

Sylva Consultancy
expert arboricultural advice

Arboricultural Health & Safety Report

Land in the ownership of The Abbey School
Kendricks Road
Reading
Berkshire
RG1 5DZ

June 2019

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1.0 Instructions

- 1.1 Instructions have been received to carry out a health and safety inspection on principle trees on land in the ownership of The Abbey School (Appendix 1).
- 1.2 This report advises on tree works in regard to both Health & Safety and Duty of Care obligations and makes recommendations, where appropriate regarding future management requirements.

2.0 Report limitations

- 2.1 The trees have been inspected using the Visual Tree Assessment Method (VTA) from ground level. This is a basic data collection exercise and a record of the tree's condition at the time of surveying. It must be noted that no soil excavations or root samplings have been taken for the purpose of this report.
- 2.2 Trees are living organisms whose health and condition can change rapidly. The health, condition and safety of trees should be checked on a regular basis, preferably at least once a year by a person competent in Arboriculture. In addition it is recommended that trees are assessed at different times of the year as different symptoms can manifest themselves during the different seasons.
- 2.3 The conclusions and recommendations in this report are valid for 2 years from the date of this report unless otherwise specified. This period of validity may be reduced in the case of any change in conditions to or in close proximity to the tree(s). There are no guarantees of absolute safety in the event of unusual or extreme weather.
- 2.4 A desk top study of information posted on Reading Borough Council's (RBC) website details that land located at the Hockey Pitches falls within Kendricks Road Conservation Area, with Kensington located within Christchurch Road Conservation Area.
- 2.5 In addition the website reveals that the Senior Site and Abbey Gardens are not located within Conservation Areas.
- 2.6 At the time of this report Reading Borough Council Tree Preservation Order directory indicates select trees within the grounds of Kensington and Abbey Gardens are subject to Tree Preservation Orders (TPO's), however no detailed information is currently available.
- 2.7 Before undertaking any work that may be recommended within this report, it is advisable to check direct with the appropriate Local Authority to determine which planning controls are in operation; written consent must be obtained for works on trees subject to a TPO and in the case of a Conservation Area six weeks' notice of intent must be forwarded before undertaking any such work. All tree works that may be recommended within this report should be carried out in accordance with British Standard 3998:2010 'Recommendations for Tree Works' and in compliance with good practice as promoted by the Forestry Industry Safety Accord.
- 2.8 A small number of trees have ivy present on the main stems and or within the canopy. Whilst it is acknowledged there are many benefits of retaining ivy, ivy has the ability to obscure defects. As such, where appropriate it has been recommended for the ivy to be severed and for the trees to be re-inspected to ensure that the trees are free from any significant defects or decay.

3.0 Findings

3.1 Overview

3.1.1 Instructions were received to inspect principle trees at The Abbey School, Reading (Tree Survey Sheets Appendix 3, Tree Location Plans Appendix 4). Where remedial works have been identified trees that require work have been assigned a category code in order to determine when the recommended works should be carried out. Please refer to the Tree Survey Data Key for time scales. Tree works schedules are listed at Appendix 5.

3.1.2 Of the six sites in ownership of the School four sites have trees present with the tree numbering as follows:

1. The Senior Site: Trees T1 – T8 & Group G1.
2. Hockey Pitches: Trees T9 – T13 & Groups G2, G3, G4 & G5.
3. Kensington: Trees T14 – T47 & Groups G6, G7, G8 & G9
4. Abbey Gardens: Trees T48 – T79 & Group G10 & Hedge H1.

3.1.3 No significant trees are present at the following locations:

- The Abbey School Nursery
- Sports field to the east of Kensington

3.1.4 The following trees are no longer present since the 2018 Survey:

1. The Senior Site: T3
2. Kensington: T14, T15, T16 & T20
3. Abbey Gardens: T49

3.2 The Senior Site

3.2.1 A total of 7 trees and 1 group have been recorded at the Senior Site. Of the trees surveyed one tree and one group require no work. Three trees (T1 Cherry & T4 & T5 Scots Pine x 2) requiring ivy to be removed and the trees re-inspected.

3.2.2 Selective lateral reduction works has been recommended for T8, Magnolia with a photograph of the proposed pruning works listed at Appendix 5. Desirable works with regard to the removal of epicormics from T2, Sycamore have also been recommended.

3.3 Hockey Pitches

3.3.1 A total of 5 trees and 4 groups of newly planted trees have been recorded at the Hockey Pitches, however Group G2 are now dead since the 2018 survey.

3.3.2 Two mature Sycamore trees are located adjacent to the north western boundary and have undergone previous crown lifting works. With regard to Tree T10, the canopy is starting to become over extended and is growing towards a number of offsite flatted properties. It is recommended to undertake selective canopy reduction works concentrating on the south western side of the canopy. Please refer to Photo 2, Appendix 5 for guidance. As a precautionary measure x 2 cavities require a climbing inspection to ensure no significant decay or defects are present.

3.3.3 Tree T11, Sycamore also requires an additional investigation of x 1 cavity that is located at the top of the main stem.

- 3.3.4 Further observations note that mower damage/trimmer damage is present around the basal areas of the newly planted trees. As such it is recommended that due care is taken to avoid repeated damage.

3.4 Kensington

- 3.4.1 A total of 30 trees and 4 groups have been recorded at Kensington. Of the trees and groups inspected 19 trees and 1 group require no work.
- 3.4.2 Trees T38 (Copper Beech) & group G8 (Leyland Cypress) have been recommended for pruning works with T38 requiring a Cobra bracing system to be inspected to ensure that it is still fit for purpose.
- 3.4.3 Tree T18, Lime has been recommended for a precautionary inspection of x 1 cavity in 1 years' time with an additional inspection required for T19, Sycamore in 3 months' time in order to inspect the basal area of the tree and to further assess the trees vitality and canopy condition. It was not possible to fully inspect tree T37, Cedar or G8, Leyland Cypress due to restricted access. As such it is recommended that access is arranged and the trees inspected to ensure that the trees are free from significant defects and or decay.
- 3.4.4 Dead stems are recommended to be removed from within G6, Portuguese Laurel within 6 months with tree T24, Sycamore also removed at this time due to the tree's poor form and lack of canopy from recent pruning works. Additional minor pruning works are required for trees T32, T33 & T34.
- 3.4.5 It is considered desirable to remove trees T41, Leyland Cypress and T42, Western Red Cedar due to their location adjacent to the boundary wall. Both species are fast growing and it is foreseeable that the trees will become a nuisance due to the lack of available growing space. Should removal occur it is recommend to replant with a more slow growing species and or shrubs should replanting be desirable in these locations.

3.5 Abbey Gardens

- 3.5.1 A total of 31 trees, 1 group and 1 hedge have been recorded at Abbey Gardens. Of the trees and groups inspected 12 trees require no work.
- 3.5.2 The majority of the proposed pruning works is with regard to ensuring appropriate clearances are maintained over the adjacent adopted highway and to school buildings.
- 3.5.3 Additional work has been identified for T51, Beech as the western side of the canopy is becoming over extended and is growing over the adjacent nursery building. It has been recommended that the western lateral is selective reduced to ensure appropriate clearances and to reduce stresses identified at the branch union with the main stem of the tree.
- 3.5.4 A climbing inspection has been recommended for tree T79, a mature Horse Chestnut due to the previous pruning and large branch removal works.

3.6 Summary

- 3.6.1 To summarise, it is considered that given the maturity of the tree stock the trees that have been fully assessed are in a good to fair condition. In order to ensure that Duty of Care requirements for the School are met it is strongly advised to carry out the recommended works within the timescales that have been advised.

4.0 **Recommendations**

- 4.1 Please refer to Appendix 5 for the tree work schedules and timescales for the works identified.
- 4.2 All pruning works should be carried out in accordance with British Standard 3998: 2010 'Recommendations for Tree Works' and in compliance with good practice as promoted by the Arboricultural and Forestry Advisory Group. It is further recommended that prior to any tree works recommended an inspection for the presence of bats is undertaken.

