



Rebecca Peace

arboriculture

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Tree Health & Safety Report 2021

University College London

(Main Address) Gower Street, London WC1E 6BT

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The Consulting Arborist Society

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1.0 Introduction

1.1 Purpose of this Document:

This report was commissioned to do the following:

- To assess the health and safety of all trees within the boundaries of sites below and to recommend remedial works and to advise on any other concerns regarding the health and safety of the trees.

Building Name	Address
Ifor Evans complex	109 Camden Rd, London NW1 9HZ
Main Quad: Wilkins Building Front Quad MB	Gower St, London WC1E 6DH
Main Quad: Wilkins Building Japanese Terrace Garden MB	Gower St, London WC1E 6DH
Main Quad: South Wing MB	Gower St, London WC1E 6DH
Main Quad: Gordon Square houses	Gower St, London WC1E 6DH
Main Quad: Henry Morley Gardens	Gower St, London WC1E 6DH
Main Quad: Foster Court	Gower St, London WC1E 6DH
Main Quad: IRC Laboratory Building/MRC	Gower St, London WC1E 6DH
Main Quad: Andrew Huxley Building	Gower St, London WC1E 6DH
15 - 23 Endsleigh St John Adams Hall	15-23 Endsleigh St, London WC1H 0DP
Campbell House West	Taviton St, London WC1H 0BW
Campbell House East	Taviton St, London WC1H 0BW
John Tovell House 89,93-97	93 Gower St, London WC1E 6AA - Across the road
20 - 26 Bedford Way	Bedford Way, London, WC1H 0DB
Chandler House	2 Wakefield Street, London WC1N 1PF
Ramsay Hall	20 Maple St, London W1T 5HB
Schafer House	168-182, Drummond St, London NW1 3HZ
Langton Close/Frances Gardner	Langton Close Wren Street, Grays Inn Rd, London WC1X 0HD
James Lighthill House	3 Penton Rise, London WC1X 9EN
Bernard Johnson House	78 Fortis Grn, London N2 9EX
Institute of Orthopaedics (All Stanmore sites)	Brockley Hill, Stanmore HA7 4AP
Clare Hall	Blanche Lane, South Mimms, Potter's Bar, Hertfordshire EN6 3LD.
Goldsmid House (Note: No trees but on list)	Goldsmid House, 36 Gillingham St, London SW1V 1HU

1.2 **Scope of the Report and Survey**

The scope of the Tree Safety Report is to offer guidance on the management of trees that have the potential to impact on staff, students and visitors to the site and in doing so it provides the landowner with a defensible risk management system that shows:

- A clear audit trail.
- A tree risk assessment.
- A clear management system to detail what action should be taken to reduce the risk and remove the hazard.

The general principles of the tree risk survey have been defined by the National Tree Safety Guidelines document 'Common Sense Risk Management for Trees' this publication is available to download from the Forestry Commission website. [Click on link.](#)

1.3 **Concise Summary**

The full appraisal of the tree safety inspection is found in the Tree and Group data in **Appendix 1**.

1.4 **Birds, Bats and Habitats**

The Wildlife and Countryside Act 1981 (amended by the Countryside and Right of Way Act 2000) provides statutory protection to birds and other protected species that may inhabit trees.

It is essential to check for nesting birds, bat roosts, badgers and hibernating animals such as hedgehogs under trees before pruning or removing trees as negligent disturbance is an offence under the EC Habitat Directive 1992 and CROW Act 2000.

In general, autumn tree work, in September, October and November is least disruptive to bats and birds.

1.5 **Survey Details and Methodology**

- The survey took place during the month of December 2021
- The survey was conducted by Rebecca Peace. LANTRA accredited Professional Tree Inspector, QTRA Registered User, (Quantified Risk Assessment in Trees) and experienced Arboriculturalist.
- Inspection was made at ground level using Visual Tree Assessment methods. Visual Tree Assessment techniques (VTA¹) are generally non-invasive (unless open cavities are present which can be probed from ground level).
- All trees on site been inspected and recorded for tree health and safety. In woodland areas and trees on third party land **only** trees with work prescriptions have been recorded.
- Weather Conditions on the 1st of December 2021: Cold and overcast

1. DoE publication "The Body Language of trees a handbook of failure analysis" by Claus Mattheck and Helge Breloer

1.6 **Marking Trees and Mapping**

The positions of the trees have been mapped accurately using GPS and aerial mapping which will make identification easier. Tags already in place on the trees have been used. If no tags on trees then numbering has been kept simple and mapping and photo links will identify trees.

An internet link has also been provided which will open a custom-made google map with all details included in the report in an easily accessible format. All trees and groups will have photographs. For interactive map of all trees and all tree positions [Click Link.](#)

1.7 **Validity**

Trees are biological organisms and change with time. Each site will have a recommendation of a resurvey time frame from the date of inspection, or until a major storm is experienced, after which time a re-inspection is recommended but not always necessary. The contents are intended for the sole use of the clients only. No liability is accepted for their use by any other parties.

3.0 **Status of the Trees**

3.1 Conservation Area Orders and Tree Preservation Orders are in place on a number of the sites. Some Local authorities have no information regarding either legislation and so it is advised before any work begin not find out any legal status that the trees will have.

4.0 **Tree Descriptions and General Recommendations**

4.1 Full details of all individual trees surveyed are recorded in the tables in **Appendix 1**. A full explanation of the tables can be found at **Appendix 4**. Please refer also to the Tree Position Plan at **Appendix 3** for tree locations.

5.0 **Discussions & Recommended Works on Hazardous Trees and other Works**

5.1 **The Risks:** The trees have been surveyed with practicality and common sense in mind. Within the survey the hazards have been identified, the associated risks have been evaluated and work recommendations provided to control the risk. For instance, a “Fell” recommendation has been put onto damaged, dead or diseased trees that will impact onto the surrounding buildings or public areas if they fall. If the associated risk is very minor and is not a safety concern then no recommendation has been given.

5.2 All other tree pruning works and fells have been recommended for reasons of safety and to ensure the long term health of the trees and to benefit the long-term development of adjacent trees, as detailed at **Appendix 1**.

5.3 Where a full detailed inspection of trees was inhibited by restricted access or by the presence of ivy, epicormic shoots and understory vegetation, as detailed at **Appendix 1**, a concise inspection was carried out and a judgement made on what could be seen.

5.4 On undertaking the recommended works, the arborist/tree surgeon must without delay report any defects that become apparent while climbing or working on the tree/s in question. Those defects must be reported immediately to the relevant manager or supervisor to enable the appropriate remedial action.

