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Tree Survey & Management Plan

Site details:

La Sainte Union Catholic School
Entrance between 51 - 53, Croftdown Road
London
NW5 1EL

Client details:

La Sainte Union Catholic School

Date of Report:

9th June 2023

Report Reference:

AS/MF/0108/23

Report Prepared by:

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1.0 Introduction

1.1 This report has been commissioned by Ms V Rettich on behalf of La Sainte Union Catholic School, to survey, assess and provide recommendations for 100 no. trees and 2 no. groups (T1-T102) within the grounds of La Sainte Union Catholic School, Entrance between 51 - 53, Croftdown Road, London, NW5 1EL.

1.2 A site visit and survey was made on 2 June 2023 to survey and assess the trees.

1.3 The survey has been undertaken to provide a hazard assessment and management plan. The weather at the time of inspection was warm and dry with full canopy growth occurring for the early growing season.

1.4 The details of the subject trees are set out in the tree survey table in Appendix A. The trees were surveyed on the date and time shown above and the tree survey assessment information for the trees describing size, condition and surroundings is found in this appendix.

1.5 The trees surveyed are shown in a site plan, Appendix B, provided as DWG reference as follows:

T001: Tree Survey Site Plan

The trees numbered within the plan are also corresponding to the Tree Survey Schedule, Appendix A.

1.6 This report and the opinions within it have been produced without prejudice by Marcus Foster a qualified Arboriculturist with over 20 years experience and holding a National Diploma in Arboriculture, the Arboricultural Association's Technicians Certificate, Professional Tree Inspection Certificate (LANTRA) as well as a degree in History and Society. Work experience within the industry includes work as a Contracts Manager for an Arboricultural Association Approved Company, a Local Authority Tree Preservation Officer and an independent Arboricultural Consultant. As a consultant many of projects undertaken are in the inner London Boroughs of Islington, Hackney, Westminster, Camden, Southwark and RBKC, making Marcus Foster familiar with the most recent requirements of development and constraints on urban trees.

2.0 Survey Limitations

2.1 No soil excavation or root inspection was carried out.

2.2 This report only considers conditions at the time of inspection. As the inspection was only visual no guarantee can be given concerning the condition of the wood at present in any part of the trees inspected and furthermore that no future problems or deficiencies arise.

2.3 No internal decay devices/ invasive tools were used during this site survey.

2.4 This report is a hazard assessment survey and further investigations may be required in order to reach firm conclusions and/or recommendations for action.

2.5 It should be noted that trees are dynamic organisms and are subject to natural and environmental change.

3.0 Survey Details and Scope

3.1 The site survey included the 100 no. trees and 2 no. groups (T1-T102).

3.2 All trees were surveyed from ground level. The heights of the trees were estimated due to the limited space available for use of a clinometer. The diameters of the trunks were measured using a diameter tape.

3.3 The following information was recorded for each tree and is shown in the Tree Schedule included in Appendix A:

- Number: an identity number which cross references locations shown on the plan in Appendix A with the schedule in Appendix B.
- Species: listed by common names
- Tree Height: approximate height in metres
- Tree Spread: approximate height in metres
- Stem diameter: measured in millimetres (mm) and taken at 1.5m above ground level
- Age Class: Y (young); EM (early-mature); M (mature); OM (over-mature)
- Vigour: G (good); F (fair); P (poor); D (dead)
- Visual Condition: G (good); F (fair); P (poor); D (dead / dangerous / diseased)
- Structural conditions: Specific comments relating to each tree
- Management recommendations
- Priority Rating: Very High (VH); H (High); M (Moderate); L (Low)
- Inspection Priority: H (High); M (Moderate); L (Low)

3.4 The information contained within the report reflects the condition of the specimens examined at the time of the inspection. As the inspection was only visual no guarantee can be given concerning the condition of the wood at present in any of the trees inspected and furthermore that no future problems or deficiencies may arise.

3.5 Information recorded in the tree survey is expanded in the report findings and a maintenance programme specified in the recommended schedule of works has been included.

4.0 Tree Survey Summary

4.1 The survey included all trees as specified within the site survey plan and survey findings, located within boundary of the site and neighbouring where relevant. A works specification has been included within *Section 5*. This highlights all works, recommended to be carried out under the following priorities:

- Very High Priority Works (VH)

These works are recommended to be carried out within the next 5 days

N/A

- High Priority Works (H)

These works are recommended to be carried out within the next 3 months from the date of this report:

T2, T5, T28, T47, T53, T93, T102

- Moderate Priority Works (M)

These works are recommended to be carried out within 12 months of the survey having been carried out:

T1, T3, T4, T7, T8, T9, T12, T13, T15, T16, T19, T23, T27, T29, T34, T37, T38, T39, T41, T45, T54, T55, T56, T58, T59, T69, T72, T73, T74, T76, T77, T78, T79, T81, T82, T84, T85, T86, T87, T88, T89, T90, T91, T99

- Low Priority Works (L)

These works are recommended to be carried out within the next 3 years - from the date of this report:

T10, T18, T21, T35, T36, T42, T43, T49, T60, T61, T65, T66, G68 T80, T94, T96, T98

4.2 The survey schedule also includes priority ratings for re-inspection of the trees which should be adhered to for continued hazard assessment within the school environment.

Additional Tree Survey Notes

4.3 In addition to the Tree Survey & Report providing a Tree Works Schedule with a management priority system this section highlights key findings from the survey which have been highlighted for clarification where a hazard exists or where remedial works may affect the amenity value or usage of the school site.