Additional Recommendations

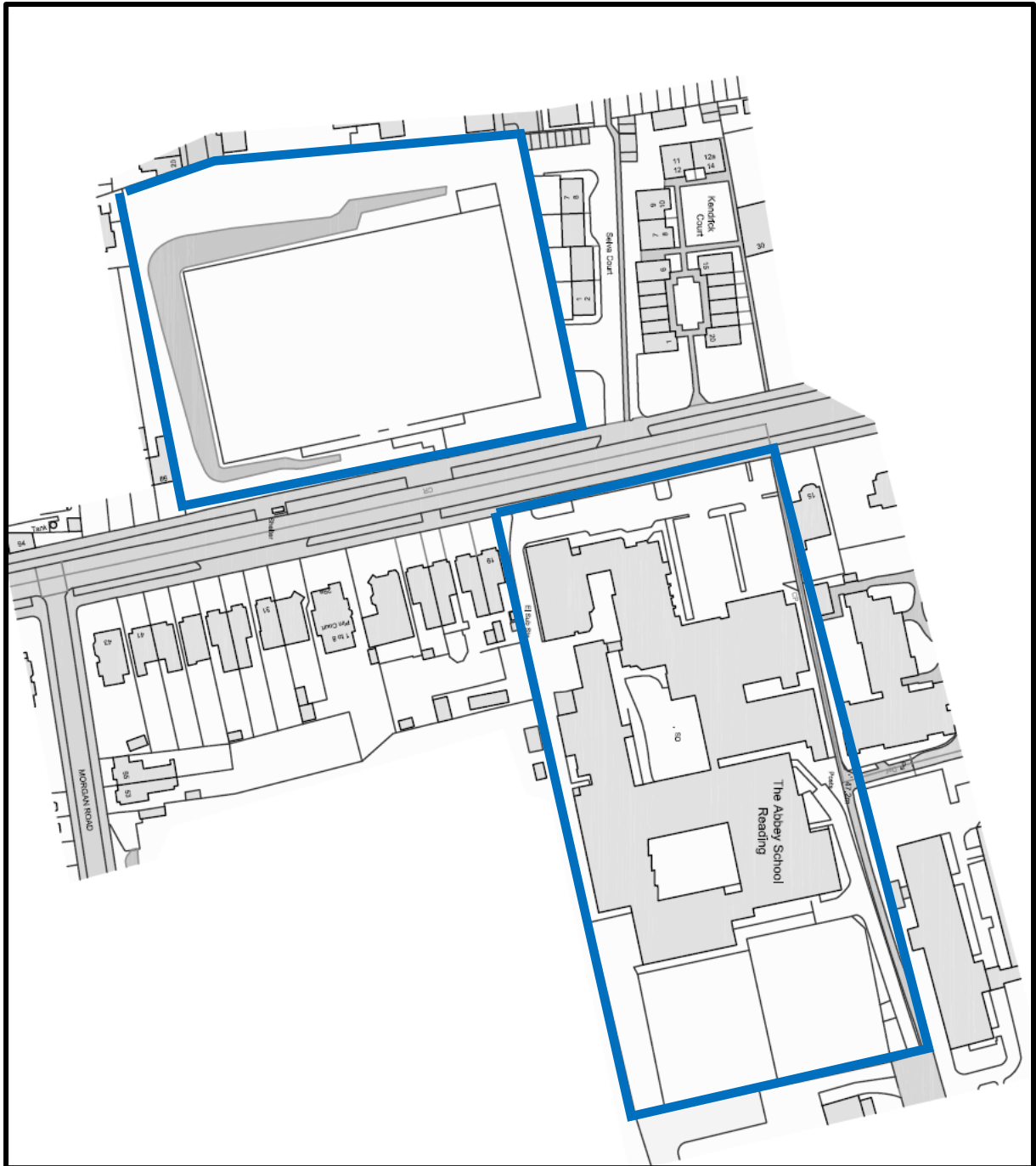
- 4.3 In the event any fungal fruiting bodies are observed on or within close proximity to the trees it is recommended that these are positively identified by a competent person as soon as is practically possible.
- 4.4 Following adverse weather it is recommended to undertake a walk – by inspection in order to assess trees for any storm damage that may have occurred.
- 4.5 The Wildlife & Countryside Act 1981, as amended by the Countryside Rights of Way Act 2000, provides statutory protection to birds, bats and other species that inhabit trees. These have the potential to pose additional constraints on the use and timings of any works that may occur. These issues are beyond my expertise and it is recommended that appropriate advice is sought prior to the implementation of any works that may be considered within this report.
- 4.6 It is an offence to 'intentionally or recklessly disturb a bat' or to 'damage, destroy or block access to the resting place of any bat' (Countryside and Rights of Way Act 2000 as amended). Where works are being carried out and bats are found to be present, or if the tree is a known roost, the Statutory Nature Conservancy Organisation (Natural England 0845 600 3078) must be advised. A licence is required to handle or to undertake works which will affect bats.

This report is for the sole use of the above named client and refers to only those trees identified within; use by any other person(s) in attempting to apply its contents for any other purpose renders the report invalid for that purpose.

APPENDIX 1

Overview of Areas Surveyed

Site Location Plan: The Senior Site & Hockey Pitches



Site Location Plan: Kensington, Nursery & Abbey Gardens

APPENDIX 2

Extract of Reading Borough's Council's Tree Preservation Order Directory

TREE PRESERVATION ORDER DIRECTORY

LOCATION	ORDER No	TYPE	SITE SPECIFIC
CHEDDINGTON CLOSE	112/01	(T1)	9
CHEDDINGTON CLOSE	111/01	(T1)	11
CHEDDINGTON CLOSE	27/01	(G1)	23 & 25
CHEPSTOW ROAD	102/003	(T1)	Brooksby House
CHERWELL ROAD	180/06	(T1)	1
CHERWELL ROAD	333	(T659) (A3)	r/o 2-6 (evens)
CHESTNUT AVENUE	48/01	(T1)	2
CHILTERN ROAD	192/07	(T1)	92
CHILTERN ROAD	4/10	(T8)	1-5 Chiltern Heights & 134 Chiltern Road (Variation for TPO 76/05)
CHOLMELEY ROAD	38/13	(T6)	Eastgate Court
CHRISTCHURCH GARDENS	63/05	(T6, G1)	12 (Abbey School)
CHRISTCHURCH ROAD	10/15	(T1)	1 (Whitley Villa Surgery)
CHRISTCHURCH ROAD	84/004	(T2)	30 (Abbey Junior School)
CHRISTCHURCH ROAD	90/06	(T5)	35/37 (Variation for TPO 334)
CHRISTCHURCH ROAD	79/06	(T3)	39
CHRISTCHURCH ROAD	86/06	(T5)	42, Moreton Court (Variation for TPO 9/98)
CHRISTCHURCH ROAD	89/06	(T1)	43 (Variation for TPO 263)
CHRISTCHURCH ROAD	155/01	(T10)	51
CHRISTCHURCH ROAD	119/06	(T2)	55
CHRISTCHURCH ROAD	18/07	(T1)	56
CHURCH ROAD, Caversham	16/004	(T2)	16
CHURCH ROAD, Caversham	70/003	(T22)	47 and Woodrow Court
CHURCH ROAD, Caversham	22/07	(T4)	The Rectory (20)
CHURCH ROAD, Reading	31/05	(T5)	31
CHURCH STREET, Caversham	134/01	(T7) (G2)	St Martins Centre
CHURCH STREET, Caversham	58/13	(T6) (G1)	St Martins Centre6
CIRCUIT LANE	302	(A1)	Open space adjacent to and north of railway
CITY ROAD	117/08	(T1)	39
CLAYFIELD COPSE	82/05	(W1)	Southeast section
CLEVEDON ROAD	19/00	(T1)	Land adj to No. 1 (6 Carlisle Road)
CLEVEDON ROAD	177/07	(T3)	22
CLIFTON STREET	72/14	(T1)	10
CLOISTERS, THE	7/10	(T2)	Land at the entrance of The Cloisters
COCKNEY HILL	108/01	(T7)	4 & 6
COCKNEY HILL	107/01	(T5)	8, 10, 12 & 14
COCKNEY HILL	219/06	(T2)	9
COCKNEY HILL	113/01	(T6)	22 & 24

Cont'd....

APPENDIX 3

Tree Survey Data Sheets

Senior Site

Hockey Pitches

Kensington

Abbey Gardens

Tree No.	Species	HT (M)	Age Class	Phys. Cond.	Branches	Leaf/Buds	Stem	Roots	Comment	Proposed Work	Priority	Next Survey (months)
T1	Cherry	8	SM	F	Suppressed Canopy	Normal	Not inspected.	No visual defects	Climber on main stem at 1m-3m agl not inspected. Dead Ivy stems present- no visual defects around basal area where climber has removed. Biased canopy- suppressed by T2. Growing within close proximity to boundary fence.	Sever Ivy/Reinspect	6 Months	12
T2	Sycamore	13	SM	G	Old pruning wounds	Normal	Epicormics	No visual defects	Desirable to remove basal/epicormic before they become too big and dominate the tree. Keep ivy free for next inspection.	Prune	1 Year	24
T3	Cherry								No Longer Present			
T4	Scots Pine	8.5	SM		Stubs; Minor deadwood.	Normal	Ivy	Not inspected	Canopy bias over access road. Main stem and rooting area not inspected due to dense ivy being present. Desirable to crown clean due to minor deadwood and stubs.	Sever Ivy/Reinspect	6 Months	
T5	Scots Pine	11	SM		Old pruning wound; Stubs	Normal	Bifurcated; Ivy; Wounding	Not inspected	X 2 stems at 0.7m agl canopy orientated N/S direction (Stems have fused together at 1.8). Main stem and rooting area not inspected due to dense ivy being present.	Sever Ivy/Reinspect	6 Months	
T6	Scots Pine	8	SM	F	Topped; Old pruning wounds; Stubs	Normal	See notes	No visual defects	Topped at 2m agl- remaining 'branch' has undergone adaptive growth. Foliage predominantly overhangs adjacent playing fields. Growing under canopy of T5.	No work	NW	24
T7	Scots Pine	12	M	F	Old pruning wounds; Stubs	Normal	Bifurcated	No visual defects	X 2 stems at 2.5m agl approximately growing in a north/south direction. Form not typical of species. X 1 branch low over road - desirable to remove.	Prune	1 Year	24
T8	Magnolia	9	M	F	Old pruning wounds	Normal	Bifurcated	No visual defects	x 2 at ground level- east/west orientation - overextended lateral growth noted on eastern side.	Prune	3 Months	12
Additional Comments:		Previously pruned over paths and back from adjacent building- woundwood present. X1 main stem upright supports majority of canopy- further sub divides x2 and x1 growing in an easterly direction. Broad spreading canopy as a result of form. East side early signs of subsidence- recommend to reduce end weight. Reduce laterals 1.5m- retain height - limited places to prune back to due to previous crown thinning works (less reduction works required on Western side of the canopy.) Annual inspections recommended due to the trees location.										
G1	Hornbeam x 3	4.5	Y	G	No visual defects	Normal	No visual defects	No visual defects	x 1 tree in group only 3m high	No work	NW	24

