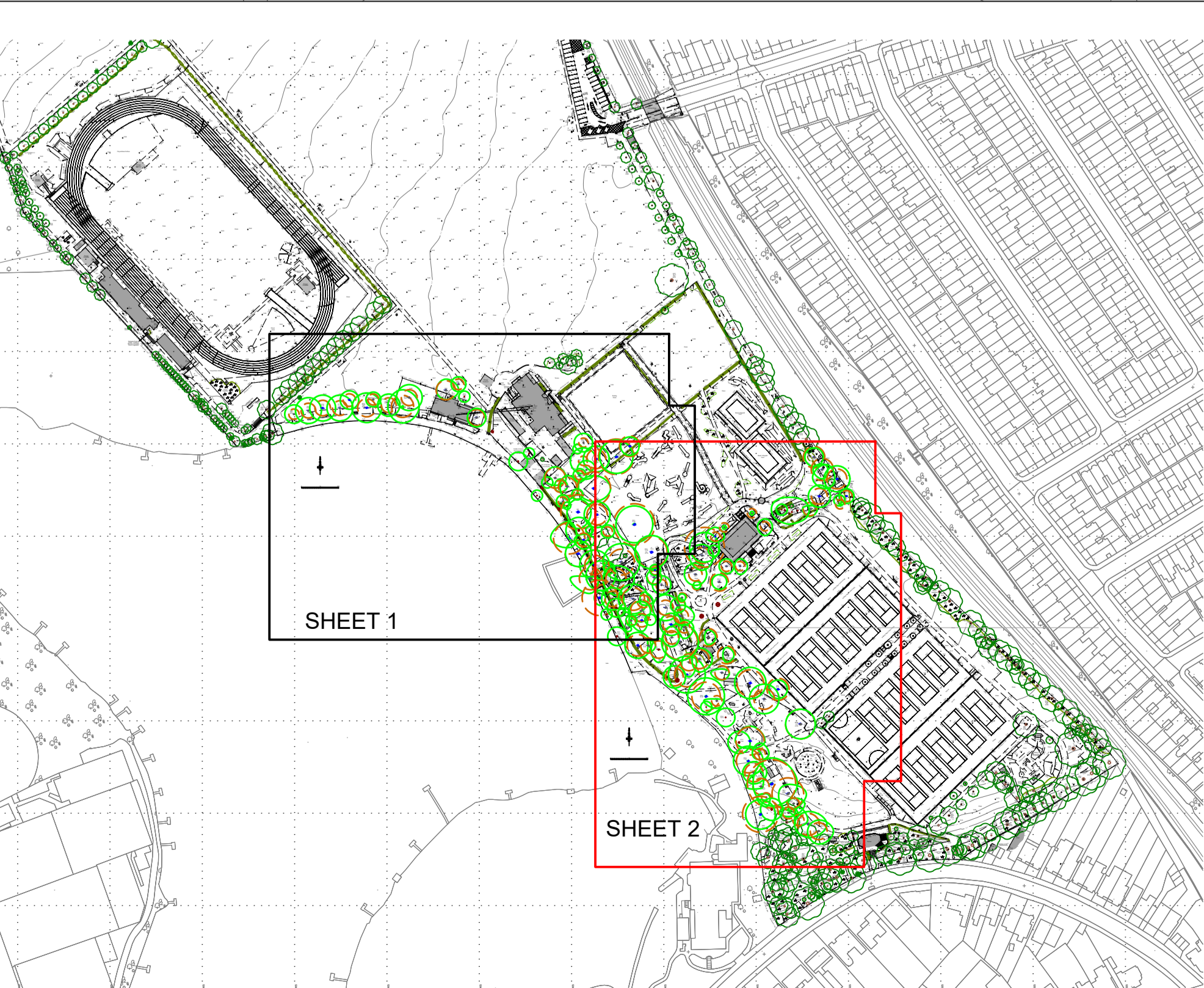
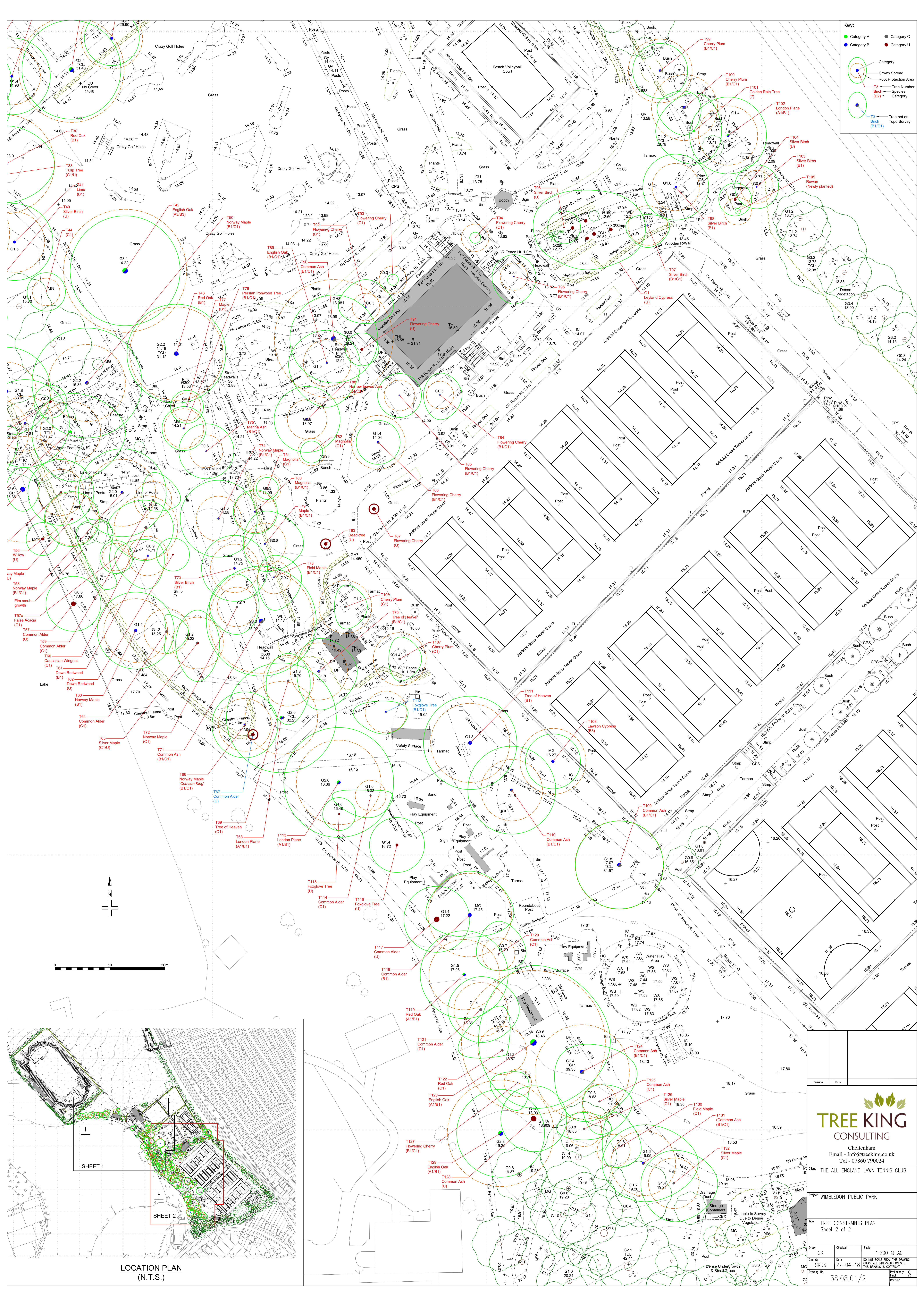
Client: THE ALL ENGLAND LAWN TENNIS CLUB

Project: WIMBLEDON PUBLIC PARK

Title: TREE CONSTRAINTS PLAN
 Sheet 1 of 2

Drawn	Checked	Scale	1:200 @ A0
SKDS	27-04-18	DO NOT SCALE FROM THIS DRAWING CHECK ALL DIMENSIONS ON SITE THIS DRAWING IS COPYRIGHT	

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THE ALL ENGLAND LAWN TENNIS CLUB

Project: WIMBLEDON PUBLIC PARK

Title: TREE CONSTRAINTS PLAN
 Sheet 2 of 2

Drawn	Checked	Scale	1:200 @ A0
SKDS	27-04-18	DO NOT SCALE FROM THIS DRAWING	DO NOT SCALE FROM THIS DRAWING
38.08.01/2			