LONDON BOROUGH OF RICHMOND UPON THAMES

June 2023 – Reactive Tree Works Programme

Introduction

A survey of trees in the Twickenham Riverside, and St Margarets and North Twickenham wards are currently being undertaken; this is being conducted by specialist arboricultural officers as part of the scheduled 4 yearly detailed inspection regime that has been devised for all Council highway and parks trees.

On a monthly basis the Council's arboricultural officers undertake tree assessments that sit outside of the scheduled 4 yearly inspection programme, generally this is in response to customer enquiries.

These inspections take place to ensure that Council is compliant with the statutory duties which are highlighted within the Council's Adopted Tree Policy.

Recent reactive inspections have identified the need for 78 individual tree work operations to take place. This work will now be issued to the Council's Arborist Contractor KPS, for completion over the spring period.

Unfortunately, and as to be expected with surveys of a large treestock with specimen of varying age and condition, we have identified trees that can no longer be safely retained, and we will therefore be carrying out complete removal. The Council will aim to plant replacement trees during the next planting season which runs from November through to March; in some instances, this timing of planting may be affected by the available Highway Management resources that are required to repair disrupted pavements.

We will be erecting notices upon each tree being removed, alerting the public to the proposals giving sufficient time for residents to log enquiries. Prior to the removal taking place signage will be erected informing of a date of works, this is to make vehicle owners aware of the need to leave any parking space free to allow the works to proceed in a safe and timely manner.

The following pages provide the locations of each tree that is to be removed, in addition photographs and descriptions of the inspection findings have been provided.

Dated 16.6.2023

Contents

Barnes

Ward	Barnes
Road	Lonsdale Road
Location	Small Profit Garden Dock Gardens- ///What3Words-liability.love.exists
Species	Poplar (*Populus sp.*)
Height	6.5m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree was retained as a monolith for its habit value. However, it has now decayed to an unacceptable degree and removal is required to prevent natural failure.

Site images:

Image shows tree in street scene

Ward	Barnes
Road	Church Road
Location	Barnes Green
Species	Horse Chestnut (*Aesculus hippocastanum*)
Height	23.0m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	A fungal fruiting body of the decay pathogen *Ganoderma* sp. is present at the stem base. Colonisation by this fungus causes a white rot of the stem and root system that can cause entire trees to collapse through fracture or windthrow. A detailed investigation of this tree using sonic tomography revealed an unacceptable degree of decay, removal is required to prevent natural failure and manage risk.

Site images:

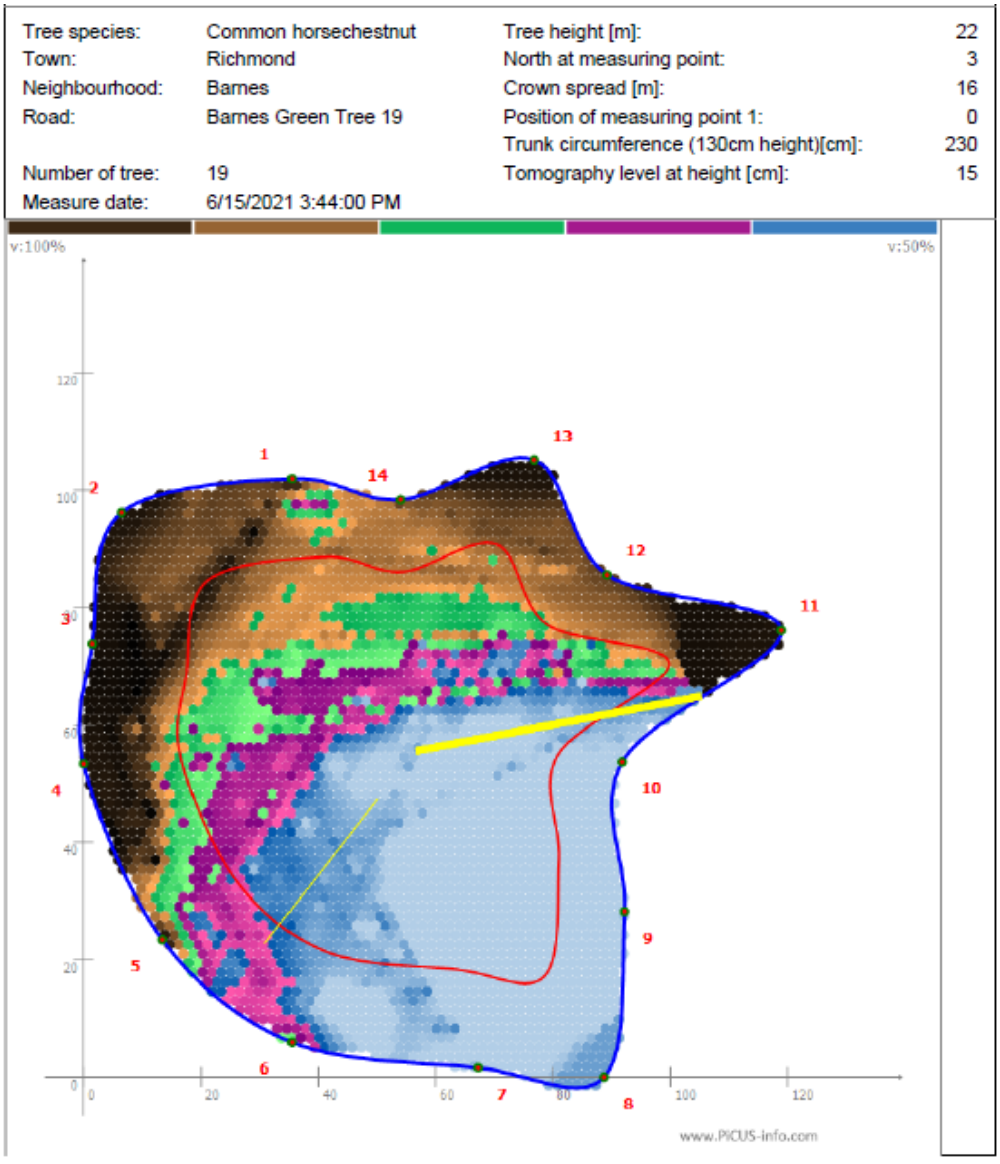


Image shows tomogram with blue and purple indicating extensive decay.

Image shows tree in park setting

East Sheen

Ward	East Sheen
Road	Church Avenue
Location	Outside 13/15
Species	Cherry (Prunus sargentii)
Height	7.0m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree is dead; removal is required to prevent natural failure and facilitate replanting

Site images:

Images shows dead tree

Ward	East Sheen
Road	Wellside Gardens
Location	Outside 1
Species	Cherry (*Prunus sp.)*
Height	7.0m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	This tree is in a state of physiological decline and contains weak branches that are liable to collapse. Removal is required to prevent natural failure and facilitate replanting

Site images:

Images show tree in a state of physiological decline

Fulwell and Hampton Hill

Ward	Fulwell and Hampton Hill
Road	Princes Road
Location	Outside 43
Species	Lime (*Tilia sp.*)
Height	14.5m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	A fungal fruiting body of the decay pathogen *Ganoderma* sp. is present at the stem base. Colonisation by this fungus causes a white rot of the stem and root system that can cause entire trees to collapse through fracture or windthrow. A detailed investigation of this tree using sonic tomography revealed an unacceptable degree of decay, removal is required to prevent natural failure and manage risk.

Site images:

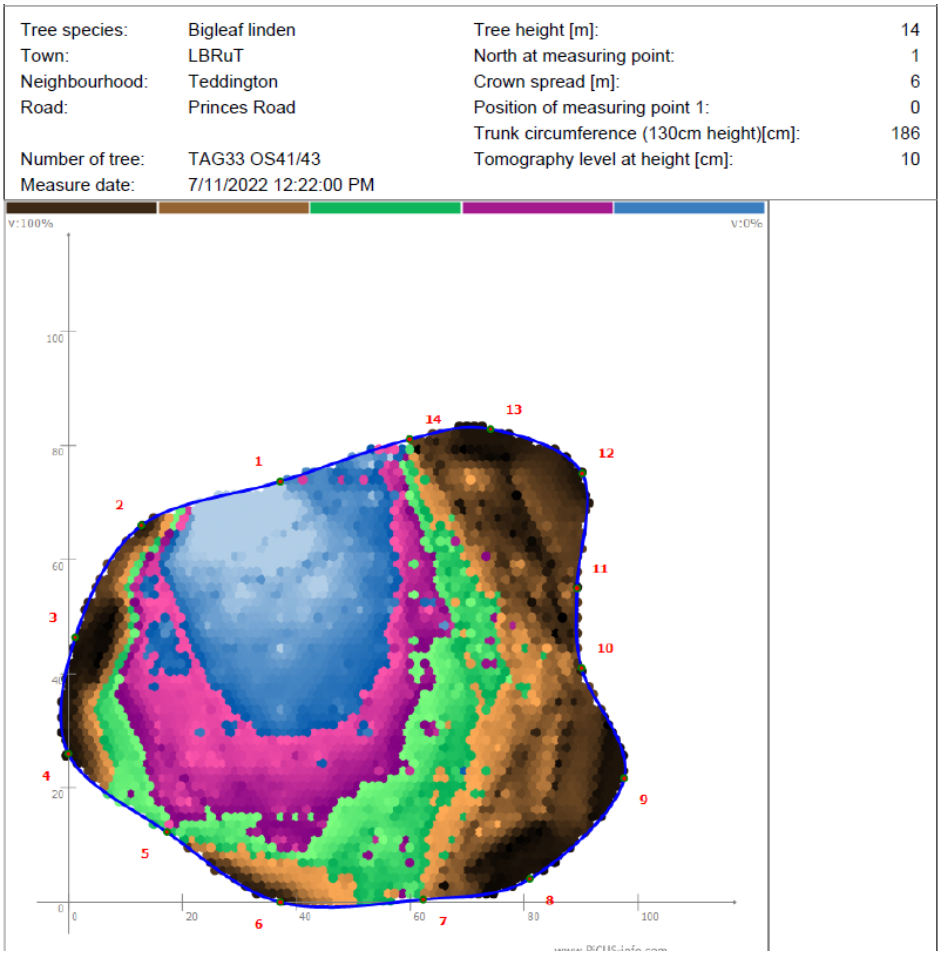


Image shows tomogram with blue and purple indicating extensive decay.

Image shows tree in street scene

Ward	Fulwell and Hampton Hill
Road	Paget Close
Location	On grass area rear of 37 Wellington Road- ///W3W-canny.ledge.fixed
Species	Lawson Cypress (*Chamaecyparis lawsoniana*)
Height	14.5m
Physiological Condition	Good
Structural Condition	Good
Inspection findings	Tree growing in unsuitable location and has damaged boundary fence and outbuilding to privately owned garden

Image shows tree in context with location to privately owned fence and outbuilding

Site images:

Image shows Trunk in unsuitable location

Hampton North

Ward	Hampton North
Road	Ringwood Way
Location	Opposite 1/3
Species	Field Maple (*Acer campestre*)
Height	4.0m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree is dead and requires removal to facilitate replanting and prevent natural failure

Site images:

Image shows dead tree

North Richmond

Ward	North Richmond
Road	Connaught Avenue
Location	Outside 8
Species	Rowan (*Sorbus aucuparia*)
Height	5.5m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree is dead; removal is required to prevent natural failure and facilitate replanting

Site images:

Image shows dead tree

Ward	North Richmond
Road	Beaumont Avenue
Location	Outside 7/9
Species	Apple (*Malus* sp.)
Height	7.0m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree is dead; removal is required to prevent natural failure and facilitate replanting

Site images:

Image shows dead tree

South Richmond

Ward	South Richmond
Road	Petersham Road
Location	Riverdale Gardens
Species	Horse Chestnut (*Aesculus hippocastanum*)
Height	19.0m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	A cavity indicating root and lower stem decay is present at the base of this tree. Crown dieback could correlate with the degradation of the trees structural or supporting root system. A detailed investigation of this tree using sonic tomography revealed an unacceptable degree of decay, removal is required to prevent natural failure and manage risk.

Site images:

Image shows tree in park

Tree species:	Common horsechestnut	Tree height [m]:	19
Town:	Richmond	North at measuring point:	1
Neighbourhood:	Richmond Riverside	Crown spread [m]:	19
Road:	Riverdale Gardens	Position of measuring point 1:	0
		Trunk circumference (130cm height)[cm]:	375
Number of tree:	7	Tomography level at height [cm]:	10
Measure date:	6/30/2022 12:11:00 PM		