Tree No.	Species	HT (M)	Age Class	Phys. Cond.	Branches	Leaf/Buds	Stem	Roots	Comment	Proposed Work	Priority	Next Survey (months)
T9	Sorbus	4	Y	G	Minor dieback	Normal	No visual defects	No visual defects		No work	NW	24
T10	Sycamore	21	M		Old pruning wounds; Cavities	Normal	Bifurcated	No visual defects	X 2 stems at 3m agl. Growing adjacent to rear boundary- close proximity to properties.	Prune	3 months	
Additional Comments:		Crown lifted in the past. On eastern side x2 cavities- x1 at 6m agl& /x1 at 6.5m agl- precautionary measure to undertake a climbing inspection and probe. Additional old pruning wounds have occluded over. Good height clearance over adjacent properties. x1 limb on western side of the canopy overhanging boundary - cavities at old pruning sites- inspect. Open grown tree- laterals becoming over extended - recommend to undertake minor canopy reduction to contain growth. Undertake inspection first as additional/alternative works may be required.										
T11	Sycamore	15	M		Old pruning wounds; Cavities; Wounding; Minor deadwood.	Normal	Old pruning wounds	No visual defects	Close proximity to rear boundary and neighbouring properties - Good clearance to properties.	Further investigation	3 months	
Additional Comments:		Crown thinned and crown lifted in the past- x1 cavity on the east side at 4m (top of main stem) precautionary measure probe - wounding/scaring above- use sanding hammer. Southern side of canopy wounding - with woundwood- appears due to branches (x2) breaking/failing previously - monitor. Small diameter deadwood- not considered a risk due to size.										
T12	Field Maple	4.5	Y	G	No visual defects	Normal	No visual defects	No visual defects		No work	NW	24
T13	Lime	3	Y	G	No visual defects	Normal	Strimmer Damage; Mower damage	No visual defects	Mechanical damage around basal area - desirable to avoid future damage. Stakes and ties still present - recommend to remove	Remove stakes and ties	1 year	24
G2	Birch x 3	Ave 3	Y	D	Dead	Dead	Dead	Dead	Dead - remove and replant	Fell	1 year	
G3a	Field Maple	5	Y	G	No visual defects	Normal	Strimmer Damage; Mower damage	No visual defects	Mechanical damage around basal area - desirable to avoid future damage.	No work	NW	24
G3b	Field Maple	5	Y	F	No visual defects	Normal	Strimmer Damage; Mower damage; Epicormics	No visual defects	Minor mechanical damage around basal area- - not as extensive as T1 - desirable to avoid future damage.	No work	NW	24
G3c	Field Maple	6	Y	G	No visual defects	Normal	No visual defects	No visual defects		No work	NW	24
G3d	Field Maple	6.5	Y	G	No visual defects	Normal	No visual defects	No visual defects		No work	NW	24
G4	Hornbeam x 3	Ave 3	Y	F	No visual defects	Normal	Strimmer Damage; Mower damage	No visual defects	Mechanical damage around basal area - desirable to avoid future damage. X2 trees nearest T10 have chlorotic canopies - monitor.	No Work	NW	24
G5	Lime x 2	Ave 5	Y	F	No visual defects	Normal	Strimmer Damage; Mower damage	No visual defects	Mechanical damage around basal area - desirable to avoid future damage.	No work	NW	24

Tree No.	Species	HT (M)	Age Class	Phys. Cond.	Branches	Leaf/Buds	Stem	Roots	Comment	Proposed Work	Priority	Next Survey (months)
T14	Copper Beech								Removed for Development			
T15	Norway Maple								Removed for Development			
T16	Yew								Removed for Development			
T17	Yew	7.5	SM	G	Biased growth	Normal	No visual defects	No visual defects	Biased canopy due to adjacent T5. Ground conditions will change due to approved development works.	No work	NW	24
T18	Lime	19	M	G	Old pruning wounds; Cavity; Low hanging branches; Minor dieback	Normal	Old pruning wounds;Epicormics	No visual defects	Cavity noted -site of an old pruning wound on the western side of the tree at 4m agl. Recommended to probe cavity.	Further inspection	1 Year	12
T18 Additional Comments:		New boundary wall will be constructed due to approved development works recommend for the tree to be inspected in summer 2020 in order to assess if dieback has increased. Minor epicormics around basal area - keep clear for future inspections.										
T19	Sycamore	18	M	F	Old pruning wounds	Normal	Bark lifting; Basal Epicormics	No visual defects	Inconclusive of why bark is lifting. Canopy appears sparse for a tree of this species. Epicormics obscure ability to fully inspect basal area.	Further inspection	3 months	
T20	Holly								Removed for Development			
T21	Hornbeam	16	M	G	Old pruning wounds	Normal	Ivy; basal epicormics	Growing in small raised bed.	Ivy starting to encroach on main stem - not hindered survey. Basal epicormics could be an indicator tree is under stress - most likely due to growing conditions. Annual inspections required.	Remove misc. Items	1 Year	12
T21 Additional Comments:		Growing in service yard area surrounded by hard standing - harsh growing environment. Recommended to remove stacked items from around the rooting area of the tree. Crown lifted and crown thinned in the past. Good height clearance over road/storage areas and adjacent buildings.										
T22	Laburnum	5	M	F	Old pruning wounds; Wounding;Cavity	Normal	Trifurcated; Tight unions	No visual defects	X 3 at base (x2 included union). Shaded out by T8-biased canopy south.	No work	NW	24
T23	Sycamore	15	M	F	Old pruning wounds	Normal	Bifurcated	Compacted ground	Tree has been pruned back from building. X 2 at base.	No work	NW	24
T24	Sycamore	11	SM	P	Old pruning wounds	Normal	Etiolated	Compacted ground	Recently pruned x1 branch left at 6m- virtually no canopy- recommend to remove as limited safe useful life expectancy. Poor form.	Fell	6 Months	
T25	Sycamore	15	M	F	Old pruning wounds	Normal	Etiolated	Compacted ground	Biased canopy west due to adjacent trees	No work	NW	24
T26	Sycamore	15	M	F	Old pruning wounds	Normal	Bifurcated; Tight union	Compacted ground	Biased canopy west due to adjacent trees. X 2 stems at 1.5- tight union- stem has fused at 2m. Monitor union. Crossing branches present.	No work	NW	24
T27	Sycamore	15	M	F	Old pruning wounds	Normal	Leans west- adaptive growth	Compacted ground	Has been pruned back from boundary. Stem leans east- undergoes adaptive growth x2 at 2.5- wide union	No work	NW	24

Tree No.	Species	HT (M)	Age Class	Phys. Cond.	Branches	Leaf/Buds	Stem	Roots	Comment	Proposed Work	Priority	Next Survey (months)
T28	Sycamore	15	M	F	Old pruning wounds	Normal	Etiolated;Multistem	Compacted ground	Has been pruned back to boundary. 1x central stem-sub-divides into x3 tight unions, included bark - approx. east/west central stem further sub-divides - tight union. X1 stem north- included and X1 stem south included. Biased canopy south.	No work	NW	24
T29	Lawson Cypress	13	M	G	No visual defects	Normal	No visual defects	Compacted ground		No work	NW	24
T30	Yew	5.5	SM	F	No visual defects	Normal	Old Pruning wounds	Compacted ground	Biased canopy south due to T16. Originally x 2 at base X1 cut to 0.5 agl.	No work	NW	24
T31	Holly	9.5	M	F	Old pruning wounds	Normal	Leans	Compacted ground	Adjacent to outdoor building. Leans west- adaptive growth. Sparse foliage - possibly exhibiting drought symptoms from Summer 2018.	No work	NW	24
T32	Lawson Cypress	14	M	F	Deadwood;Subsidence; Adaptive growth	Normal	Bulge	Compacted ground	x 1 branch growing over adjacent building - grows horizontally 4m then undergoes adaptive growth-early signs of subsidence on limb.	Prune	3 months	24
T32 Additional Comments:		Scattered deadwood throughout canopy - recommend to remove. Browning of foliage - possibly as a result of drought conditions during summer 2018. X 2 at 6m agl- stem bulge at 1.5m- monitor- reaction wood.										
T33	Sycamore	15	M	G	Damage	Normal	Leans	Compacted ground	x 1 damaged branch on south side. Biased canopy west due to adjacent trees. Minor stem lean south - tree has undergone adaptive growth.	Prune	3 months	24
T34	Yew	12.5	M	F	Old pruning wounds; Deadwood	Normal	Trifurcated	Wounding	Growing within a soft play area. Biased canopy east. X 3 stems at 1.5m - wide unions. Historic wounding on main stem. Remove dead branch.	Prune	3 months	24
T35	Yew	12.5	M	F	Old pruning wound; Topped	Normal	Bifurcated; Tight union; Epicormics		Previously topped out at 5m-multiple regrowth. X 2 at 1m- tight union - Early signs of included bark. Epicormics present on main stem	No work	NW	24
T36	Cypress Sp	12	M	G	No visual defects	Normal	Old pruning wounds	No visual defects	Biased canopy west due to adjacent trees. Component of G8 but growing out of row.	No work	NW	24
T37	Cedar	15	M		Not Inspected	Normal	Not inspected	Not inspected	No access to assess main stem or basal area	Further inspection	3 months	
T38	Copper Beech	17.5	M	F	Old pruning wounds; Cobra Bracing; Minor deadwood	Normal	Bifurcated	No visual defects	X 2 at 2m agl- southern stem dominant - wide union present. Northern canopy starting to get over extended - recommend selective canopy reduction.	Prune	3 Months	
T38 Additional Comments:		Previously pruned back from adjacent building. Old pruning wounds have occluded over. Crown thinned in the past. Cobra bracing system in place - Check Cobra Bracing and check date of installation. Southern stem further sub-divided- secondary stem grows southwards.										
T39	Holly	8	SM	G	No visual defects	Normal	Old pruning wounds	No visual defects	Growing beneath Beech - becoming suppressed.	No work	NW	24