Appendices

Appendix 1: Tree Data and Recommendations for All sites UCL 2021

[Use this link for map with all tree Positions](#)

Google map Tree Position	Campus/site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Ifor Evans	G1	Magnolia, Shrubs	15	Early Mature	Fair	Fair			Low shrub area. Car park in will need work after 12m	Photo
Tree Position	Ifor Evans	902	Lime	18	Mature	Fair	Fair	Remove deadwood throughout crown	Low	Cavity at 4m. Old pollard. Narrow tree with nesting birds and buried buttress. Low usage area	Photo
Tree Position	Ifor Evans	T903	Lime	17	Mature	Fair, Poor	Fair			Next to wall. Cavity at 3m, no concerns on this survey. All ivy removed but buried buttress	Photo
Tree Position	Ifor Evans	904	Indian bean tree	18	Mature	Poor	Fair			Cavities and old wounds. Decay checked. Important tree a good specimen. 2021 decay and old wounds checked.	Photo
Tree Position	Ifor Evans	905	Pine	16	Semi Mature	Fair	Fair			No concerns	Photo
Tree Position	Ifor Evans	906	Larch	22	Mature	Fair, Poor	Fair			Very close to bungalow. In garden. Large tree very close to building. Will need to think about removal in 2 to 3 years as will undermine housing.	Photo
Tree Position	Ifor Evans	907	Goat Willow	11	Early Mature	Poor, Dead	Fair	Remove tree and do not replant	Medium	Dead in crown over garden in bungalow 2.	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Ifor Evans	G2	Maple	16	Semi Mature	Fair	Fair			Group of 8 trees on tennis court One is in no- man's land near to garages on neighbouring property. Is damaging garages. This will be an owner issue.	Photo
Tree Position	Ifor Evans	G3	Apple	8	Mature	Fair, Poor	Fair			Two fruit trees with deadwood and Ivy. Area not used no target.	Photo
Tree Position	Ifor Evans	908	Horse chestnut	16	Early Mature	Poor	Fair with issues			Slight bleeding canker on main stem. Decay evident but an important tree. Again cracked buy good wound wood. No concerns.	Photo
Tree Position	Ifor Evans	909	Horse chestnut	17	Mature	Fair, Poor	Fair			Cracks and Decay in localised areas. Cavity at 2.2m Both 908 and 909 are grafted	Photo
Tree Position	Ifor Evans	910	Weston Red cedar	22	Mature	Fair	Fair			Metal pole sticking out from base. Dangerous - remove. 2021 still there	Photo
Tree Position	Ifor Evans	911	Weston Red cedar	21	Mature	Fair	Fair			Part of a group of three.	Photo
Tree Position	Ifor Evans	912	Weston Red cedar	22	Mature	Fair	Fair			As above apart from the pole!	Photo
Tree Position	Ifor Evans	913	Ornamental Hawthorn	16	Mature	Fair, Poor	Fair with issues	Sever and REMOVE as much Ivy as possible	Medium	Scrappy tree with management can be brought back to a good specimen. Still some dead ivy to remove will recover.	Photo
Tree Position	Ifor Evans	914	London Plane	23	Over Mature	Fair, Poor	Fair	Remove deadwood throughout crown	Medium	Large Tree	Photo
Tree Position	Ifor Evans	915	London Plane	26	Over Mature	Fair, Poor	Fair			Ivy removed. Very low target area but with new walkways.	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Ifor Evans	916	London Plane	28	Over Mature	Poor	Fair			Roots lifting pavements. Check buildings as crack appearing still in 2021. Very low target area. Large exposed roots.	Photo
Tree Position	Ifor Evans	917	London Plane	26	Mature	Fair	Fair			Low target area.	Photo
Tree Position	Ifor Evans	918	Weeping Willow	23	Mature	Fair	Fair			All issues from last survey corrected. Pavement is now straight. Pollarded approximately 1 year ago and no concerns. Cavity inspected and no concerns on this survey	Photo
Tree Position	Ifor Evans	919	Ash	22	Mature	Fair	Fair			Leaning towards building. Root plate checked no issues.	Photo
Tree Position	Ifor Evans	920	Tree of Heaven	25	Mature	Fair, Poor	Fair	2021: Sever and REMOVE as much Ivy as possible.	Medium	Remove epicormics through fence on low priority	Photo
Tree Position	Ifor Evans	921	Tree of Heaven	26	Mature	Fair, Poor	Fair	2021:Sever and REMOVE as much Ivy as possible	Medium	Close to fence and over road.	Photo
Tree Position	Ifor Evans	T922	Sycamore	26	Mature	Fair, Poor	Fair			Natural fusing at 3m	Photo
Tree Position	Ifor Evans	T923	Lime	28	Mature	Fair	Fair			Tall tree and will need to be pollarded back as Part of future management program within the next 3 years.	Photo
Tree Position	Ifor Evans	924	Lime	28	Mature	Fair	Fair			As part of a group of three at the front of property.	Photo
Tree Position	Ifor Evans	T925	Lime	26	Mature	Fair	Fair				Photo
Tree Position	Ifor Evans	T926	Lime	20	Early Mature	Fair	Fair			Previously reduced as near to entrance.	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Ifor Evans	T927	Himalayan Birch	17	Mature	Fair	Fair			No issues	Photo
Tree Position	Ifor Evans	928	Lime	19	Mature	Fair	Fair			Previous recent works.	Photo
Tree Position	Ifor Evans	929	Cherry	10	Early Mature	Fair	Fair			Pavement is lifting. Lower small diameter deadwood. Bacterial canker starting on main stem. Will need to monitor on next survey.	Photo
Tree Position	Ifor Evans	930	Cherry	10	Early Mature	Fair	Fair			Slightly sparse crown.	Photo
Tree Position	Ifor Evans	931	Lime	23	Mature	Fair	Fair			Good specimen tree.	Photo
Tree Position	Ifor Evans	G4	Cherry	5	Young	Poor	Fair			Three small trees in bed with Laurel over bench. No concerns 2021. Lifting pavement will need to be addressed as is a trip hazard	Photo
Tree Position	Ifor Evans	932	Sycamore	17	Mature	Fair	Fair			Previous pollard.	Photo
Tree Position	Ifor Evans	933	London Plane	26	Mature	Fair	Fair			Recent previous works	Photo
Tree Position	Ifor Evans	934	Lime	25	Mature	Fair	Fair			Leaning into wall and over bus stop. Wall ok will need annually monitoring.	Photo
Tree Position	Ifor Evans	935	Lime	26	Mature	Fair	Fair			Previous recent works.	Photo
Tree Position	Ifor Evans	936	Lime	19	Mature, Early Mature	Fair	Fair				Photo
Tree Position	Ifor Evans	937	Lime	19	Mature	Fair	Fair			Previous pollard	Photo
Tree Position	Ifor Evans	160	Unknown	15	Early Mature	Fair	Fair			Heavy lean over neighbouring properties but not an issue.	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Ifor Evans	657	Buck eye.	13	Mature, Early Mature	Fair, Poor	Fair with issues			Damage on main stem and going up through a main stem. Good wound wood developing so can leave until next survey.	Photo
Tree Position	Main Quad	1403	Lime	16	Early Mature	Fair	Fair			Tree on entrance, could be pollarded at some point. Matting on the base to protect exposed roots. Near to building. Fairy lights in crown	Photo
Tree Position	Main Quad	1404	Gingko Biloba	19	Early Mature	Fair	Fair			As normal for species branches reach out for light. Twin stem at 1m. Slightly included union. Fairy lights and ratchet straps in tree as temporary structure underneath.	Photo
Tree Position	Main Quad	1943	Tulip Tree	5	Young	Fair	Fair			Small tree as a replacement	Photo
Tree Position	Main Quad	1411	Gingko	17	Early Mature	Fair	Fair			Has dropped a couple of branches previously. Summer branch drop as no deadwood in crown. Marginal necrosis on this tree. 2021: Still slight marginal necrosis. Not as severe as last year. Will need to be monitored again	Photo
Tree Position	Main Quad	1410	Gingko	19	Early Mature	Fair	Fair			This tree has been reduced (pollarded) previously and the smaller branches produced are now	Photo