Tree T4 - Sycamore

4.4 The significant open cavity within the main stem of T4 and seepage / decay associated requires for crown reduction. Photographs below summarise the tree:



Tree T4, Sycamore viewed to north



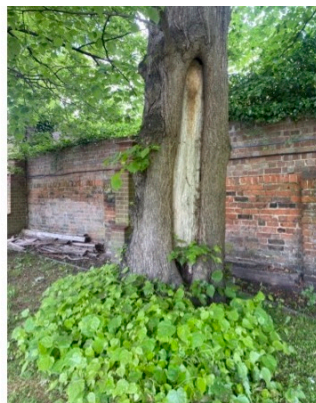
Open cavity to north of T4 with seepage and decay below

Tree T23, T27, T29 - 3 no. Lombardy poplar

4.5 The 3 no. Lombardy poplar trees are lapsed in management being over-extended within school grounds; T29 - exhibits recent storm damage associated with form. The trees require crown reduction to manage this form. Photographs below summarise the trees:



Tree T34 - Common lime viewed to west



Tree T34 - decay to main stem

Tree T28 - Horse chestnut

4.6 The Horse chestnut is in significant decline with major dead sections and bleeding canker with main stem exhibiting decay. The tree requires removal. Photographs below summarise the tree



T29 - Horse chestnut showing decay to main stem



T29 - Horse chestnut showing decay to main stem and initial buttress roots



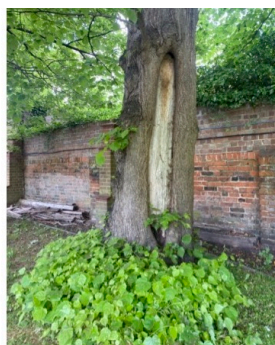
T29 viewed to west

Tree T34 - Common Lime

4.7 The Common lime is lapsed managed, originally as a pollard; significant cavity at base. The tree requires crown reduction. Photographs summarise:



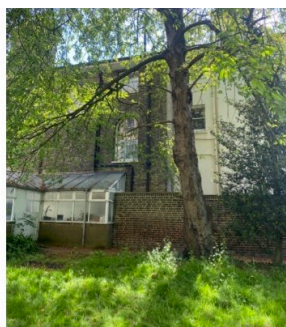
Tree T34 - Common lime viewed to west



Tree T34 - decay to main stem

Tree T47 - Cherry

4.8 Tree T47 is growing against neighbouring property Croft Lodge; the tree has fruiting bodies within open cavity and requires crown reduction works to mitigate: Photographs summarise:



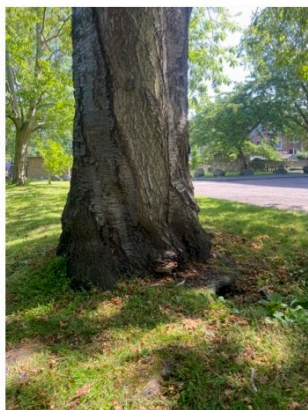
Cherry tree, T47 viewed to east



Cherry tree, T47 with open cavity and fruiting bodies to north @ 4m height

Tree T102 - Cherry

4.9 Tree T102 is an over-extended Cherry within rear entrance area. The tree with Gannoderma fruiting bodies requires crown reduction to manage over-extended form. Photographs below summarise the tree:



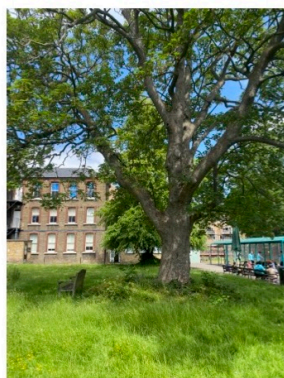
Tree T102, Cherry with Gannoderma fruiting body at base to west



T102 - over-extended form of T102

Overview of further findings

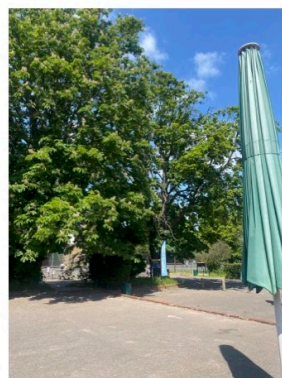
4.10 Further photographs summarise key elements of the site and survey findings:



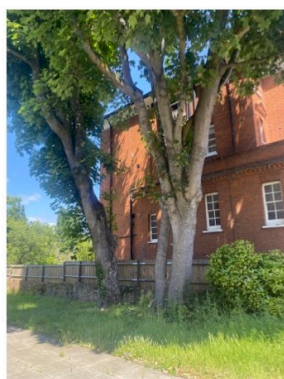
Mature Sycamore - tree T39



Cherry T41 over-extended against building



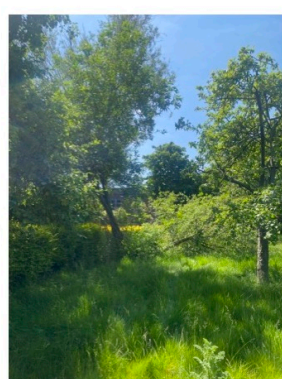
Horse chestnut, T53 requiring crown reduction



Sycamore x 2, T60, T61 on cyclical pruning regime



Tree T48, Cedar with low growth



Fallen willow, tree T69

Summary

4.11 The following priorities are applicable for continued management of the tree population within the school grounds:

- Implementation of HIGH PRIORITY tree works within the recommended 3 month imeframe
- Implementation of MODERATE PRIORITY tree works within the recommended 1 year timeframe
- Implementation of LOW PRIORITY tree works within the recommended 3 year timeframe

4.12 The survey schedule also includes priority ratings for re-inspection of the trees which should be adhered to for continued hazard assessment within the school environment.