Tree No.	Species	HT (M)	Age Class	Phys. Cond.	Branches	Leaf/Buds	Stem	Roots	Comment	Proposed Work	Priority	Next Survey (months)
T40	Yew	7.5	SM	F	Old pruning wounds	Normal	Basal epicormics	No visual defects	Basal epicormics x2 at 0.5m. Wounds on west side of both stems from ground level- woundwood present.	No work	NW	24
T41	Leyland Cypress	5	Y	G	Low hanging branches	Normal	Direct contact	No visual defects	Direct contact with boundary wall considered inappropriate species for location- Desirable to remove & replace with a shrub. If retained lift low canopy over adopted highway.	Fell	2 Years	
T42	Western Red Cedar	3	Y	G	No visual defects	Normal	Direct contact with boundary wall	No visual defects	Considered inappropriate planting- Desirable to remove & replace with a shrub	Fell	2 Years	
T43	Yew	9	M	G	Old pruning wounds	Normal	Bifurcated; Tight union; Included bark; Exudates	No visual defects	On the north side x 2 at 0.5 tight union with included bark	No work	NW	24
T44	Yew	4	SM	F	Old pruning wounds	Normal	Bifurcated; Tight union; Included bark	No visual defects	X 2 at 1m included/tight union. Growing under canopy of T43	No work	NW	24
T45	Yew	9	M	G	Old pruning wounds	Normal	No visual defects	No visual defects		No work	NW	24
T46	Sycamore	11	SM	G	No visual defects	Normal	No visual defects	No visual defects		No work	NW	24
T47	Yew	8	M	F	Old pruning wounds	Normal	Exudates	No visual defects	Exudates on south side at 0.5m	No work	NW	24
G6	Portuguese Laurel x 4	Ave 5	SM	F	Old pruning wounds	Normal	Old pruning wounds; Dead Wood	Compacted ground	Dead stems present.	Fell	6 months	24
G7	Leyland Cypress	Ave 3	Y	G	No visual defects	Normal	No visual defects	No visual defects	Newly planted	No work	NW	24
G8	Leyland Cypress	Ave 12	M	F	Topped; Old pruning wounds	Normal	Old pruning wounds	No visual defects	G8 and G9 component of same planting. Foliage orientated east/west due to close spacing's. Previously reduced 10m agl.	Prune	2 years	24
G8 Additional Comments:		Branches below topping points have undergone adaptive growth. Close spacing's end tree by south wall x2- tight union										
G9	Leyland Cypress	Ave 10	M	F	Not Inspected	Normal	Not inspected	Not inspected	G8 and G9 component of same planting. No access - trees have not been inspected.	Further inspection	3 months	24

Tree No.	Species	HT (M)	Age Class	Phys. Cond.	Branches	Leaf/Buds	Stem	Roots	Comment	Proposed Work	Priority	Next Survey (months)
T48	Pear	7	SM	F	Stubs;Minor deadwood;Decay	Normal	Stubs	No visual defects	Tree close proximity to boundary wall - considered desirable to crown clean tree.	Crown clean	1 Year	24
T49	Field Maple								No longer present			
T50	Ash	8.5	Y	G	No visual defects	Normal	No visual defects	No visual defects	Self seeded specimen- close proximity to boundary wall.	No work	NW	24
T51	Beech	21	M	G	Old pruning wounds;Minor deadwood	Normal	Old pruning wounds	Surface roots; compacted ground	Old pruning wounds have occluded over- tree has been pruned back from adjacent School buildings.	Prune	1 Month	24
T51 Additional Comments:		West side large secondary branch- crown lifted and crown thinned previously, growing out & reaching for light. Recommend to tip back to 3m to reduce end weight and to reduce stress at union- will also clear adjacent single storey building- early signs of subsidence. At time of pruning works remove deadwood.										
T52	Lime	14	M	F	Old pruning wounds; Stubs; Dead ivy; Minor deadwood; Low hanging branches	Normal	Bifurcated	No visual defects	Tree has been reduced in the past. X1 branch direct contact with BT cables- prune 30cms clearance. X2 at 2m; North/South orientation	Prune	3 Months	24
T52 Additional Comments:		Ivy stems previously cut- not hindered survey. Foliage cutting close to adjacent offside building- will need tipping back after next growing season.										
T53	Yew	6.5	SM	F	Stubs;Old pruning wounds	Normal	Not inspected	Tricated; Tight unions; Ivy	X3 at 0.7m agl. Cut back on school side- stubs-regenerating. Sever Ivy and reinspect- precautionary.	Sever Ivy/Reinspect	1 Year	12
T54	Holly	6	SM	F	Reduced	Normal	No visual defects	Tight union; Dead ivy	Topped previously 3m agl. X 1 large secondary stem arising at base and has grafted with main stem. Dead ivy- not hindered survey.	No work	NW	24
T55	Sycamore	15	SM	F	Low hanging branches;Minor deadwood;Stubs;	Normal	Bifurcated	Not Inspected	On east side of tree branches obscuring lamp column- prune to clear. Self seeded specimen.Stubs low target. Dead ivy not hindered survey. X 2 at base north/south orientation.	Prune	3 Months	24
T55 Additional Comments:		Rubble around rooting area not fully inspected. Remove for next inspection										
T56	Holm Oak	6	SM	F	Old Pruning Wounds	Normal	No visual defects	No visual defects		No work	NW	24
T57	Cupressus	14	M	F	Low hanging branches;Old pruning wounds; Decay; Deadwood	Normal	Bifurcated; Tight union;Included bark	See additional comments	X2 at 1m tight union with included bark. Low branches obscuring adjacent lamp column. Prune to clear - prune x2 lowest on south side- tip back over storage shed.	Prune	3 Months	24
T57 Additional Comments:		Deadwood located at co-dominant union- tree has been 'topped' in the past- tight union on some lateral branches that are overhanging footpath. Bias canopy east- annual inspections required. Rooting area causing distortion to the adopted footpath - not yet considered a significant hazard - monitor.										

Tree No.	Species	HT (M)	Age Class	Phys. Cond.	Branches	Leaf/Buds	Stem	Roots	Comment	Proposed Work	Priority	Next Survey (months)
T58	Holm Oak	6	SM	F	Low hanging branches	Normal	Tricates	No visual defects	X 3 at base North/South orientation - wide union. Desirable to tip back foliage 1m over storage shed	Prune	1 Year	24
T59	Holly	6	SM	F	Old pruning wounds; Reduced	Normal	Old pruning wounds		Topped previously at 3m agl	No work	NW	24
T60	Holm Oak	4.5	SM	F	Low hanging branches	Normal	Leans; Bifurcated	No visual defects	Branches in direct contact with guttering - Prune to clear. Tree has a minor lean toward School building. X2 at base.	Prune	3 Months	24
T61	Laburnum	4	SM	F	No visual defects	Normal	Direct contact	No visual defects	Direct contact with boundary fence at base.	No work	NW	
T62	Lime	15	M	F	Low hanging branches; Old pruning wounds; Reduced	Normal	Epicormics; Old pruning wounds; basal epicormics	No Inspected	Tree has been reduced in the past. Fence has been erected around tree stem. Prune epicormics 4m tip back any remaining foliage to 2.5m agl over footpath. Basal epicormics obscure ability to inspect basal area.	Prune	3 Months	24
T63	Holly	6	SM	F	No visual defects	Normal	No visual defects	No visual defects		No work	NW	24
T64	Lime	18	M		Old pruning wounds; Stubs; Reduced; Low hanging branches	Normal	No visual defects	No visual defects	Tree has been reduced in the past at 13magl. Branches low over adjacent footpath- coming from epicormic regrowth at 2m agl on west side- will need pruning after next growing season to maintain 2.5m.	Prune	3 Months	24
T65	Holm Oak	15	M	F	Old pruning wounds; Low hanging branches	Normal	Bifurcated; Old pruning wounds	No visual defects	1 of 3 trees growing within close proximity to one another. Tip back on east side to give 1.5m clearance to the adjacent building. X 2 at base - wide union - early signs of inclusion.	Prune	3 Months	24
T65 Additional Comments:		Branches have been pruned back from main building - tree has be crown lifted and crown thinned in the past- high canopies. Old pruning wounds occluding over.										
T66	Holm Oak	15	M	F	Low hanging branches;	Normal	Tricated; Old pruning wounds		1 of 3 trees growing within close proximity to one another. Tree has been crown lift and crown thinned in the past. Tip back east side- reduce canopy 1.5m east side to reduce end weight.	Prune	3 Months	24
T66 Additional Comments:		X 3 at 0.5m agl Wounding noted on Eastern side at 1m on x 2 eastern branches- will require monitoring as canopy bias weight is orientated to the east due to close proximity of adjacent trees.										
T67	Holm Oak	15	M	F	Old pruning wounds	Normal	Old pruning wounds	No visual defects	1 of 3 trees growing within close proximity to one another. Tree has been crown lift and crown thinned in the past.	No work	NW	24
T68	Sycamore	9	SM	F	Old pruning wounds; Minor deadwood	Normal	Epicormics	No visual defects	Etiolated- desirable to remove epicormics. Biased canopy north due to adjacent Yew.	Prune	3 Months	24
T69	Sycamore	10	SM	F	Biased canopy growth	Normal	Leans	No visual defects	Biased canopy north. Partly growing through Yew. Minor lean north due to adjacent Yew	No work	NW	24