Google map Tree Position	Campus/site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
										falling. The branches are small and risk of injury is low. No works recommended as not a safety issue	
Tree Position	Main Quad	1409	Lime	16	Early Mature	Fair	Fair			Still lifting 2021. Grill on root plate is lifting and near to bikes, causing a trip hazard. Will need to be re designed to fit growing tree. Nesting birds. Fairy lights in crown.	Photo
Tree Position	Main Quad	1406	Lime	22	Mature	Fair	Fair with deadwood			Recent works completed and old piece of deadwood noted in last survey has fallen	Photo
Tree Position	Main Quad	1944	Lime	17	Early Mature	Fair	Re path as in notes			Still a problem in 2021. Note that the roots re now lifting path and causing a trip hazard. Can be lifted and re-laid with porous substrate.	Photo
Tree Position	Main Quad	1408	Lime	23	Mature	Fair	Fair with issues	Remove old cabling wire on main stem.	Low	Recent works completed but old cabling brace wrapped around main stem at 7m still in place. Not a major issue but when new works issue it could be removed	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Main Quad	1946	Indian Bean Tree	9	Early Mature	Fair	Fair			Recent works, crown raised and opened up and deadwood removal. This is a commemorative tree. Bike park underneath. This will cause compaction for the roots and new deadwood will appear over time.	Photo
Tree Position	Main Quad	1419	Lime	17	Early Mature	Fair	Fair			As part of an avenue	Photo
Tree Position	Main Quad	1418	Lime	17	Early Mature	Fair	Fair			Recent works to reduce crown	Photo
Tree Position	Main Quad	1949	Lime	23	Mature	Fair	Fair with deadwood	Remove all deadwood in crown including small diameter.	Low	Recent works to reduce crown and remove deadwood	Photo
Tree Position	Main Quad	1416	Lime	24	Mature	Fair	Fair with deadwood			Recent crown reduction	Photo
Tree Position	Main Quad	1948	Lime	24	Mature	Fair	Fair with deadwood			Recent deadwood removal. Still some small diameter deadwood in crown but not an issue	Photo
Tree Position	Main Quad	1947	Lime	16	Early Mature	Fair	Fair			Deadwood removed	Photo
Tree Position	Andrew Huxley Building	1950	Chanticleer Pear	15	Semi Mature	Fair	Fair	Crown raise by 1m above cafe table	Medium	Above cafe area	Photo
Tree Position	Andrew Huxley Building	1951	Chanticleer Pear	10	Semi Mature	Fair	Fair				Photo
Tree Position	Andrew Huxley Building	1952	Chanticleer Pear	7	Semi Mature	Fair, Poor	Fair			Has not changed from last survey, smaller and weaker tree with sparse crown but stable for another year. 2021: Still weaker but slowly recovering.	Photo

Google map Tree Position	Campus/site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
										Now used as a wish tree. Tags in tree.	
Tree Position	Andrew Huxley Building	1424	London Plane	30	Over Mature, Mature	Fair	Fair with small hidden cavity under metal tag.			Tree is under stress as roots have been compromised by surrounding building and hard standing. No previous pollarding points. 2021: New small hidden cavity at 1m from base. No issue at moment but will need monitoring.	Photo
Tree Position	Andrew Huxley Building	1432	Robinia	17	Early Mature	Fair, Poor	Fair with deadwood	Remove all deadwood and reshape crown. 2021	Medium	Scrappy tree has deadwood from previous year and although not a high safety issue , the tree is above walkway	Photo
Tree Position	Andrew Huxley Building	1425	London Plane	26	Over Mature, Mature	Fair	Fair			Large tree causing subsidence in neighbouring building. This has already been addressed as crack measurement gauge already on wall. Tree large and near buildings. The tree will survive, the building won't. Previous pollard. Could be pollarded back 2021: Crack measuring quality has gone but issue is still apparent.	Photo