5.0 Tree Works Schedule

5.1 Local Authority Permissions should be sought where applicable - checks should always be carried out prior to the commencement of any tree works. Statutory checks have been made and the following is applicable:

Local Planning Authority

London Borough of Camden

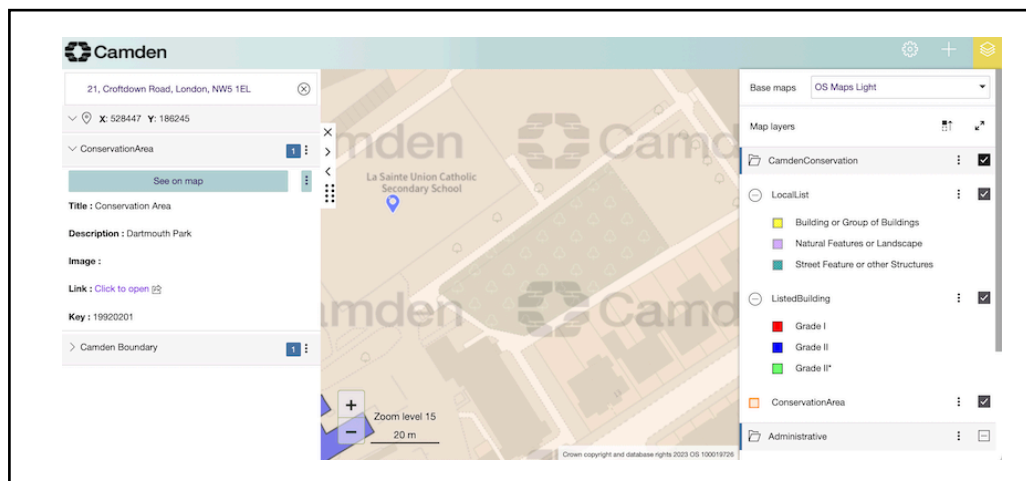
Conservation Area Status:

Dartmouth Park Conservation Area

Tree Preservation Order (TPO) Status:

Unknown

5.2 Statutory protection is relevant as confirmed below:



5.3 The following Schedules are provided within this section:

TREE WORKS SCHEDULE - HIGH PRIORITY WORKS

TREE WORKS SCHEDULE - MODERATE PRIORITY WORKS

TREE WORKS SCHEDULE - LOW PRIORITY WORKS

5.4 All work must be carried out to BS3998: 2010 Tree Work Recommendations

5.5 Wildlife & Habitat Protection Guidelines are as follows: The tree work specifications included within this report do not provide an exemption from the requirements to comply with the Wildlife and Countryside Act 1981, the Habitats Regulations 1994 and the Countryside and Rights of Way Act 2000, or any acts offering protection to wildlife. Of particular note is the protection offered to bats, birds and their nests, whilst being built or in use. It must be noted that failure to comply with the Acts may result in a criminal prosecution.

TREE WORKS SCHEDULE - HIGH PRIORITY WORKS
SITE: La Sainte Union Catholic School, Entrance between 51 - 53, Croftdown Road, London, NW5 1EL I. DATE: June 2023

Tree No.	Common Name	Tree Works
T2	Silver birch	Fell to ground level
T5	Ash	Remove major deadwood. Crown reduce height and spread 3-3.5m branch lengths.
T28	Horse chestnut	Fell to ground level
T47	Cherry	Crown reduce height/spread branch lengths of 3-3.5m. Crown lift to 4m. Remove major deadwood.
T53	Horse chestnut	Reduce height by branch lengths of 4.5-5m spread by 3-3.5m.
T93	Larch	Fell to ground level
T102	Birch cherry	Crown reduce height and spread 3-4m branch lengths. Crown lift to south.

TREE WORKS SCHEDULE - MODERATE PRIORITY WORKS - PAGE 1/3
SITE: La Sainte Union Catholic School, Entrance between 51 - 53, Croftdown Road, London, NW5 1EL I. DATE: June 2023

Tree No.	Common Name	Tree Works
T1	Silver birch	Crown lift to 3m height. Prune to give 2.5m clearance from building.
T3	Manna ash	Remove major deadwood. Prune western crown to give 2.5m clearance from building.
T4	Sycamore	Crown reduce height and spread 3-3.5m branch lengths.
T7 / T8 / T9	Sycamore	Crown reduce to previous reduction points 2.5-3m branch lengths, retaining soft furnishing growth.
T12	Manna ash	Remove major deadwood. Reduce height and spread 2.5m - 3.0m where required to reshape with balanced form.
T13	Manna ash	Remove major deadwood. Crown reduce southern crown at 5-10m height by 2.5-3m branch lengths to retain even flowing canopy outline.
T15	Norway maple 'Crimson king'	Crown lift to 4m height.
T16	Indian bean tree	Reduce to most recent reduction points pruning 2-2.5 meter branch lengths.
T19	English oak / Holm oak	Prune eastern crown by 1.5 to 2m branch lengths to give 2-2.5 meter clearance from building. Remove major deadwood.
T23 / T27 / T29	Lombardy poplar	Reduce height 5-6m to reduce over-extended form and shape to balance.
T34	Common lime	Remove major deadwood. Crown reduce height and spread by pruning branch lengths of 4-4.5m height to retain even and flowing canopy outline
T37	Horse chestnut	Remove major deadwood
T38	Common lime	Remove major deadwood. Remove epicormic growth at base to allow further inspection. Report any findings. Crown lift to 4m including removal of low branches to this height.
T39	Sycamore	Remove major deadwood
T41	Cherry	Crown lift to 3m height. Prune eastern crown 2-2.5m branch lengths to give clearance from building.