Tree No.	Species	HT (M)	Age Class	Phys. Cond.	Branches	Leaf/Buds	Stem	Roots	Comment	Proposed Work	Priority	Next Survey (months)
T70	Hawthorn	6	Y	F	Suppressed; Reduced	Normal	No visual defects	No visual defects	Suppressed - growing through adjacent Yew canopy. Etiolated topped at 3m previously.	No work	NW	24
T71	Yew	9	M	F	Old pruning wounds; Minor deadwood; Stubs	Normal	Triclated; Epicormics	No visual defects	X3 at base - Epicormics at base. X1 deadwood over parking area- Remove.	Prune	1 Month	24
T72	Fastigate Yew	1.8	Y	P	Old pruning wounds	Normal	Multistem	No visual defects	Previously pruned back from parking area. Will be in constant conflict with parking area	No work	NW	24
T73	Yew	10.5	M	F	Old pruning wound; Stubs; Tight unions; Minor deadwood; Crossing branches	Normal	Exudates; Old pruning wounds		Exudates on eastern side of main stem (GL - 0.5m agl) - monitor. Growing within close proximity to main school building in landscaped area. Epicormics around base recently removed- pruned back from school buildings. Canopy sparse - remove deadwood.	Prune	3 Months	24
T74	Yew	7.5	M	F	Old pruning wounds; Crossing branches; Low hanging branches	Normal	Triclated	No visual defects	Previously pruned beneath LV cables. Appears under stress- more epicormic growth that what one would expect on a main stem and main scaffolds- Monitor. Direct contact with bin store. X3 at base. Desirable to prune to clear bin store	Prune	1 Year	24
T75	Hawthorn	3.5	SM	F	Reduced	Normal	No visual defects	No visual defects	Previously topped at 2m.	No work	NW	24
T76	Lime	17.5	M	F	Old pruning wounds; Lapsed pollard; Low hanging branches; Cavity; Hangers	Normal	Epicormics; Basal epicormics; Old pruning wounds	Basal epicormics	1 of 2 Limes adjacent to entrance- has been reduced in the past. Pollarded at 7m and topped again at 13m agl.	Prune	1 Month	24
T76 Additional Comments:		Epicormics are low over footpath- remove back to main stem up to 4m agl- remove basal epicormics at some time. BT cables growing through canopy- minor epicormics hangers present. Old pruning wound occluding over. Cavity at an old pollard head on north side at 7m agl- regrowth will need pruning back to pollard head.										
T77	Lime	16	M	F	Lapsed pollard; Old pruning wounds; Low hanging branches; Cavities; Deadwood	Normal	Epicormics	No visual defects	1 of 2 Limes adjacent to entrance- has been reduced in the past- lapse pollard. Topped at 12.5m agl and pollard at 6.5m. Low hanging branches resting on BT cables- prune to give 30cms clearance. Prune deadwood overhanging path at 4m agl- probe pollard head at this point. Prune epicormics on path up to 4m.	Prune	1 Month	24
T78	Yew	4	SM	F	Old Pruning Wounds	Normal	No visual defects	No visual defects		No work	NW	24
T79	Horse Chestnut	16.5	M		Reduced; Cavities; Old pruning wounds	Normal	Bifurcated; Epicormics ; Old pruning wounds	No visual defects	Reduced previously to 11.5m agl. X 2 at 2.5m east/west orientation	Further Inspection	1 Month	

Tree No.	Species	HT (M)	Age Class	Phys. Cond.	Branches	Leaf/Buds	Stem	Roots	Comment	Proposed Work	Priority	Next Survey (months)
T79 Additional Comments:		Recommend a climbing inspection to inspect cavities. On east stem at 5m agl large secondary stem removed- requires further inspection- inspect topping points at some time and other cavities that are present.										
G10	Leyland Cypress X5	Ave 17	M	G	Low hanging branches;Stubs	Normal	No visual defects	No visual defects	Prune to clear lamp column	Prune	3 Months	24
G10 Additional Comments:		Previously crown lifted on road side- stubs left- not target pruned. Branches starting to encroach over a soft Play area- consider pruning back in the next 2 years. Most northerly tree younger planting than other 4- lo foliage adjacent to lamp column- prune. NB- long term consider removal and to replant area.										
H1	Mixed Species	Ave 3.5	SM	F	Low hanging branches	Normal	No visual defects	No visual defects	Foliage encroaching over boundary and onto adopted highway. Prune back to clear	Prune	3 Months	24

APPENDIX 4

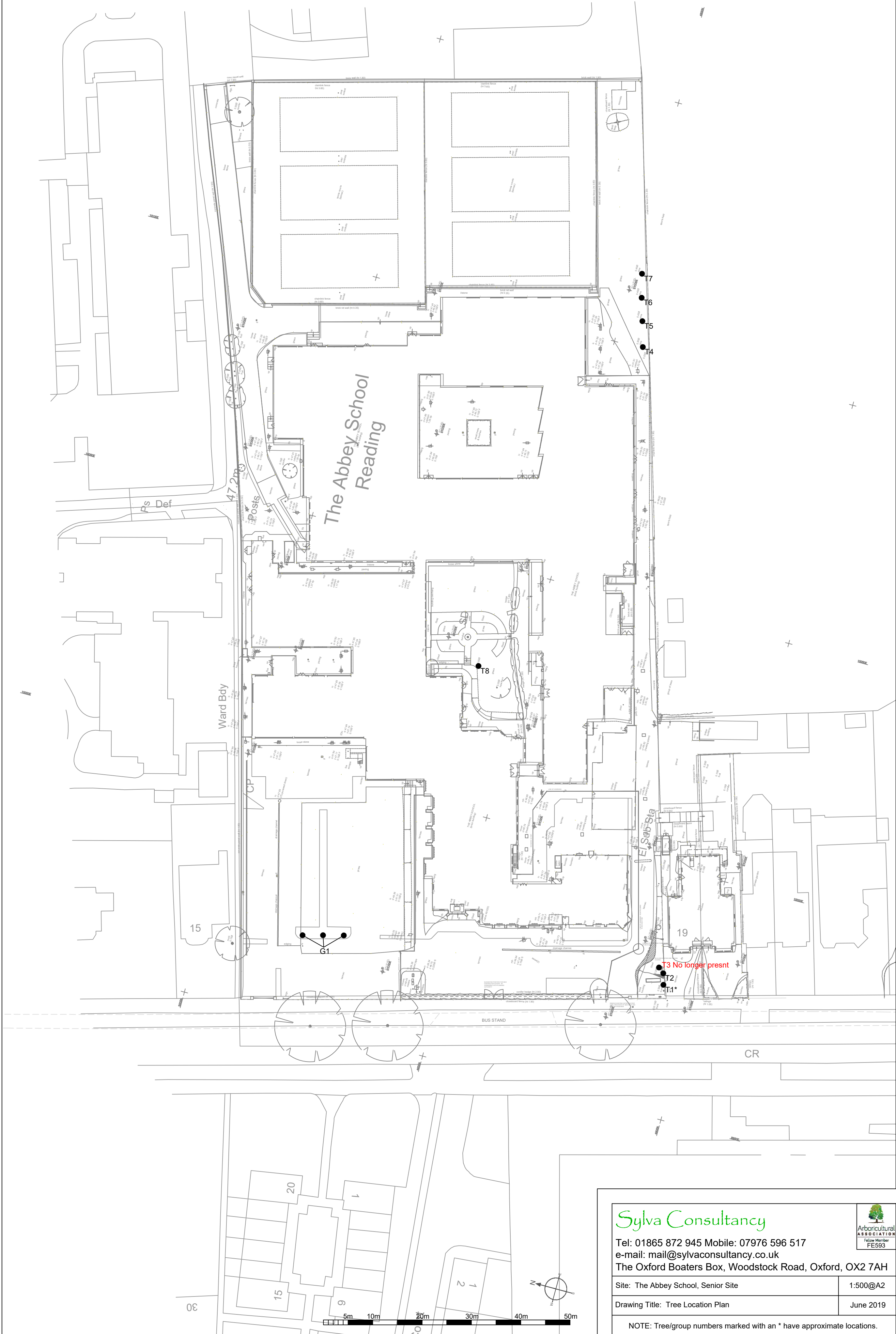
Tree Location Plans

Senior Site

Hockey Pitches

Kensington

Abbey Gardens



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Site: The Abbey School, Senior Site

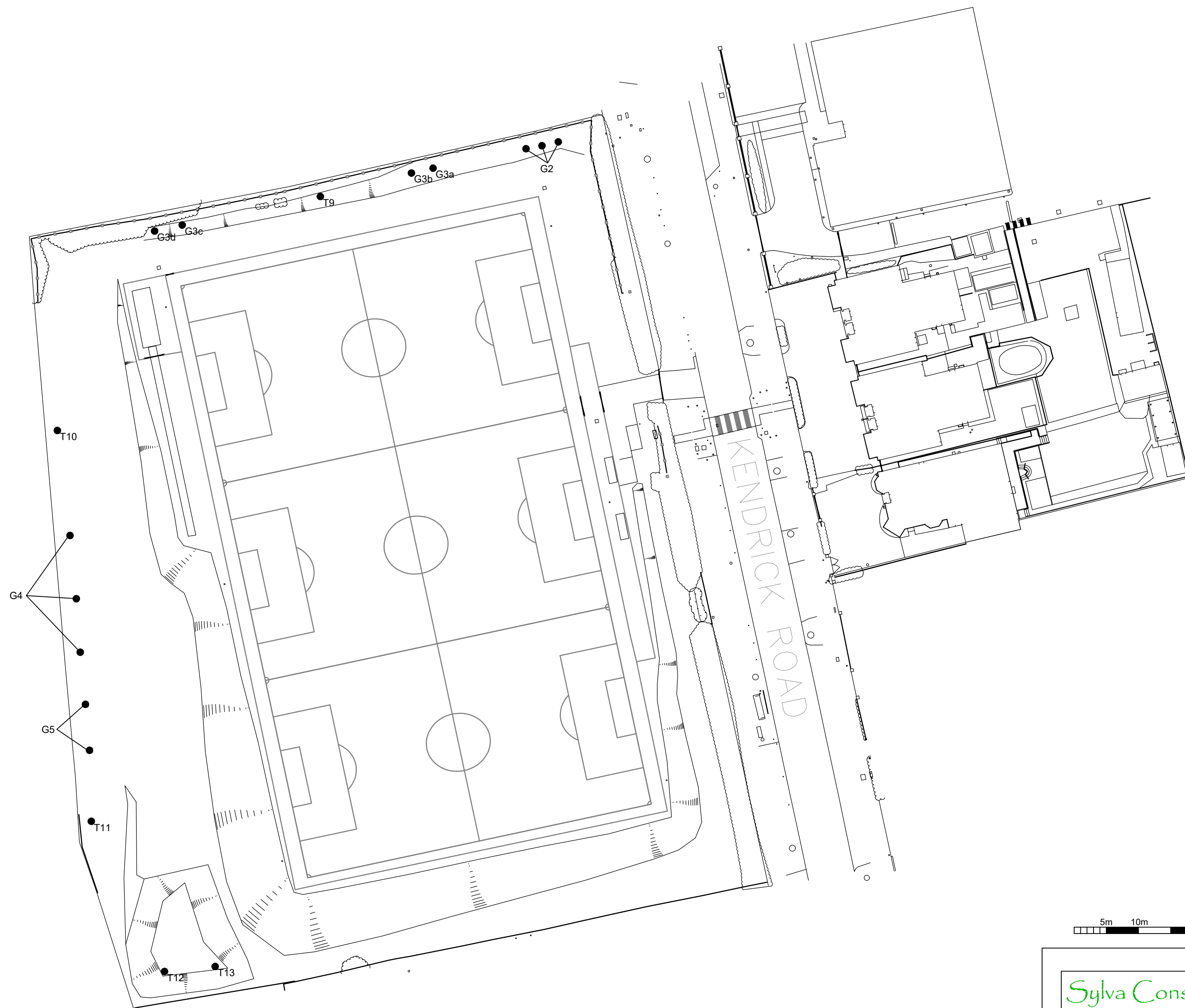
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Drawing Title: Tree Location Plan