Google map Tree Position	Campus/site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Henry Morley	1953	London Plane	25	Over Mature, Mature	Fair	Fair			Large tree with no previous pollarded points. Deadwood is minimal. Tree has lean but stable at base. New bike shed at base with concrete footings. Surveys undertaken and no root damage. Only 3 weeks old.	Photo
Tree Position	Henry Morley	1954	London Plane	26	Over Mature, Mature	Fair	Fair			New bike shed in RPA. Surveys undertaken and no root damage in construction. These trees will need to be monitored	Photo
Tree Position	Henry Morley	1955	Sycamore	20	Mature	Fair	Fair			Compromised slightly by building and raised beds. Very small amount of deadwood.	Photo
Tree Position	Henry Morley	1430	London Plane	33	Over Mature, Mature	Fair	Fair with beginning of decay at base.	Resistograph survey recommended within 2 years	Low	Surrounded by tall buildings so protected but children's play equipment in neighbouring garden underneath.	Photo
Tree Position	Henry Morley	1431	Holly	10	Early Mature	Fair	Fair	Reduce sensitively back from building and windows.	Low	Very close to building	Photo
Tree Position	Foster Court	001	Silver Birch	17	Early Mature	Fair	Fair			No concerns, seating below	Photo
Tree Position	Campbell House East	167	London Plane	26	Mature	Fair	Fair	Sever and remove Ivy	Medium	With retaining wall behind.	Photo
Tree Position	Campbell House East	168	London Plane	28	Mature	Fair	Fair	Sever and remove Ivy	Medium	With retaining wall behind. Not pollarded. Old	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
										wounds at base, no concerns.	
Tree Position	Campbell House West	172	Ash	15	Early Mature	Fair	Fair			Singular tree in garden area. Odd bark for an Ash, no issue.	Photo
Tree Position	Endsleigh Gardens Hall	173	Horse Chestnut	18	Mature	Fair, Poor	Fair with lean	Remove lower smaller stems for access.	Medium	Lifting slabs but low usage area.	Photo
Tree Position	John Adams Hall	1	London Plane	20	Mature	Fair	Fair with lean			With lean over Gardens. Old pollard.	Photo
Tree Position	John Tovell House	169	London Plane	26	Over Mature, Mature	Fair	Fair with issues			Large base in raised bed. Has been previously pollarded possibly 2 to 3 years ago. Large burl on main stem, all checked no issue. Small <i>Ganoderma</i> at 50cm. This would be expected from a tree this big. Monitor each survey. Tree sounded and no concern on rest of tree. Decay will be localised at the moment	Photo
Tree Position	John Tovell House	170	Fig Tree	7	Over Mature	Fair	Fair	Crown raise by 1m above neighbouring building.	High	Low crown will start to damage neighbouring building. Wall ok for now.	Photo
Tree Position	John Tovell House	171	Lime	18	Mature	Fair	Fair			Epicormics recently removed from base. Pollarded in past but no need for repollard yet.	Photo
Tree Position	20 Bedford Way	667	Lime	10	Mature	Fair	Fair			In large planter so roots will be contained. Mypex ground cover still	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
										around trees. At some point larger holes for trees should be cut neatly.	
Tree Position	20 Bedford Way	666	Lime	18	Mature	Fair	Fair			As above	Photo
Tree Position	20 Bedford Way	660	Lime	16	Early Mature	Fair	Fair			As above	Photo
Tree Position	20 Bedford Way	670	Lime	4	Semi Mature, Young	Fair	Fair with lean			Smaller tree than others. Is growing on a heavy lean. Will need Mypex cutting to give more room.	Photo
Tree Position	20 Bedford Way	669	Lime	16	Mature, Early Mature	Fair	Fair			This tree will be contained root wise. No issue just to note for future management	Photo
Tree Position	20 Bedford Way	672	Lime	18	Mature	Fair	Fair				Photo
Tree Position	20 Bedford Way	671	Lime	12	Semi Mature	Fair	Fair				Photo
Tree Position	20 Bedford Way	673	Lime	18	Mature	Fair	Fair				Photo
Tree Position	20 Bedford Way	675	Lime	18	Early Mature	Fair	Fair				Photo
Tree Position	20 Bedford Way	674	Lime	18	Early Mature	Fair	Fair				Photo
Tree Position	20 Bedford Way	676	Lime	17	Semi Mature	Fair	Fair				Photo

Google map Tree Position	Campus/site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	20 Bedford Way	677	Lime	20	Mature	Fair	Fair			Larger tree than surrounding trees. Right on corner so roots will be contained. Small amount of deadwood but not an issue yet.	Photo
Tree Position	20 Bedford Way	668	Lime	16	Early Mature	Fair	Fair			Again on corner, will have contained roots	Photo
Tree Position	20 Bedford Way	679	Unknown Ash like buds	21	Mature	Fair	Fair			Large tree, slightly one sided. Some of the buds do not look viable, check in spring.	Photo
Tree Position	20 Bedford Way	2	Sycamore	8	Young	Fair	Fair			Two small self-set sycamore growing on raise vegetation wall. Third party tree behind.	Photo
Tree Position	Chandler House	1	Whitebeam	16	Early Mature	Fair	Fair			No concerns	Photo
Tree Position	Chandler House	2	Whitebeam	16	Early Mature	Fair	Fair			No concerns	Photo
Tree Position	Chandler House	3	Whitebeam	16	Early Mature	Fair	Fair			All three trees are no lifting paving slabs and are growing too big for metal grates. This will have to be changed within 1 to 2 years to be beneficial. Any time after after the tree will be damaged	Photo
Tree Position	Chandler House	4	Robinia	19	Mature	Fair	Fair			Slight leaning and large tree.	Photo
Tree Position	Ramsey Hall	943	Liquidambar	14	Young	Fair with issues	Fair			Seems to have lost leaves slightly early.	Photo
Tree Position	Ramsey Hall	944	Unknown	8	Young	Fair	Fair				Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Ramsey Hall	945	Liquidambar	10	Young	Fair	Fair			None	Photo
Tree Position	Ramsey Hall	946	Liquidambar	9	Young	Fair	Fair				Photo
Tree Position	Ramsey Hall	947	Liquidambar	14	Semi Mature, Young	Fair	Fair			Nice specimen tree	Photo
Tree Position	Ramsey Hall	948	Unknown	14	Young	Fair	Fair			Newly turned area. No issues.	Photo
Tree Position	Ramsey Hall	949	Unknown	15	Young	Fair	Fair			Near to seating area and bike park	Photo
Tree Position	Ramsey Hall	950	Purple Plum	14	Semi Mature	Fair	Fair	Sever and REMOVE Ivy. 2021	Low	In bed with ivy and large viburnum shrub.	Photo
Tree Position	Ramsey Hall	951	Liquidambar	13	Young	Fair	Fair			In shrub bed. Two dead twigs from another tree in crown	Photo
Tree Position	Schafer House	938	Hornbeam	21	Early Mature	Fair	Fair			Tall hornbeam. Previous works. Lower deadwood but not a concern for this survey 2021	Photo
Tree Position	Schafer	939	Hornbeam	18	Early Mature	Fair	Fair			One sided crown as near to building.	Photo
Tree Position	Schafer House	940	Hornbeam	15	Early Mature	Fair	Fair			Raised roots no issues.	
Tree Position	Schafer House	111	Sycamore	18	Over Mature, Mature	Fair, Poor	Fair with issues			Third party tree with hanging branches over boiler room and electric substation. Ivy obscuring. Crown raised since last survey with one small piece of deadwood in crown. New development underneath	Photo
Tree Position	Schafer House	941	Hornbeam	18	Early Mature	Fair	Fair			Squirrel damage on a number of branches.	Photo
Tree Position	Schafer House	942	Hornbeam	21	Early Mature	Fair	Fair			Squirrel damage on a number of branches. Lower deadwood, low target area.	Photo