Arboricultural Report Reference: AS/MF/0108/23

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TREE WORKS SCHEDULE - MODERATE PRIORITY WORKS - PAGE 2/3
SITE: La Sainte Union Catholic School, Entrance between 51 - 53, Croftdown Road, London, NW5 1EL I. DATE: June 2023

Tree No.	Common Name	Tree Works
T45	Yew	Crown lift by a further 1.0m height over pavement.
T54	Horse chestnut	Remove major deadwood. Crown reduce height by 4m/spread by 3m-4.5m.
T55	Crab apple	Fell to ground level.
T56	Purple plum	Prune to give 1.5m clearance from building.
T58	Plum	Crown reduce height and spread 2.5-3.0m to give compact form. Prune to give 2m clearance of building.
T59	Plum	Fell to ground level.
T69	Willow	Fell to ground level.
T72	Common lime	Remove major deadwood.
T73	Common lime	Remove major deadwood. Reduce height by 1.5 to 2.0m to regenerate.
T74	Common lime	Remove major deadwood. Crown lift to 4m over tennis court.
T76	Common lime	Crown reduce height and spread 2-2.5m to retain balanced crown shape.
T77	Common lime	Remove major deadwood. Reduce remainder of crown 1.0-1.5m to give balanced compact crown shape.
T78	Common lime	Remove major deadwood. Reduce remainder of crown 1.0-1.5m to give balanced compact crown shape.
T79	English oak	Remove major deadwood.
T81	English oak	Remove major deadwood. Crown lift to 4m. Prune to give 3.0m clearance, structure pruning 2.0-2.5m branch lengths.

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TREE WORKS SCHEDULE - MODERATE PRIORITY WORKS - PAGE 3/3
SITE: La Sainte Union Catholic School, Entrance between 51 - 53, Croftdown Road, London, NW5 1EL I. DATE: June 2023

Tree No.	Common Name	Tree Works
T82	Black pine	Remove major deadwood. Prune laterals to east at 4-10m by 2-2.5m branch lengths to reduce and weighting. Remove lowest pendulous branch back to main stem (80mm diameter branch)
T84 / T85 / T87	Ash	Remove major deadwood.
T86	Willow	Reduce height and spread 4m branch lengths to re-establish compact shape.
T88	Ash	Remove major deadwood. Prune by branch lengths of 2.5-3.0m eastern crown
T89	Black pine	Prune eastern crown to give 2.5m clearance building.
T90	Ash	Remove major deadwood. Crown lift to 6m height. Prune to give 3m clearance building. Reduce south/south western crown where over-extended, 3-3.5m branch lengths to balance.
T91	Silver maple	Crown reduce northern crown by pruning 3.0-4.0m branch lengths. Crown lift to 5m.
T99	Manna Ash	Remove major deadwood. Crown lift to 5m height pruning sub 50mm diameter branches.

TREE WORKS SCHEDULE - LOW PRIORITY WORKS - PAGE 1/1
SITE: La Sainte Union Catholic School, Entrance between 51 - 53, Croftdown Road, London, NW5 1EL I. DATE: June 2023

Tree No.	Common Name	Tree Works
T10	Crab apple	Lift over driveway by a further 1.5m height.
T18	Apple	Remove major Deadwood.
T21	English oak	Remove adjacent sycamore.
T35	English oak	Crown lift to 4m height by pruning sub 50mm diameter branches. Remove major deadwood.
T36	Hornbeam	Prune to give 2.0m clearance from adjacent structure.
T42 / T43	Bay laurel	Remove 2 low branches to east to ground level. Crown lift remainder of crown to 3m. Thin sub 50mm diameter branches at base to reduce congested form.
T49	Silver birch	Crown lift by 1-1.5m over building.
T60 / T61	Sycamore	Crown reduce to previous reduction points, pruning 2-2.5m branch lengths.
T65	Horse chestnut	Remove deadwood. Pollard at 5.0m height.
T66	Pear	Prop with timber prop northern leader at 1.8m height.
G68	Pear / Apple	Fell 3 no. dead/dying trees.
T80	Ash	Fell to ground level.
T94	Cherry	Remove major deadwood.
T96	Manna ash	Remove major deadwood. Prune northern crown 2.0-2.5m branch lengths to give clearance from building.
T98	Hornbeam	Remove deadwood.

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Site: La Sainte Union Catholic School, Entrance between 51 - 53, Croftdown Road, London, NW5 1EL

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Appendix A:

Tree Survey Schedule

KEY TO TREE SCHEDULE

Number:

Identity number which cross reference locations shown on the plan in Appendix A with the schedule in Appendix B also

Species:

Listed by Latin name and / or common names as deemed appropriate

Tree Height:

Height in metres

Tree Spread:

Height in metres

Stem diameter:

Measured in millimetres (mm) and taken at 1.5m above ground level

Age Class:

Y (young)

Recently planted or established tree - less than 150mm diameter

SM (semi-mature)

Established tree but with significant growth to reach optimum size and form

EM (early-mature)

A tree at maturity but with potential for increased girth and spread which will continue to develop size and form

M (mature)

A mature specimen within final third of lifespan; limited increase in size and/or development of form

OM (over-mature)

A declining tree within latter stages of lifespan. Increased frequency within crown of structural defects and/or lower vigour are likely

V (Veteran)

A tree of significant physical, biological, cultural or aesthetic value which has lived beyond the typical lifespan relative to species. Structural defects are likely a prominent feature and require appropriate management in relation to the importance of the tree

Dead

The tree is dead and cannot be categorised within any of the above

Physiological Condition:

G (good)

- Generally in good health and condition - relative to species - and requiring no remedial action

- Minor deadwood may be evident although extent relative to species

- Leaf size, extension growth and crown density normal for species

F (fair)

- Tree is showing signs of stress including, although not exhaustive of - lowered crown density, excessive deadwood, excessive epicormic growth, selective dieback, pests and diseases, abnormal leaf size / extension growth

- The condition may be alleviated with remedial works / plant health care although these works should not be prioritised in relation to health and safety

P (poor)

- Tree is showing signs of significant physiological decline including overall crown dieback, stag headed form, very poor crown density, limited extension growth, bud burst and decline thereafter, pest infestation

- Remedial work is unlikely to provide improvement in physiological condition

D (dead)

- The tree is no longer alive with no physiological attributes evident

Structural condition:

G (good)

- Few minor defects with overall good structural condition

- Showing no adverse risk of failure/s

F (fair)

- A tree which has a structural defect (major in early / semi maturity or developing stages of life and minor in full maturity) which requires remedial action