June 2019

NOTE: Tree/group numbers marked with an * have approximate locations.



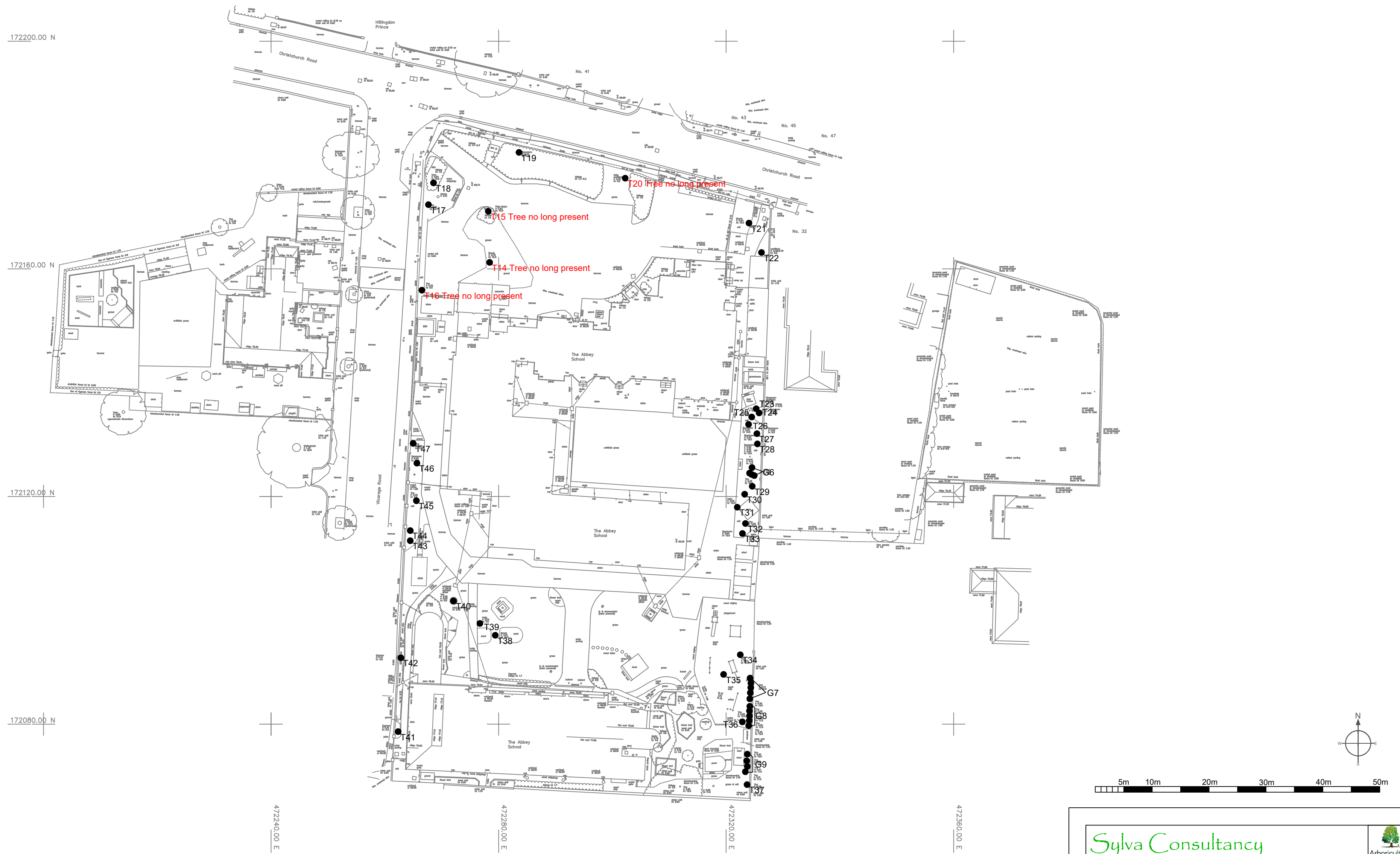


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Site: The Abbey School, Hockey Pitches	1:500@A2
Drawing Title: Tree Location Plan	June 2019



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Site: The Abbey School, Kensington	1:500@A2
Drawing Title: Tree Location Plan	June 2019



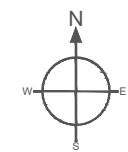
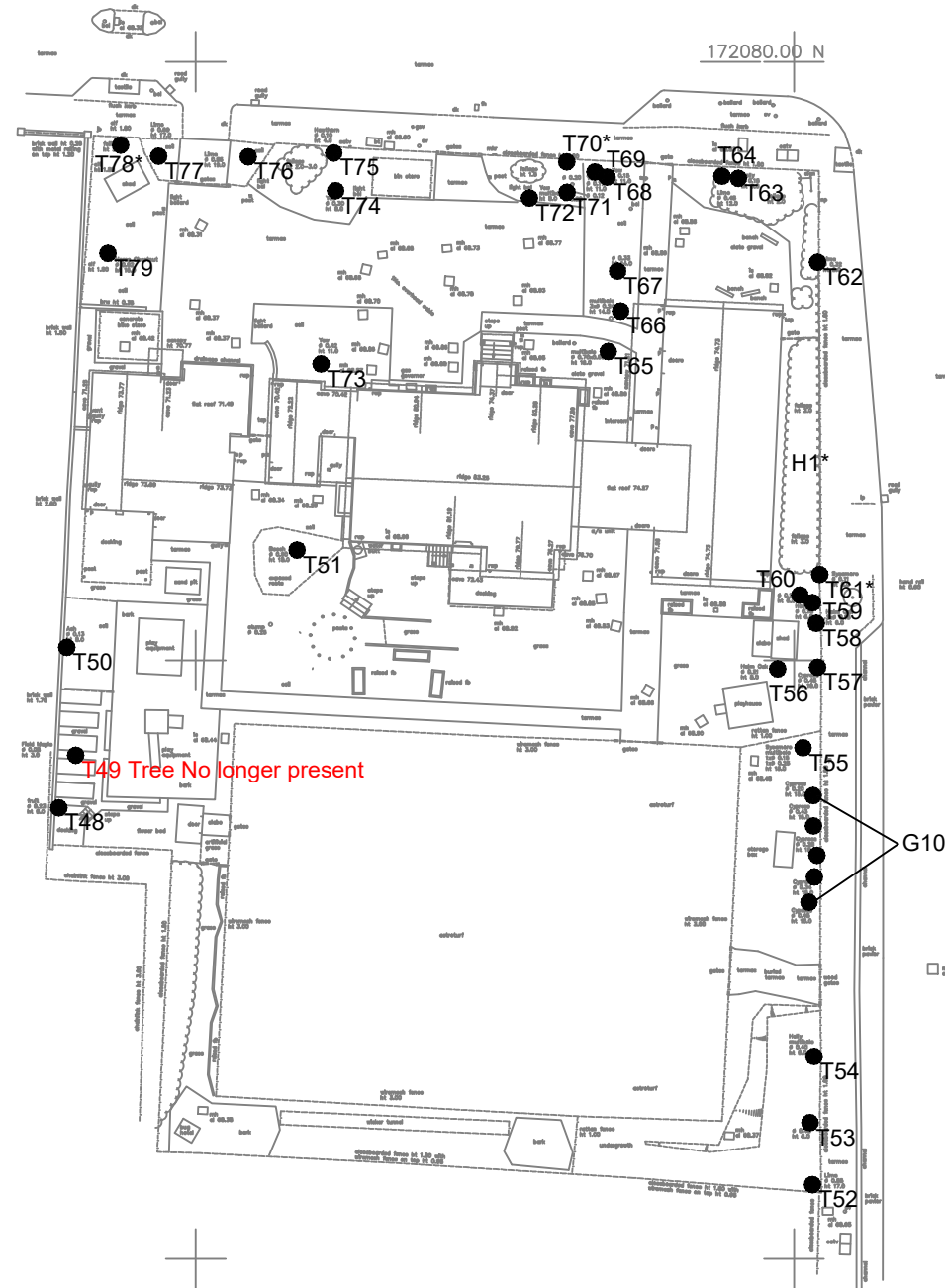
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Site: The Abbey School, Junior School	1:500@A3
Drawing Title: Tree Location Plan	June 2019

NOTE: Tree/group numbers marked with an * have approximate locations.