Google map Tree Position	Campus/site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Schafer House	112	Hornbeam	16	Early Mature, Semi Mature	Fair	Fair			Taller trees because of position. Nesting birds	Photo
Tree Position	Schafer House	113	Hornbeam	16	Early Mature, Semi Mature	Fair	Fair			Taller trees because of position. Nesting birds	Photo
Tree Position	Frances Gardener and Langton Close House	1	Red Oak	9	Early Mature, Semi Mature	Fair	Fair			Myplex on ground will need opening up to give tree more room	Photo
Tree Position	Frances Gardener and Langton Close House	2	Red Oak	10	Semi Mature	Fair	Fair				Photo
Tree Position	Frances Gardener and Langton Close House	3	Red Oak	18	Early Mature	Fair	Fair			All trees 1 to 6 in this court yard will need to be sensitively reduced back from buildings within 2 to 3 years	Photo
Tree Position	Frances Gardener and Langton Close House	4	Red Oak	19	Early Mature, Semi Mature	Fair	Fair				Photo
Tree Position	Frances Gardener and Langton Close House	5	Red Oak	16	Early Mature	Fair	Fair				Photo
Tree Position	Frances Gardener and Langton Close House	6	Red Oak	15	Semi Mature	Fair	Fair				Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Frances Gardener and Langton Close House	7	London Plane	15	Mature	Fair	Fair			Pollarded	Photo
Tree Position	Frances Gardener	8	London Plane	15	Mature		Fair				Photo
Tree Position	James Lighthill House	1	Silver Birch	18	Early Mature	Fair	Fair			Slightly exposed roots.	Photo
Tree Position	James Lighthill House	2	Silver Birch	12	Early Mature, Semi Mature	Fair	Fair			Smaller tree, no concerns	Photo
Tree Position	James Lighthill House	3	Silver Birch	17	Early Mature	Fair	Fair				Photo
Tree Position	James Lighthill House	4	Himalayan Birch	12	Semi Mature	Fair	Fair			Slightly different to other as bark is whiter.	Photo
Tree Position	Bernard Johnson	1	Norway Maple	17	Mature	Fair	Fair with Ivy			Twin stemmed at base with Ivy mainly on main stem. Not an issue at the moment as very low target. Neighbouring garages. One sided crown as in competition with Third party Oak neighbouring.	Photo
Tree Position	Bernard Johnson	2	Sycamore	9	Mature, Early Mature	Fair, Poor	Fair with issues			No safety concerns but third party tree growing through fence. Recently reduced but slightly off BS 3998 standards. Low target and no concerns	Photo
Tree Position	Bernard Johnson	G1	Lime and Sycamore	19	Mature, Early Mature	Fair	Fair			These are boundary trees but technically belonging to	Photo