- Structural defects could include significant compression forks, co-dominant stems, major deadwood, poor previous pruning, storm damage, limb failure, cavities, decay

- Tree may repair via self optimisation which could be dependant on species / age of tree. Or remedial tree works specified for management of defect

P (poor)

- Tree's structural integrity compromised from poor structural condition

- Major structural defects may include decay, cavity, fungal fruiting bodies, significant dead wood, hanging limbs, major storm damage, excessive and significant pruning wounds

D (dead)

Tree is dead

Comments & Observations

Further to inspection comments which relate to both the physiological and structural condition of the tree and any important site factors also

Management recommendations

Tree Works Specification in accordance with BS3998:2010 and where appropriate BS8545:2014

Work Priority Rating:

U (Urgent)Immediately / Make safe within 24 hours

VH (Very High)Within 5 Days Also appropriate where significant site constraints / infrastructure organisation exists to enable implementation / 5 day notice

H (High)Within 3 months

M (Moderate)Within 1 year

L (Low) Within 3 years and / or when budget allows for implementation - May refer to works related to aesthetics of the tree where deemed appropriate

Inspection Frequency

U (Urgent)Carry out as soon as possible - likely for an aerial inspector

VH (Very High)Within 30 days

H (High)Within 6 months

M (Moderate)Annually

L (Low) Every 3 years

MARCUS FOSTER - ARBORICULTURAL DESIGN & CONSULTANCY - TREE SURVEY
SITE: La Sainte Union Catholic School, Entrance between 51 - 53, Croftdown Road, London, NW5 1EL
SURVEY DATE: 2nd June 2023

Tree No	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Age Class	Visual Condition	Vigour	Condition Comments	Recommendations	Priority Rating	Inspection frequency
T1	Silver birch	12	340	9	EM	F	G	Southern crown growing directly against building. Balanced form otherwise low growth developing.	Crown lift to 3m height. Prune to give 2.5m clearance from building.	M	L
T2	Silver birch	10	210	6	SM	P	P	Tree is 40% dead; hazardous.	Fell to ground level	H	/
T3	Manna ash	15	400	9	EM	F	F	Absent crown to east. Major deadwood. Crown growing against building.	Remove major deadwood. Prune western crown to give 2.5m clearance from building.	M	L
T4	Sycamore	18	830	13	M	F	G	Lean to south west. Open cavity at 0.6m-1.0m to east - holding water. Further seepage/decay to buttress associated. Crown dominant to south/ west. Over-extended	Crown reduce height and spread 3-3.5m branch lengths.	M	L
T5	Ash	18	720	10	M	F	F	Sound at base where tested with mallet. Pruning wounds at base to 6m generally occluded. Fungal fruiting bracket to main stem at 3m height. Original pollard lapsed - recent reduction lapsed 3-4 years.	Remove major deadwood. Crown reduce height and spread 3-3.5m branch lengths.	H	L
T6	Rowan	8	200	4	SM	F	F	Ornamental; lean to north west.	No action required at present.	/	L
T7	Sycamore	14	310	7	EM	F	G	Crown dominant to east. Lapsed reduction points - 3-5 years.	Crown reduce to previous reduction points 2.5-3m branch lengths, retaining soft furnishing growth.	M	L
T8	Sycamore	14	380	6	EM	F	G	Crown dominant to north; lapsed reduction points - 3-5 years.	Crown reduce to previous reduction points 2.5-3m branch lengths, retaining soft finishing growth.	M	L
T9	Sycamore	14	540	8	M	F	G	Crown dominant to north and west; lapsed reduction points - 3-5 years.	Crown reduce to previous reduction points 2.5-3m branch lengths, retaining soft finishing growth.	M	L
T10	Crab apple	8	190	5	SM	F	G	Lean to south east over driveway. Strimmer damage to exposed roots.	Lift over driveway by a further 1.5m height.	L	L

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Tree No	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Age Class	Visual Condition	Vigour	Condition Comments	Recommendations	Priority Rating	Inspection frequency
T11	Tulip	11	310	7	SM	G	G	Developing form. Minor deadwood.	No action required at present.	/	L
T12	Manna ash	13	400	9	EM	P	F	Dieback to mid-upper crown. Over extended with deadwood to south over structure.	Remove major deadwood. Reduce height and spread 2.5m - 3.0m where required to reshape with balanced form.	M	L
T13	Manna ash	16	510	15	EM	F	F	Minor and major deadwood throughout. Defoliation from caterpillar. Growing directly against building to south - over extended to south.	Remove major deadwood. Crown reduce southern crown at 5–10m height by 2.5–3m branch lengths to retain even flowing canopy outline.	M	L
T14	Cherry	8	220	6	EM	F	F	Declining form; ornamental.	No action required at present.	/	L
T15	Norway maple 'Crimson king'	12	450	8	EM	F	G	Previously reduced; retains compact form. Overhangs playground.	Crown lift to 4m height.	M	L
T16	Indian bean tree	12	570	8	M	F	F	Decay to main stem at 1.8m; reaction wood. Previously reduced; lapsed 4 to 5 years. Dead sections developing.	Reduce to most recent reduction points pruning 2–2.5 meter branch lengths.	M	L
T17	Red horse chestnut	10	420	6	EM	F	F	Decay within main stem to 4m height (to south) Retains compact form.	No action required at present.	/	L
T18	Apple	6	180	6	M	F	F	Ornamental – deadwood throughout	Remove major Deadwood.	M	L
T19	English oak/Holm oak	16	440	9	EM	F	F	English oak with Holm oak growing from base to west. Low growth developing over pathway and building.	Prune eastern crown by 1.5 to 2m branch lengths to give 2–2.5 meter clearance from building. Remove major deadwood.	M	L
T20	Cherry	4	180	4	SM	F	F	Suppressed by T19; ornamental.	No action required at present.	/	L
T21	English oak	14	280	7	SM	F	F	Sycamore growing from base. Absent crown to east.	Remove adjacent sycamore.	L	L