APPENDIX 5

Tree Works Schedules & Pruning Guidance Photographs

Senior Site

Hockey Pitches

Kensington

Abbey Gardens

Tree No.	Species	Work Category 1	Work Item 1	Priority 1	Work Category 2	Work Item 2	Priority 2	Work Category 3	Work Item 3	Priority 3	Comment	Date of Works
T1	Cherry	Ivy	Sever/remove ivy	6 months	Re-inspect	Once ivy removed	1 Year					
T2	Sycamore	Prune	Epicormics	1 Year							Desirable to remove basal/epicormic before they become too big and dominate the tree. Keep ivy free for next inspection	
T4	Scots Pine	Ivy	Sever/remove ivy	6 months	Re-inspect	Once ivy removed	1 Year					
T5	Scots Pine	Ivy	Sever/remove ivy	6 months	Re-inspect	Once ivy removed	1 Year					
T7	Scots Pine	Prune	Low hanging branch	1 year							Desirable to remove x 1 low branch overhanging the internal access road. To provide clearance for high sided vehicles.	
T8	Magnolia	Prune	Selective lateral reduction	3 Months							Reduce laterals by up to 1.5m- retain height - limited places to prune back to due to previous crown thinning works (less reduction works required on Western side of the canopy - prune last.) See Photo 1, Appendix 5 for guidance	

Tree No.	Species	Work Category 1	Work Item 1	Priority 1	Work Category 2	Work Item 2	Priority 2	Work Category 3	Work Item 3	Priority 3	Comment	Date of Works
T10	Sycamore	Prune	Selective canopy reduction	3 Months	Further investigation	Climbing Inspection	3 Months				Undertake a selective canopy reduction concentrating on the south western side of the canopy - Prune up to 4m - see Photo 2 Appendix 7 for guidance. Climbing inspection required to probe cavities. On eastern side x2 cavities- x1 at 6m agl& /x1 at 6.5m agl and additional cavities on x1 limb on western side of the canopy overhanging boundary	
T11	Sycamore	Further investigation	Climbing Inspection	3 Months	Prune	Low branch	3 Months				Undertake a climbing inspection to probe x 1 cavity at the top of the main stem. Remove x 1 low branch on south side at same time.	
T13	Lime	Remove stakes and ties	Desirable	1 Year								
G2	Birch x 3	Fell	To ground level	1 Year	Replant	Replacement trees	1 Year				Fell dead trees and undertake replacement planting.	

Tree No.	Species	Work Category 1	Work Item 1	Priority 1	Work Category 2	Work Item 2	Priority 2	Work Category 3	Work Item 3	Priority 3	Comment	Date of Works
T18	Lime	Further Inspection	Climbing Inspection	1 Year							Cavity noted -site of an old pruning wound on the western side of the tree at 4m agl. Recommended that when next working on adjacent trees this area is probed.	
T19	Sycamore	Further Inspection	Basal Area	3 Months							Remove epicormics and re-inspect basal area. At the same time assess canopy condition.	
T21	Hornbeam	Remove misc. Items	Basal Area	1 Year							Remove stacked misc. items from around the basal area of the tree.	
T24	Sycamore	Fell	To ground level	6 Months							Poor overall specimen - recommend to fell.	
T32	Lawson Cypress	Crown Clean	Canopy	3 Months							Crown clean	
T33	Sycamore	Prune	Damaged Branch	3 Months							Remove damaged branch on south side of the tree.	
T34	Yew	Prune	Dead Branch	3 Months							Remove dead branch.	
T37	Cedar	Further Inspection	Of Tree	3 Months							No access - trees have not been inspected. Create access to inspect trees.	
T38	Copper Beech	Prune	Selective Canopy Reduction	3 Months	Prune	Deadwood	3 Months	Further Inspection	Cobra Bracing System	3 Months	Recommended to undertake a selective canopy reduction - see photo 3, Appendix 5 for guidance - at same time inspect Cobra Bracing System to ensure it is still fit for purpose. Check date of installation. Remove deadwood.	
T41	Leyland Cypress	Fell	To ground level	24 Months	Replant	With a suitable species to suit location	24 Months				In the event the tree is retained prune low branches over the adopted highway to provide a 3m height clearance.	
T42	Western Red Cedar	Fell	To ground level	24 Months	Replant	With a suitable species to suit location	24 Months					
G6	Portuguese Laurel	Fell	Dead Stems	6 Months							Fell dead stems to ground level	
G8	Leyland Cypress	Prune	Crown Reduce	24 Months							Reduce back to previous reduction points.	
G9	Leyland Cypress	Further Inspection	Of Trees	3 Months							No access - trees have not been inspected. Create access to inspect trees.	

Tree No.	Species	Work Category 1	Work Item 1	Priority 1	Work Category 2	Work Item 2	Priority 2	Work Category 3	Work Item 3	Priority 3	Comment	Date of Works
T48	Pear	Prune	Crown Clean	1 Year							Desirable- crown clean stubs and minor dead	
T51	Beech	Prune	Major deadwood	1 Month	Prune	By 3m	1 Month	Apply Woodchip	Around rooting area	1 Month	Recommend to tip back to 3m to reduce end weight of x 1 western branch that is growing over the single storey nursery. In addition apply woodchip around rooting area to address trip hazard.	
T52	Lime	Prune	Low Hanging Branches	3 Months							Prune to clear BT cables by 30cms.	
T53	Yew	Ivy	Sever/remove ivy	1 Month	Re-inspect	Once ivy removed	3 Months					
T55	Sycamore	Prune	Low Hanging Branches	3 Months	Remove Rubble	Around rooting area	1 Year				Tip back foliage to clear lamp column. Remove rubble from rooting area before next inspection.	
T57	Cupressus	Prune	Low Hanging Branches	3 Months							Tip back foliage to clear lamp column. (Prune x2 lowest on south side). Tip back over storage shed.	
T58	Holm Oak	Prune	Low Hanging Branches	1 Year							Desirable to tip back over adjacent storage shed by 1m to clear.	
T60	Holm Oak	Prune	Low Hanging Branches	3 Months							Tip back to provide a 1m clearance to the adjacent guttering.	
T62	Lime	Prune	Low Hanging Branches	3 Months	Prune	Epicormics	3 Months				Tip back to 2.5m over adjacent footpath. Remove epicormics up to 4m agl. Inspect basal area once epicormics have been removed.	
T64	Liime	Prune	Low Hanging Branches	3 Months							Tip back to 2.5m over adjacent footpath.	
T65	Holm Oak	Prune	Low Hanging Branches	3 Months							Tip back on east side to give 1.5m clearance to the adjacent building	
T66	Holm Oak	Prune	Low Hanging Branches	3 Months							Tip back on east side to give 1.5m clearance to reduce end weight.	
T68	Sycamore	Prune	Minor Deadwood	3 Months	Prune	Epicormics	3 Months				Remove deadwood over path. Remove epicormics at same time.	
T71	Yew	Prune	Deadwood	1 Month							Remove deadwood that is over the car park area.	
T73	Yew	Prune	Crown Clean	3 Months							Crown clean.	
T74	Yew	Prune	Low Hanging Branches	1 Year							Desirable to prune to provide 1m clearance to adjacent bin store.	
T76	Lime	Prune	Low Hanging Branches	3 Months	Prune	Epicormics	1 Month	Further Inpection	Basal Area	3 Months	Remove epicormics up to 4m agl including basal epicormics. Re-inspect basal area once epicormics removed.	

Tree No.	Species	Work Category 1	Work Item 1	Priority 1	Work Category 2	Work Item 2	Priority 2	Work Category 3	Work Item 3	Priority 3	Comment	Date of Works
T77	Lime	Prune	Low Hanging Branches	1 Month	Prune	Epicormics	1 Month	Further Inspection	Pollard head	1 Month	Prune to give 30cms clearance to BT cables. Remove epicormics up to 4m agl. Remove deadwood. Probe pollard head at 4m agl.	
T79	Horse Chestnut	Further Inspection	Climbing Inspection	1 Month							Recommend a climbing inspection to inspect cavities. On east stem at 5m agl large secondary stem removed- requires further inspection- inspect topping points at some time and other cavities that are present.	
G10	Leyland Cypress X5	Prune	Low Hanging Branches	3 Months							Prune to clear lamp column	
H1	Mixed Species	Prune	Low Hanging Branches	3 Months							Prune back to boundary to provide clearance to boundary fence.	