Google map Tree Position	Campus/site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
										neighbouring property. The trees have been maintained and are pollarded they have no issues at the moment. Two stems have been removed recently at the entrance	
Tree Position	Bernard Johnson	3	Lime	20	Mature	Fair	Fair			Old pollard but no concerns. Will need repollarding in 3 to 4 years.	Photo
Tree Position	Bernard Johnson	4	Maple sp.	18	Mature	Fair	Fair with Ivy	Sever and remove Ivy	Medium	High target area and over road. This could be third party tree as right on boundary.	Photo
Tree Position	Stanmore all areas	3230	Oak	20	Mature	Fair	Fair with deadwood	Remove deadwood and raise crown over bin store	Medium		Photo
Tree Position	Stanmore all areas	3221	Oak	18	Mature	Fair	Fair	Fell and remove	Medium	<p><i>Ganoderma</i> fungi bracket at base. Tree is growing through crazy paving, sounded and is hollow throughout.</p> <p>Not a heavy tree and has been reduced but very high target and with <i>Ganoderma</i> the risk is medium to high of failure. Already leaning. Note: Asbestos in neighbouring building roof.</p>	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Stanmore all areas	3222	Oak	16	Mature	Fair	Fair	Remove all deadwood in crown including small diameter.	Medium	Deadwood in tree and over car park	Photo
Tree Position	Stanmore all areas	3223	Oak	23	Mature	Fair	Fair	Remove all deadwood in crown including small diameter. High target and over entrance	Medium	Large piece of deadwood over entrance. Oak will hold on to deadwood and so on medium priority	Photo
Tree Position	Stanmore all areas	3222	Beech	16	Mature	Fair	Poor	Fell and replant	Medium	Leaning beech with beech bark disease and large fruiting body at base. Leaning over car park. Fruiting body indicates decay in main stem.	Photo
Tree Position	Stanmore all areas	3221	Oak	22	Mature	Fair	Fair	Remove all deadwood with in crown.	Medium	Large tree over road.	Photo
Tree Position	Stanmore all areas	W1	Woodland 1	19	Mature, Early Mature, Semi Mature	Fair	Fair with deadwood	Deadwood only the beech over hanging road and only on the area over road.	Medium	Beech, Oak, Young Sycamore. No concerns over younger trees near buildings	Photo
Tree Position	Stanmore all areas	3233	Silver Birch	18	Mature, Early Mature	Fair	Fair			Growing into barbed wire fence, no issue at the moment. Lower stubs, scrappy tree but not a safety issue	Photo
Tree Position	Stanmore all areas	3234	Oak	18	Mature	Fair	Fair with Ivy	Sever and remove Ivy	Medium	Sever and remove as much Ivy as possible. Don't sever and leave. Any issues or problem contact Arboricultural consultant (number on front page) Decay at base but only localised	Photo
Tree Position	Stanmore all areas	3235	Silver Birch	16	Early Mature	Fair	Fair				Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Stanmore all areas	3236	Ash	18	Mature	Fair	Fair with Ivy	Sever and remove Ivy	Medium	As above	Photo
Tree Position	Stanmore all areas	3237	Beech	18	Mature	Fair	Fair	Fell and replant	Medium	Two large Ganoderma at base under the lean of tree. Sounded at base and roots have been compromised by decay. Higher target area as near to carpark	Photo
Tree Position	Stanmore all areas	3219	Oak	20	Mature	Fair	Fair with Ivy				Photo
Tree Position	Stanmore all areas	3238	Silver Birch	17	Early Mature	Fair	Fair with Ivy	Sever and remove Ivy	Medium	In shrub bed	Photo
Tree Position	Stanmore all areas	Shrub	SHRUB	6	Mature, Early Mature	Fair	Fair	Reduce back from roof and gas bottle area	Medium		Photo
Tree Position	Stanmore all areas	3229	Silver Birch	20	Mature	Fair	Fair with cavities because of age				Photo
Tree Position	Stanmore all areas	7219	Maple sp. (possibly Purple)	15	Mature	Fair	Fair				Photo
Tree Position	Stanmore all areas	7216	Oak	21	Mature	Fair	Fair			Managed previously, possibly hospital tree. Is lifting new pavement, use a porous surface when re-laid.	Photo
Tree Position	Stanmore all areas	7214	Silver Birch	16	Mature		Fair				Photo
Tree Position	Stanmore all areas	7215	Silver Birch	15	Mature	Fair, Poor	Fair to poor			Cavities and old wounds, good wound wood	Photo
Tree Position	Stanmore all areas	7217	Lombardy Poplar	23	Early Mature	Fair	Fair				Photo
Tree Position	Stanmore all areas	7218	Lombardy Poplar	23	Early Mature	Fair	Fair				Photo
Tree Position	Stanmore all areas	G1		23	Mature		Fair				Photo
Tree Position	Stanmore all areas	3215	Silver Birch	20	Over Mature, Mature	Fair	Fair			Large tree in small grassed Courtyard	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Clare Hall	602	Lime	17	Mature	Fair	Fair			Pollarded previously, epicormics removed recently. Old cavity at 3.5m good wound wood.	Photo
Tree Position	Clare Hall	603	Lime	16	Mature, Early Mature	Poor	Poor	Monitor on next survey	High	Tree is in decline with signs of stress on main stem and in crown. Tree could be a commemorative tree? All buds in sparse crown look viable and so could recover. Sounded and no decay in main stem to cause concern.	Photo
Tree Position	Clare Hall	G1	Himalayan Birch and lower shrubs	11	Semi Mature, Young	Fair	Fair			Three Birch with lower shrubs. Slightly over grown but not a health and safety issue.	Photo
Tree Position	Clare Hall	604	Robinia	18	Mature	Fair	Fair with Ivy	Sever and remove Ivy	Low	Tree in enclosed area. Base ok.	Photo
Tree Position	Clare Hall	604a	Cherry	6	Semi Mature	Fair	Fair				Photo
Tree Position	Clare Hall	605	Silver Birch	21	Mature	Fair	Fair	Sever and remove Ivy	Low	Very low target	Photo
Tree Position	Clare Hall	606	Indian Bean Tree	19	Mature	Fair	Fair with Ivy	Sever and remove Ivy	Low	Large tree and important specimen tree. Tag is approximate at no access to base of all trees in this area.	Photo
Tree Position	Clare Hall	607	Silver Birch and Maple sp.	22	Early Mature	Fair	Fair with Ivy	Sever and remove Ivy	Low	Two trees, no safety concerns	Photo
Tree Position	Clare Hall	608	Lime	16	Mature	Fair	Fair			Old pollard and still with good shaped crown. Will need repollarding within 2 to 3 years	Photo

Google map Tree Position	Campus/site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Clare Hall	609	Lime	16	Mature	Fair	Fair				Photo
Tree Position	Clare Hall	610	Lime	17	Mature	Fair	Fair			Small diameter deadwood but over low target	Photo
Tree Position	Clare Hall	611	Lime	17	Mature	Fair	Fair				Photo
Tree Position	Clare Hall	615	Lime	16	Mature	Fair	Fair				Photo
Tree Position	Clare Hall	615a	Ash	13	Early Mature, Semi Mature	Fair	Fair with issues			Self-set Ash near to building. Previously reduced back from over building. Slight Ash dieback in crown will need to be monitored on next survey.	Photo
Tree Position	Clare Hall	613	Lime	16	Mature	Fair	Fair				Photo
Tree Position	Clare Hall	614	Lime	16	Mature	Fair	Fair				Photo
Tree Position	Clare Hall	No tag	Norway Maple	15	Early Mature	Fair	Fair with issues			Behind security fence but within wall to road. Commemorative tree to Mum and Dad Hardy. No access to base but is showing slight decline in one stem. Monitor on next survey.	Photo
Tree Position	Clare Hall	G2	Oak	20	Mature	Fair	Fair			Third party trees x 4 but over hanging UCL property. Large mature trees on road side. All checked and no safety issues	Photo
Tree Position	Clare Hall	618	Silver Birch	18	Mature	Fair	Fair				Photo
Tree Position	Clare Hall	618a	Cherry	3	Young	Fair	Fair			Young commemorative tree to John Foster.	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Clare Hall	619	Horse Chestnut	20	Mature	Fair	Fair with large cavity at rear, Good wound wood so no concerns. Commemorative tree to Lena Alexander				Photo
Tree Position	Clare Hall	620	Horse Chestnut	19	Mature	Fair	Fair			Commemorative tree to Peggy Fleming.	Photo
Tree Position	Clare Hall	624	Horse Chestnut	18	Mature, Early Mature	Fair	Fair				Photo
Tree Position	Clare Hall	623	Oak	17	Early Mature	Fair	Fair			One sided crown but not concerns	Photo
Tree Position	Clare Hall	622	Horse Chestnut	19	Mature, Early Mature	Fair	Fair				Photo
Tree Position	Clare Hall	621	Hawthorn	5	Mature, Early Mature	Fair	Fair				Photo
Tree Position	Clare Hall	621a	Yew	15	Early Mature	Fair	Fair			Again in no man lands. 9n between security fencing and boundary fence. No concerns for this tree	Photo
Tree Position	Clare Hall	0	Third party tree Ash	22	Mature	Fair	Fair	Remove low limb over hanging into UCL property.	Medium	This is a security issue and access can be gained easily.	Photo
Tree Position	Clare Hall	626	Silver Birch	15	Early Mature	Fair	Fair				Photo
Tree Position	Clare Hall	G3	Pine, Ash and lower shrubs	9	Young	Fair	Fair			One Ash and one pine with lower shrubs, only young trees , no issues	Photo
Tree Position	Clare Hall	629	Bird Cherry	14	Mature	Poor	Poor	Monitor through the next year.		Some of the buds look viable and but this tree has a large cavity on rear side facing trees. If area is to be developed this will need to be removed.	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Clare Hall	628	Holly	15	Mature, Early Mature	Fair	Fair				Photo
Tree Position	Clare Hall	627	Cherry	6	Semi Mature	Fair	Fair but scrappy			Scrappy tree over pathway	Photo
Tree Position	Clare Hall	630	Rowan/Mountain Ash	8	Semi Mature	Fair	Fair	Remove lower root stock epicormics, not a safety thing just for the aesthetics of the tree	Low		Photo
Tree Position	Clare Hall	631	Rowan/Mountain Ash	8	Semi Mature	Fair	Fair			Commemorative tree to Guy Chapman and Margaret Storm Jameson	Photo
Tree Position	Clare Hall	630a	Holly	7	Semi Mature	Fair	Fair	Remove back sensitively from building	Medium	Close to building, will need a one off pruning to shape crown to grow away from building	Photo
Tree Position	Clare Hall	630b	Pine	3	Young	Fair	Fair			Don't formative prune this tree for at least 5 years. Growing into a good shape.	Photo
Tree Position	Clare Hall	632	Oak	18	Mature	Fair	Fair			Has woodpecker holes in limb over air conditioning units. Can be monitored on next survey	Photo
Tree Position	Clare Hall	G4	Yew, Oak, Sycamore, Ash	23	Mature	Fair	Fair			Large group of trees on boundary of site. All mature and have had previous management. Low target from these trees.	Photo
Tree Position	Clare Hall	G5	Ash, Silver Birch, Maple sp.	12	Semi Mature	Fair	Fair			This is an over grown area with self-set trees in a shrub bed. This area will need to be completely renovated if the area	Photo