Tree No	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Age Class	Visual Condition	Vigour	Condition Comments	Recommendations	Priority Rating	Inspection frequency
T22	Lombardy poplar	12	t/s 160	4	Y	F	F	Grown from suckering of previously removed tree.	No action required at present.	/	L
T23	Lombardy poplar	22	850	6	M	F	G	Union at 1.0-1.2m tight. Open crown at 15-20m between 2 main stems. Lapsed management.	Reduce height 5-6m to reduce over-extended form and shape to balance.	M	L
T24	Cedar	8	200	4	SM	F	F	Developing form.	No action required at present.	/	L
T25	Horse chestnut	14	680	10	M	F	G	Previously reduced; lapsed 2-3 years. Low growth developing off-site.	No action required at present.	/	L
T26	Horse chestnut	12	400	7	EM	F	G	Previously reduced; lapsed 2-3 years. Low growth developing off-site.	No action required at present.	/	L
T27	Lombardy poplar	22	900	6	M	F	G	Tight union at 2.0m - bifurcation with extended height vertically alongside T23.	Reduce height 5-6m to reduce over-extended form and shape to balance.	M	L
T28	Horse chestnut	15	960	9	SM	P	P	Ganoderma fruiting brackets to 0.5m height to south. Canker to main stems below original union. Major deadwood throughout including dead leaders of 200mm diameter +. Main stem with limited live cells to south.	Fell to ground level.	H	/
T29	Lombardy poplar	22	1030	7	M	F	G	Fractured leader to east at 9m. Decay pocket at base to west as indicated from sounding mallet and early signs of fruiting bodies. Lapsed management. Exposed crown further to storm damage.	Reduce height 5-6m to reduce over-extended form and shape to balance.	M	L
T30	Cherry	6	200	5	SM	F	F	Ornamental/developing form.	No action required at present.	/	L
T31	Cherry	6	200	5	SM	F	F	Ornamental/developing form.	No action required at present.	/	L

Tree No	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Age Class	Visual Condition	Vigour	Condition Comments	Recommendations	Priority Rating	Inspection frequency
T32	Apple	5	150	4	SM	F	G	Ornamental; crown suppressed to south by off-site tree.	No action required at present.	/	L
T33	Apple	5	150	4	SM	F	G	Ornamental; crown suppressed to south by off-site tree.	No action required at present.	/	L
T34	Common lime	9	940	10	M	P	F	Damage (bonfire possibly) at base to south east to 3m height - occluding. Cavity within main union of south east leaders at 7m height. Lapsed pollard at 10-12m height - 20-25 years. Major deadwood including overhang off-site.	Remove major deadwood. Crown reduce height and spread by pruning branch lengths of 4-4.5m height to retain even and flowing canopy outline	M	L
T35	English oak	16	1000	14	M	F	F	Crown dominant to south. Low spreading form. Low growth over tennis courts.	Crown lift to 4m height by pruning sub 50mm diameter branches. Remove major deadwood.	L	L
T36	Hornbeam	13	460	7	EM	F	F	Previously reduced; limited re-growth. Growing on adjacent structure.	Prune to give 2.0m clearance from adjacent structure.	L	L
T37	Horse chestnut	18	1100	10	M	F	F	Sound at base where tested with sounding mallet. Woodpecker damage at 5 and 7m to west. Declining vitality to upper crown. Selective dieback/deadwood.	Remove major deadwood.	M	L
T38	Common lime	17	770	8	M	F	F	Excessive epicormic growth at base - unable to fully inspect. Columnar form. Low growth developing. Major deadwood.	Remove major deadwood. Remove epicormic growth at base to allow further inspection. Report any findings. Crown lift to 4m including removal of low branches to this height.	M	L
T39	Sycamore	18	1070	14	M	F	F	Sound at base where tested with sounding mallet. Pruning wounds generally occluded - open decay pocket at 8m to west. Major deadwood. Declining mid-upper crown with low vitality.	Remove major deadwood.	M	L
T40	Magnolia	6	140	6	SM	F	F	Ornamental; developing form.	No action required at present.	/	L
T41	Cherry	9	440	9	M	G	G	Spreading form; previously cut back from building; lapsed.	Crown lift to 3m height. Prune eastern crown 2-2.5m branch lengths to give clearance from building.	M	L
T42	Bay laurel	9	m/s 200	7	EM	F	G	Congested multi-stem form with low growth developing.	Remove 2 low branches to east to ground level. Crown lift remainder of crown to 3m. Thin sub 50mm diameter branches at base to reduce congested form.	L	L
T43	Bay laurel	9	m/s 150	6	EM	F	F	Congested multi-stem form with low growth developing.	Remove 2 low branches to east to ground level. Crown lift remainder of crown to 3m. Thin sub 50mm diameter branches at base to reduce congested form.	L	L

Arboricultural Report Reference: AS/MF/0108/23

Site: La Sainte Union Catholic School, Entrance between 51 - 53, Croftdown Road, London, NW5 1EL