Photo 1 Tree T8 Senior Site: Pruning Guidance



Photo 2 Tree T10 Hockey Pitches: Pruning Guidance

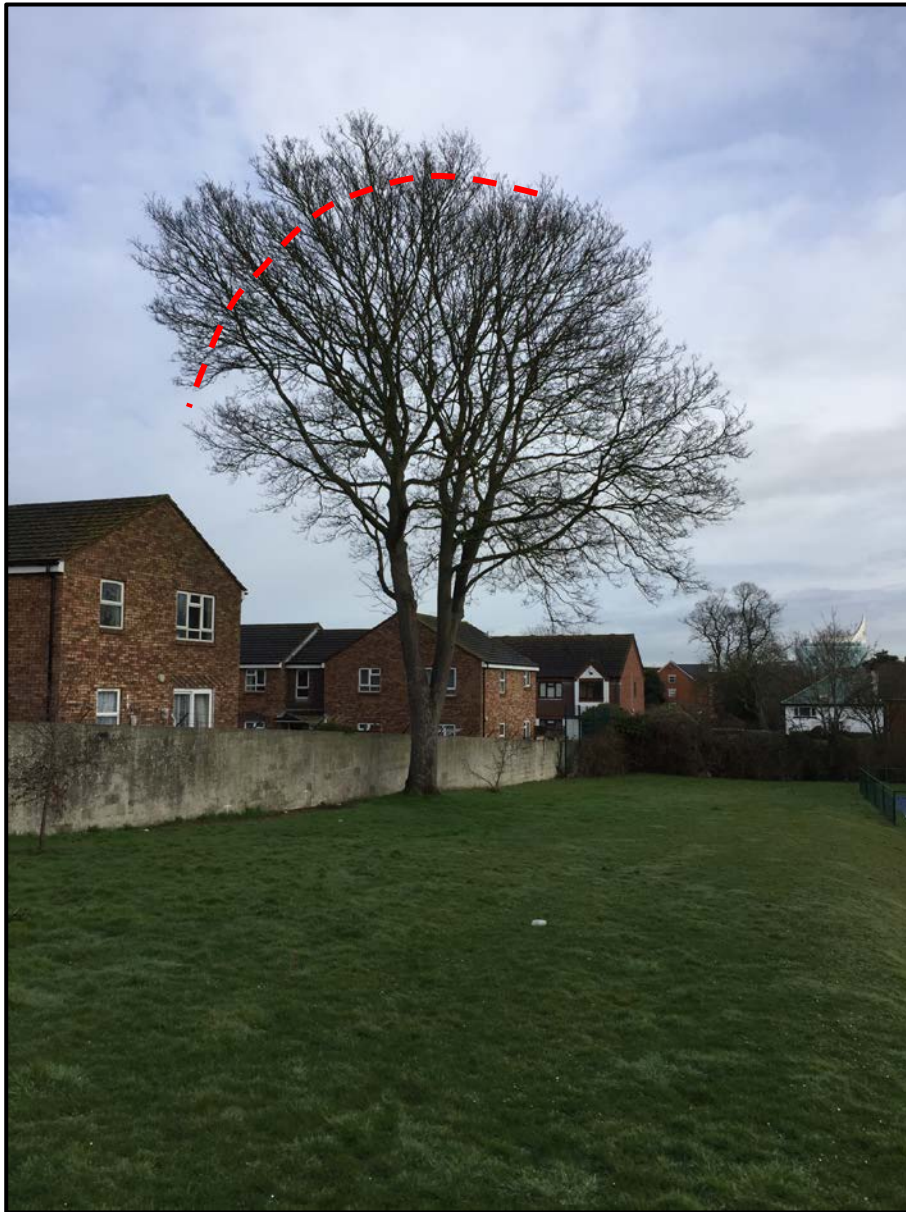
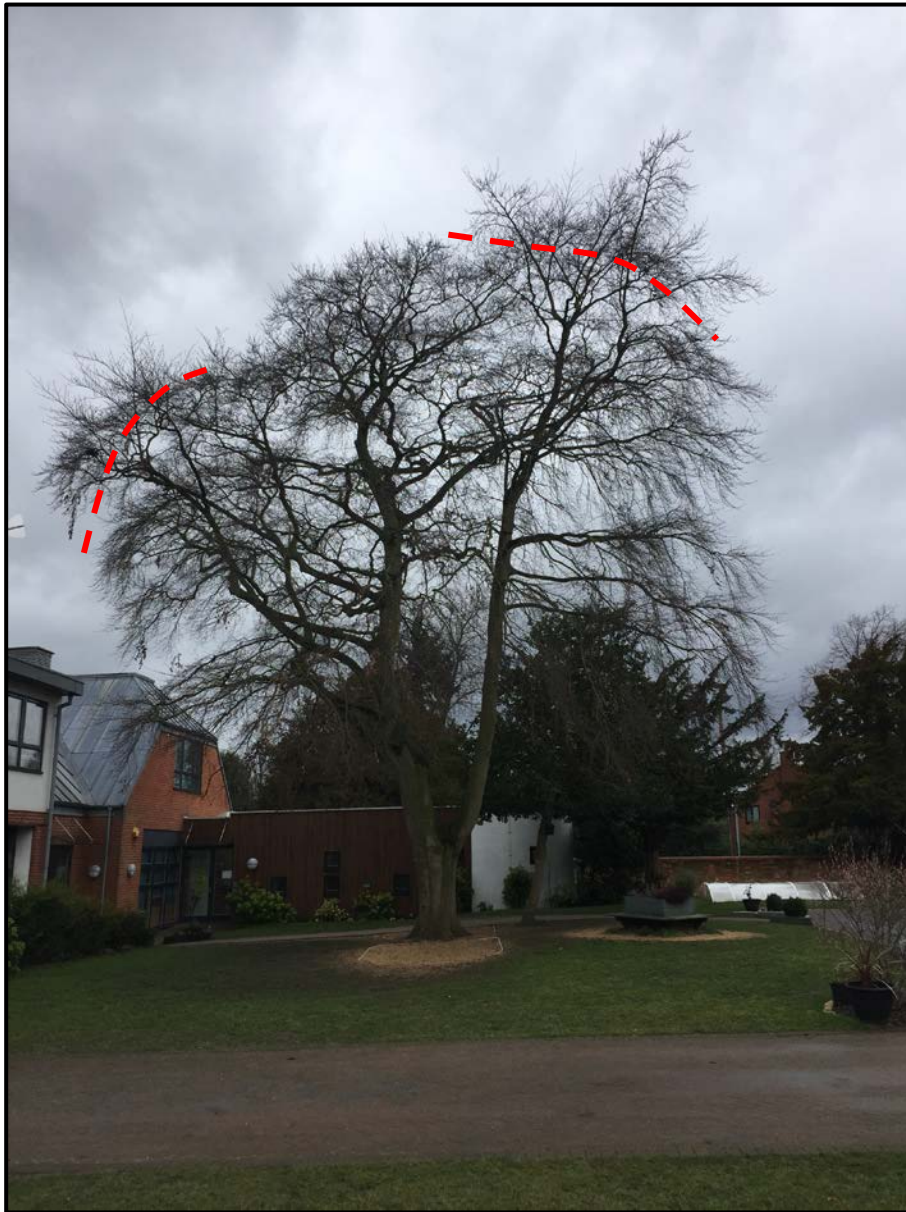


Photo 3 Tree T38 Kensington: Pruning Guidance



APPENDIX 6

Bibliography/Glossary

TREE GLOSSARY:

Adventitious:	Describing shoots, roots or other plant organs which develop other than in their normal position of origin (i.e. terminal/axillary buds).
Arboriculture	The cultivation of trees in order to produce individual specimens of the greatest ornament, for shelter, or any other primary purpose other than the production of timber.
Canopy	The uppermost layer of twigs or foliage in a woodland, tree or group of trees.
Chlorotic:	Chlorosis is an atypical colouring, usually yellowish, of foliage; often symptom of mineral nutrient imbalance or inadequate root function.
Crown	The spreading branches and the foliage of the tree supported by trunk(s).
Crown Cleaning:	The removal of dead, dying, crossing, diseased branches.
Crown Lifting:	The removal of lower limbs, generally back to the main stem or pruning lower secondary branches to give more clear space below the crown.
Crown Reduction:	The tree crown is reduced by shortening branches, usually carried out all round the crown or canopy to maintain a balanced shape. Partial reductions may be useful for preventing branches contacting buildings, roofs and guttering
Crown Thinning:	This reduces the density of the tree's crown without changing the shape and form of the tree. Thinning reduces the amount of foliage and allows more light through the canopy or crown. The amount is usually specified as a percentage (%) of the crown.
Dead wood	In some situations dead wood can pose a hazard as it can fall from the tree. However it also provides a range of habitats both when aerial and when on the ground.
Dieback	The death of a part of a tree, usually starting from the branch tips and progressing in stages.
Epicormics:	Pertaining to shoots or roots which are initiated on mature woody stems; shoots may form in this way from dormant buds or they may be adventitious.
Included Bark:	Bark of adjacent parts of the tree (usually in forks, acutely angled forks or basal flutes) which is a face-to-face contact, so that there is a weakness due to the lack of a woody union.
Occlusion:	The overgrowth of a wound with (callus) tissue which is produced subsequently.
Pollard	A tree cut once or repeatedly at a height above which grazing animals can reach the regenerating growth. Usually cut on a semi-regular basis with the whole or part of the crown removed.
Reaction Wood:	Usually laid down in wider annual increments than ordinary wood. Formed to help maintain the angle of a bent or leaning part of a tree by resisting the further bending downwards.
Soil compaction	Soil compaction restricts the growth of trees, damages roots and reduce infiltration of water into the soil which over prolonged periods of time will be detrimental to tree health.

Stress	In plant physiology, a condition under which one or more physiological functions are not operating within their optimum range.
Vitality	In tree assessment, an overall appraisal of physiological and biochemical processes, in which high vitality equates with healthy function.
Wound wood:	Wood formed in the vicinity of a wound. Can also be used to describe the occluding tissues around a wound.

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APPENDIX 7

Qualifications

Fiona Bradshaw

MicFor; RFS Dip Arb ;F. Arbor.A; Tech Cert (Arbor.A)

I have over 20 years' experience of arboriculture and I am the principal consultant at Sylva Consultancy. I hold the Royal Forestry Society's Professional Diploma in Arboriculture and the Arboricultural Associations Technicians Certificate. I am also a Chartered Arboriculturalist and I am a Fellow of the Arboricultural Association and Professional Member of the Institute of Chartered Foresters, of which I am also a registered Consultant.

I have the benefit of both a local authority and private practice background and I am frequently instructed to provide advice and assistance relating to trees and the planning process. I am also experienced at compiling expert reports, providing evidence and also appearing as an expert witness at Public Inquires.

I am committed to my continued professional development which is reflected in my regular attendance of seminars and workshops.