Google map Tree Position	Campus/ site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
										was to be used again. At the moment there is no health and safety issue but a large Ash near to the building will need stems removed with 2 to 3 year as very close to building.	
Tree Position	Clare Hall	599	Silver Birch	18	Mature	Fair	Fair				Photo
Tree Position	Clare Hall	598	Silver Birch	21	Mature	Fair	Fair			Large tree slight lean	Photo
Tree Position	Clare Hall	597	Silver Birch	16	Early Mature	Fair	Fair				Photo
Tree Position	Clare Hall	596	Bird Cherry	7	Early Mature, Semi Mature	Fair	Fair			Commemorative tree to Dr Reinhold, J Bioch J. E Wiener - Bloch	Photo
Tree Position	Clare Hall	595	Ash	19	Mature	Fair	Fair with issues			Large cavity but good wound wood, no concern this survey	Photo
Tree Position	Clare Hall	594	Silver Birch	15	Semi Mature	Fair	Fair			Slight lower deadwood, no issue	Photo
Tree Position	Clare Hall	593	Horse Chestnut	10	Mature, Early Mature	Fair	Fair			Leave are showing signs of Guignardia and leaf minor. Not fatal and tree will recover. Braced for safety at 6m	Photo
Tree Position	Clare Hall	591	Downy Birch	16	Early Mature, Semi Mature	Fair	Fair				Photo
Tree Position	Clare Hall	592	Silver Birch	16	Early Mature	Fair	Fair				Photo
Tree Position	Clare Hall	590	Mountain Ash	10	Early Mature	Fair	Fair				Photo
Tree Position	Clare Hall	589	Oak	17	Early Mature	Fair	Fair				Photo
Tree Position	Clare Hall	588	Norway Maple	16	Early Mature	Fair	Fair				Photo

Google map Tree Position	Campus/site Name	Tree No.	Tree Species	Height (m)	Age Class	Physiological Condition	Structural Condition	Recommended Work	Work Priority	Notes	Photo (Click on link)
Tree Position	Clare Hall	587	Maple sp.	15	Early Mature, Semi Mature	Fair	Fair			Commemorative tree.	Photo
Tree Position	Clare Hall	574 to 585	Lime	15	Semi Mature	Fair	Fair with issues			Group of 12 trees as boundary trees. Previous works already undertaken, Second tree from top, no tag, has large old wound cavity. Although large there is good wound wood which means healing and recovering.	Photo
Tree Position	Clare Hall	585a	Silver Birch	16	Early Mature, Semi Mature	Fair	Fair				Photo
Tree Position	Clare Hall	G6	Ash, Laurel, Robinia,	13	Early Mature, Semi Mature	Fair	Fair			As tree near to boundary wall is getting large but no issues	Photo
Tree Position	Clare Hall	574a	Silver Birch	15	Semi Mature	Fair	Fair	Remove stake and strapping. Too large for this now	Low		Photo
Tree Position	Clare Hall	574b	Goat Willow	8	Semi Mature	Fair	Fair				Photo
Tree Position	Clare Hall	G7	Ash, Buddleia	5	Young	Fair	Fair			No safety concerns.	Photo
Tree Position	Clare Hall	600	Maple sp.	6	Semi Mature	Fair	Fair with issues			Bad pruning has caused miss shape of tree.	Photo
Tree Position	Clare Hall	601	False Acacia /Robinia	16	Mature, Early Mature	Fair	Fair			Lifting slabs slightly but 9nly in low use area. Low diameter deadwood but no issue	Photo

- This report is designed to be used electronically with links to maps, photographs and data.
- Below are all the links to tree position maps for each site which can be opened on any device supporting a PDF reader. These can be printed.