Prepared by Marcus Foster_June 2023

Tree No	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Age Class	Visual Condition	Vigour	Condition Comments	Recommendations	Priority Rating	Inspection frequency
T44	Cherry	8	390	8	EM	G	G	Ornamental; developing form.	No action required at present.	/	L
T45	Yew	11	490	10	EM	G	G	Low spreading form; low growth over highway.	Crown lift by a further 1.0m height over pavement.	M	L
T46	Holly	5	m/s 100	3	Y	F	F	Compact ornamental frm.	No action required at present.	/	L
T47	Cherry	14	670	9	M	P	F	Open cavity at 1.5m - occluding; cavity from fracture at 3.0m with fruiting bodies. Further open cavity to west at 4.0m. Lean to north growing on building line to south.	Crown reduce height/spread branch lengths of 3-3.5m. Crown lift to 4m. Remove major deadwood.	H	L
T48	Cedar	20	880	10	EM	G	G	Sited within constrained location. Minor decay pocket at base to west - tested with sounding mallet - sound. Balanced branch framework; deadwood throughout.	Remove major deadwood. Crown lift by removing all low branches to 5m height and lifting remaining low branches to 4m height by pruning sub 25mm diameter laterals.	M	L
T49	Silver birch	9	220	5	EM	F	G	Crown growing over building.	Crown lift by 1-1.5m over building.	L	L
T50	Silver birch	8	170	4	SM	F	F	Suppressed to east.	No action required at present.	/	L
T51	Laburnam	7	m/s 150	4	EM	F	F	Multi-stem - ornamental.	No action required at present.	/	L
T52	Yew	5	200	4	Y	F	F	Developing form.	No action required at present.	/	L
T53	Horse chestnut	16	1120	10	M	F/P	F	Significant open wound at 1.5-2.2m - fruiting brackets within from lost leader. Further lesser open cavity at 2.0-2.3m to west - holding water. Lapsed pollard at 12m height. Bifurcation at 2.5m-3.0m tight with dominant south leader.	Reduce height by branch lengths of 4.5-5m spread by 3-3.5m.	H	M
T54	Horse chestnut	15	1050	9	M	P	P/F	Canker/bleeding to main stem at 1.0m and within main crown also. Major deadwood/dead sections. Dieback notable to west.	Remove major deadwood. Crown reduce height by 4m/spread by 3m-4.5m.	M	L
T55	Crab apple	6	280	7	M	P	F	Tree is largely dead.	Fell to ground level.	M	L

Tree No	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Age Class	Visual Condition	Vigour	Condition Comments	Recommendations	Priority Rating	Inspection frequency
T56	Purple plum	6	m/s 150	5	SM	F	F	Ornamental; growing against building.	Prune to give 1.5m clearance from building.	M	L
T57	Yew	4	120	3	Y	F	F	Suppressed - limited form.	No action required at present.	/	L
T58	Plum	6	180	5	SM	F	F	Multi-stem form. Congested, growing against building; over-extended to north. Lapsed managed.	Crown reduce height and spread 2.5-3.0m to give compact form. Prune to give 2m clearance of building.	M	L
T59	Plum	7	150	5	SM	F	G	Inappropriate location; crown on building.	Fell to ground level.	M	L
T60	Sycamore	13	T/s 480	8	M	F	G	Fusion at 4m between 2 stems. Lean to south. Cyclically managed; lapsed 2 years.	Crown reduce to previous reduction points, pruning 2-2.5m branch lengths.	L	L
T61	Sycamore	13	650	7	M	F	G	Cyclically managed; lapsed 2 years. Lean to west away from building.	Crown reduce to previous reduction points, pruning 2-2.5m branch lengths.	L	L
T62	Atlantic cedar	9	380	6	SM	F	F	Developing form; selectively declining vigour. Accentuated buttress to north.	No action required at present.	/	L
T63	Plum	8	T/s 240	7	M	F	F	Lean to north east - within orchard area.	No action required at present.	/	L
T64	Cherry	10	440	8	M	F	F	Crown dominant to north; developing dieback. Deadwood throughout	Remove deadwood.	L	L
T65	Horse chestnut	10	T/s 380	7	SM	P	P	Tree is declining from leaf damp on base. Major deadwood including dead leader to east.	Remove deadwood. Pollard at 5.0m height.	L	L
T66	Pear	5	260	4	EM	P	F	Decayed main stem; within orchard area.	Prop with timber prop northern leader at 1.8m height.	L	L
T67	Pear	8	590	9	M	F	G	Mature spreading form within orchard area. Cavity at 1.5m occluding. Minor deadwood.	No action required at present.	/	L

Tree No	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Age Class	Visual Condition	Vigour	Condition Comments	Recommendations	Priority Rating	Inspection frequency
G68	Pear/Apple	4-8	100-300	-	Y-M	F	F	25 no. trees within orchard area. Low compact habit. Minor deadwood throughout.	Fell 3 no. dead/dying trees.	L	L
T69	Willow	9	m/s 200	7	SM	P	F	Multi-stemmed; north west stem has failed. South/east stems unstable.	Fell to ground level.	M	L
T70	Pear	9	480	6	M	F	G	Growing from privet hedge. Previously reduced - lapsed. Retains compact form.	No action required at present.	/	L
G71	Apple	2.5	m/s 200	-	Y-M	F	G	18 no. espalier apples cyclically managed - annually.	No action required at present.	/	L
T72	Common lime	10	m/s 280	7	SM	F	F	Congested union at base. Major deadwood. Small leaf size. Previously reduced with limited regenerate growth.	Remove major deadwood.	M	L
T73	Common lime	9	350	5	SM	F	P	Dieback evident throughout. Compact size from dieback.	Remove major deadwood. Reduce height by 1.5 to 2.0m to regenerate.	M	L
T74	Common lime	9	370	7	SM	F	F	Developing form; crown extending within tennis courts. Deadwood developing.	Remove major deadwood. Crown lift to 4m over tennis court.	M	L
T75	Common lime	9	380	7	SM	F	F	Congested form.	No action required at present.	/	L
T76	Common lime	9	360	8	SM	P	F	Open cavity at base to east; reaction wood developing to west.	Crown reduce height and spread 2-2.5m to retain balanced crown shape.	M	L
T77	Common lime	7	300	6	SM	P	P	Dieback within mid-upper crown. Not recovered from previous reduction.	Remove major deadwood. Reduce remainder of crown 1.0-1.5m to give balanced compact crown shape.	M	L
T78	Common lime	7	300	6	SM	P	P	Dieback within mid-upper crown. Not recovered from previous reduction.	Remove major deadwood. Reduce remainder of crown 1.0-1.5m to give balanced compact crown shape.	M	L
T79	English oak	16	1230	14	M	G	G	Tree is historic to site; balanced crown with limited pruning history recently. Major deadwood selectively.	Remove major deadwood.	M	L