Building Name	Address	Click here for Tree Position Map
Ifor Evans complex	109 Camden Rd, London NW1 9HZ	Click here for Map .
Main Quad: Wilkins Building Front Quad MB	Gower St, London WC1E 6DH	Click here for Map .
Main Quad: Wilkins Building Japanese Terrace Garden MB	Gower St, London WC1E 6DH	
Main Quad: South Wing MB	Gower St, London WC1E 6DH	
Main Quad: Gordon Square houses	Gower St, London WC1E 6DH	
Main Quad: Henry Morley Gardens	Gower St, London WC1E 6DH	
Main Quad: Foster Court	Gower St, London WC1E 6DH	
Main Quad: IRC Laboratory Building/MRC	Gower St, London WC1E 6DH	
Main Quad: Andrew Huxley Building	Gower St, London WC1E 6DH	
15 - 23 Endsleigh St John Adams Hall	15-23 Endsleigh St, London WC1H 0DP	
Campbell House West	Taviton St, London WC1H 0BW	Click here for Map .
Campbell House East	Taviton St, London WC1H 0BW	
John Tovell House 89,93-97	93 Gower St, London WC1E 6AA - Across the road	Click here for Map .
20 - 26 Bedford Way	Bedford Way, London, WC1H 0DB	Click here for Map .
Chandler House	2 Wakefield Street, London WC1N 1PF	Click here for Map .
Ramsay Hall	20 Maple St, London W1T 5HB	Click here for Map .
Schafer House	168-182, Drummond St, London NW1 3HZ	Click here for Map .
Langton Close/Frances Gardner	Langton Close Wren Street, Grays Inn Rd, London WC1X 0HD	Click here for Map .
James Lighthill House	3 Penton Rise, London WC1X 9EN	Click here for Map .
Bernard Johnson House	78 Fortis Grn, London N2 9EX	Click here for Map .
Institute of Orthopaedics (All Stanmore sites)	Brockley Hill, Stanmore HA7 4AP	Click here for Map .
Clare Hall	Blanche Lane, South Mimms, Potter's Bar, Hertfordshire EN6 3LD.	Click here for Map
Goldsmid House (Note: No trees but on list)	Goldsmid House, 36 Gillingham St, London SW1V 1HU	No map needed as no trees

Appendix 3: Key to Tree Data

Position:

Click on link for accurate tree position in Google maps (*use satellite layer for exact tree*)

Number:

Trees are recorded as numbers **942, 1323 / 645, 12** etc. Groups as **G1** etc. Woodland **W1, W2** etc.

Species:

The English name of the tree species.

Height

In metres.

Age:

The tree was ascribed to one of six age classes as follows:

Young	= the first third of the estimated life expectancy
Semi-Mature	= the second third of the estimated life expectancy
Early Mature	= the stage between second and last third of life expectancy
Mature	= the last third of the estimated life expectancy
Over-Mature	= Over Mature. In slow decline
Veteran	= Veteran (or near veteran status) - "Veteran" trees have no precise definition, but are trees considered to be of biological, aesthetic or wildlife interest, because of their age or trees in the ancient stage of their lives or trees that are old relative to others of the same species. Special measures, such as increasing the tree protective zone distances and selective surgery could significantly increase their useful life expectancies.

There may be some overlapping with the above categories.

Condition:

- EXCELLENT: tree is without any visible symptoms
- GOOD: no apparent problem with
- FAIR: minor problems with
- POOR: major problems with
- DEAD: Dead

Physiological Health:

This refers to the evident health of the tree and if any apparent diseases, pests or damaged areas are present within the tree. Abiotic and biotic factors are both recorded.

Recommendations:

Prescriptions for remedial actions to alleviate problems or defects within the tree.

Recommendations to fell are normally to ground level unless specified.

Appendix 4: Estimated Time Scales

It is strongly emphasised that these categories and figures are only guidelines which are applicable under normal circumstances only. The occurrence of extreme weather and other events beyond ones control do occur and so would have to take priority over recommended work.

Urgent

Target completion - within 24hrs

- Making safe of storm damaged trees in adverse weather conditions
- Large limbs snapped and hung up over high vehicular and pedestrian flow
- Trees that pose imminent danger to people or property

High Priority

Target completion – within 2 months

- Dead, dying, diseased and dangerous in high pedestrian and traffic flow areas
- Tree branches below 2.5mtrs over high pedestrian flow footpaths
- Tree branches below 5.2mtrs over high traffic flow roads
- Tree branches causing damage to property
- Trees with root plate movement

Medium Priority

Target completion – within 2 years

- As High Priority but without causing damage to person or property and in low risk areas
- Snapped limbs/branches on public open space with low pedestrian access

Low Priority

Target Completion – 2 years+

- All other general tree maintenance work that is causing no risk of harm to persons or property.

Appendix 5: Glossary of Terms & Abbreviations

- **Compression fork/Co-dominant stem.** Can be a failure point at a fork between two branches or limbs, which, as they grow, press against each other, causing a build-up of stresses similar to the effect you would get if a wedge were hammered into the fork. Increased end-loading as the limbs grow can lead to the fork failing.
- **Cracked bark.** Another indicator of structural weakness in the wood. It can be on the surface of reaction growth that has grown rapidly or it can show a shearing failure point, where the load on a branch/limb becomes too great and causes the grain of the wood to separate and fail.
- **Deadwood.** Twigs or branches in the crown of the tree which have died off. This can indicate the tree's inability to transport fluid and/or nutrients to its extremities signifying that the tree is under stress or has failing systems. It can also take place naturally when a branch affects a process known as "self-pruning". This occurs when the energy needed to sustain the live branch outweighs the energy it produces
- **Decay.** This can be minor, such as on the surface of a shallow wound, or severe, with large sections of the trees structure being decayed. It is a problem that can progress to the point where the tree collapses.
- **Epicormic growth.** This can sometimes indicate a problem within the tree's systems. Epicormic growth is produced by the tree to gain a greater ability to photosynthesize when it is in need of extra resources. Some trees, such as Lime, produce epicormic growth, particularly from the base, as part of their natural growth habit.
- **Lean.** A lean does not necessarily mean inherent instability but when a tree's stem loses structural integrity, it can become a hazard, especially if the weakness is on the side to which the tree is leaning.
- **Loosened bark.** This indicates a problem under the surface in either the wood or the inner layers of bark (cambium). Bark can fall away from decaying wood behind it, or can start to die off due to a range of reasons (bacterial infections etc). The bark can then no longer transport fluid or nutrients around the tree.
- **Mechanical Damage.** Damage caused by non-biological means i.e. vehicle impact or damage caused by animals trying to eat bark. Damage of this kind can penetrate into the structure and is more often found on the surface of the tree.
- **Reaction wood/growth.** Where weakness or decay within a tree occurs, the tree will grow material to compensate for it. It is often seen as 'cable' like structures with patches of uneven bark which indicate irregular growth patterns. Another form of reaction growth can be seen as 'bulges' on a trees structure. Large amounts of reaction growth indicate advanced decay or weakness within the tree structure.
- **Weak unions.** The unions between the stem (trunk) and structural limbs or branches sometimes develop weakly, and as the tree ages can become unstable. This can be exacerbated when the tree is affected by other problems. Also, certain tree species are prone to developing weak unions.



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