Tree No	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Age Class	Visual Condition	Vigour	Condition Comments	Recommendations	Priority Rating	Inspection frequency
T80	Ash	15	t/s 220	7	SM	F	P	Very tight union at 1.0m. Major deadwood/ dieback throughout - overhanging main path.	Fell to ground level.	L	/
T81	English oak	15	780	10	EM	F	G	Crown spread to east and south. Major deadwood. Crown growing against structure to east. Low growth developing.	Remove major deadwood. Crown lift to 4m. Prune to give 3.0m clearance, structure pruning 2.0-2.5m branch lengths.	M	L
T82	Black pine	12	460	8	EM	F	F	Crown suppressed to north/east; over-extended. Major deadwood.	Remove major deadwood. Prune laterals to east at 4-10m by 2-2.5m branch lengths to reduce and weighting. Remove lowest pendulous branch back to main stem (80mm diameter branch)	M	L
T83	Pear	8	380	5	M	G	F	Ornamental; mature form.	No action required at present.	/	L
T84	Ash	14	m/s 360	7	SM	F	F	Multi-stemmed at base. Dieback developing. Major deadwood selectively.	Remove major deadwood.	M	L
T85	Ash	15	500	8	EM	F	P	Ash dieback evident. Suppressed to west. Major deadwood over orchard area.	Remove major deadwood.	M	L
T86	Weeping willow	9	600	10	M	F	G	Lapsed pollard - 8-10 years. Excessive lean to west with cavity in main pollard to south at 4m height.	Reduce height and spread 4m branch lengths to re-establish compact shape.	M	L
T87	Ash	18	680	10	M	F	F	Bifurcation at 3.0m sound. Relative compact crown. Major deadwood over site and off-site to south.	Remove major deadwood.	M	L
T88	Ash	18	890	12	M	F	F	Crown lifted. Decay in main leader at 11m height. Dieback developing. Dead sub over pathway. Low growth over building.	Remove major deadwood. Prune by branch lengths of 2.5-3.0m eastern crown.	M	L
T89	Black pine	9	300	6	SM	F	G	Suppressed to south. Crown growing on building.	Prune eastern crown to give 2.5m clearance building.	M	L
T90	Ash	18	850	13	M	F	F	Spreading form to north east and south/south west. Major deadwood. Early signs of decline.	Remove major deadwood. Crown lift to 6m height. Prune to give 3m clearance building. Reduce south/south western crown where over-extended, 3-3.5m branch lengths to balance.	M	L

Tree No	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Age Class	Visual Condition	Vigour	Condition Comments	Recommendations	Priority Rating	Inspection frequency
T91	Silver maple	7	760	14	M	F	F	Lean to north; over-extended to north growing over building. Low growth developing. Selective decline evident.	Crown reduce northern crown by pruning 3.0-4.0m branch lengths. Crown lift to 5m.	M	L
T92	Cherry	5	320	10	M	F	G	Ornamental; low spreading form, east to west.	No action required at present.	/	L
T93	Larch	14	450	6	EM	P	P	Tree is largely dead - live growth to approx 20% of crown.	Fell to ground level.	H	/
T94	Cherry	5	340	8	EM	F	F	Lean to west; large lateral resting on container. Suppressed. Deadwood to east.	Remove major deadwood.	L	L
T95	Silver birch	6	200	3	SM	F	F	Suppressed; poor form.	No action required at present.	/	L
T96	Manna ash	16	510	10	EM	F	F	Major deadwood selectively. Growing against building to north.	Remove major deadwood. Prune northern crown 2.0-2.5m branch lengths to give clearance from building.	L	L
T97	Cotoneaster	7	200	6	M	F	G	Ornamental; low domed form.	No action required at present.	/	L
T98	Hornbeam	4	60	1	Y	F	F	Newly planted tree; apical dieback.	Remove deadwood.	L	L
T99	Manna ash	16	500	14	EM	F	F	Spreading form. Deadwood developing notably to east. Root girdling at base. Low growth over driveway.	Remove major deadwood. Crown lift to 5m height pruning sub 50mm diameter branches.	M	L
T100	Damson	8	t/s 120	4	EM	F	F	Ornamental; boundary tree.	No action required at present.	/	L
T101	Alder	11	380	6	SM	F	F	Declining vigour to upper crown.	No action required at present.	/	L
T102	Bird cherry	14	660	12	M	P	F	Ganoderma fruiting body at base to north; overhanging site office to north and access/parking. Climber clad to 8m to north. Low growth over driveway. Congested union 2.5-4.0m	Crown reduce height and spread 3-4m branch lengths. Crown lift to south.	H	M

Appendix B

Tree Survey Site Plan

La Sainte Union Catholic School
Entrance between 51 - 53, Croftdown Road
London
NW5 1EL

Date:
June 2023

Drawing Reference:
T001

APPENDIX B: TREE SURVEY SITE PLAN

SITE: La Sainte Union Catholic School, Highgate Road, London, NW5 1RP

DWG REFERENCE: T001



*Maps and canopies not plotted via GIS
June 2023
Prepared by Marcus Foster*

Arboricultural Report Reference: AS/MF/0108/23

Site: La Sainte Union Catholic School, Entrance between 51 - 53, Croftdown Road, London, NW5 1EL

Prepared by Marcus Foster_June 2023

Appendix C: References

1. Principles of Tree Hazard Assessment and Management, Lonsdale, D. (Department for Transport, Local Government and the Regions, 1999).
2. Trees in Britain, Philips, R. (Pan Books, 1978)
3. Diagnosis of Ill-health in Trees, R.G. Strouts & T.G.Winter (Department for Transport, Local Government and the Regions, 1994).
4. BS3998: Tree Work – Recommendations (2010)