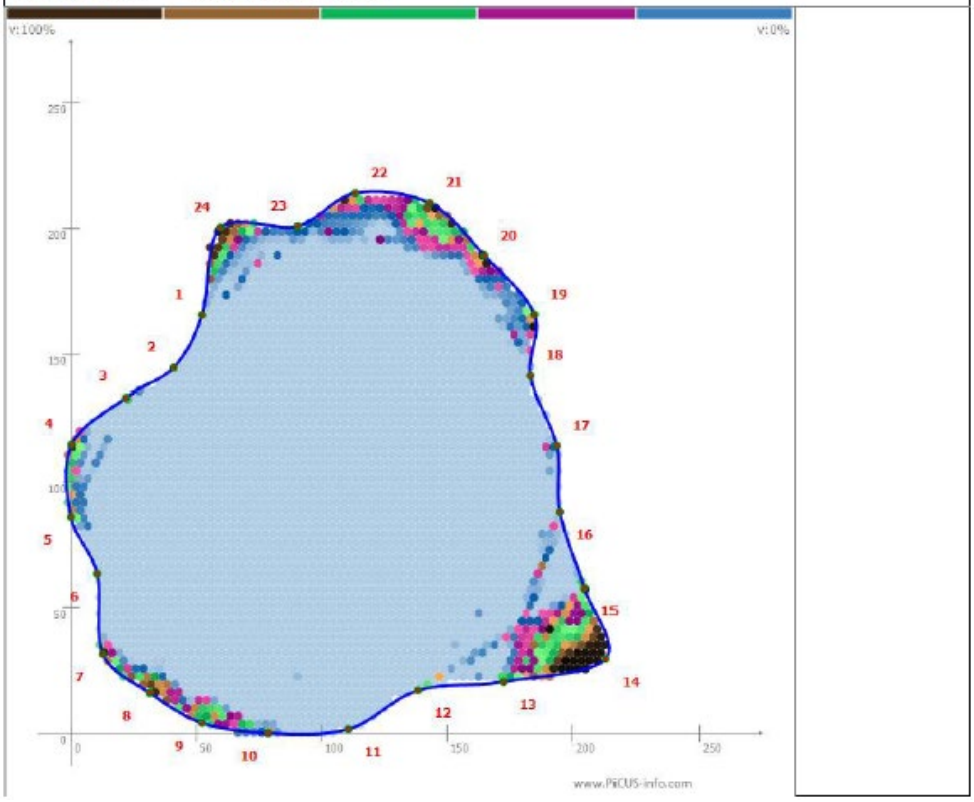


Image shows tomogram with blue indicating area of decay

South Twickenham

Ward	South Twickenham
Road	Popes Avenue
Location	Outside 69
Species	Rowan (*Sorbus aucuparia*)
Height	6.0m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	Tree roots failure: tree is moving in such a way that indicates that the structure is compromised presenting increased risk of failure

Site images:

Image shows tree in street scene with signs of movement around base of trunk

Ward	South Twickenham
Road	Riverview Gardens
Location	Outside 16/18
Species	Purple Plum (*Prunus cerasifera*)
Height	7.0m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree is dead and requires removal to facilitate replanting and prevent natural failure

Site images:

Image shows dead tree

Ward	South Twickenham
Road	Cross Deep
Location	Radnor Gardens,
Species	Deodara Cedar (*Cedrus deodara*)
Height	8.0m
Physiological Condition	Fair
Structural Condition	Fair
Inspection findings	Crown of tree has previously failed in storms with no viable canopy remaining. The tree will be reduced to approximately 3.5m from ground level.

Site images:

Image shows tree in park setting with destroyed crown

St Margarets and North Twickenham

Ward	St Margarets and North Twickenham
Road	Beaconsfield Road
Location	Outside 9/11
Species	Norway Maple (*Acer platanoides*)
Height	10.0m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	A fungal fruiting body of the species Shaggy Polypore (*Inonotus hispidus*) is present on the main stem or trunk, this fungus causes a simultaneous white rot which can cause snapping of tree parts in this particular species. Inonotus fruiting bodies on ground from base of stem indicate stem dysfunction. A probe and resonance test supports root and lower stem or trunk decay; this decay correlates with crown decline.

Site images:

Image shows tree decline to crown

Site images:

Image shows base of with extensive decay and **Inonotus fruiting body circled at base of trunk**

Ward	St Margarets and North Twickenham
Road	Kings Road
Location	Outside 4/6
Species	Cherry (*Prunus sp*.)
Height	12.5m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	A fungal fruiting body of the decay pathogen *Ganoderma* sp. is present at the stem base. Colonisation by this fungus causes a white rot of the stem and root system that can cause entire trees to collapse through fracture or windthrow. Multiple cavities and Ganoderma brackets on lower stem indicating root and lower stem decay is present at the base of this tree. A resonance test revealed an unacceptable degree of decay in the lower trunk of this tree, removal is required to prevent natural failure and manage risk.

Site images:

Image shows tree with location of fungal fruiting body and decay circled

Site images:

Image shows tree with location of cavities and fungal fruiting body and decay circled

Image shows close up of previous photo with fungal fruiting bodies in cavity

Image shows tree in street scene

Ward	St Margarets and North Twickenham
Road	Crown Road
Location	Opposite junction to Norman Avenue
Species	Raywood Ash (*Fraxinus augustifolia 'Raywood'*)
Height	12.0m
Physiological Condition	Poor
Structural Condition	Fair
Inspection findings	Tree crown is displaying advanced symptoms of physiological decline associated with Ash Die Back. This is serious fungal disease of the European Ash, characterized by the progressive decline of the tree's branches and will eventually lead to the death of the tree.

Site images:

Image shows tree advanced symptoms of physiological decline associated with Ash Die Back.

Ward	St Margarets and North Twickenham
Road	Baronsfield Road
Location	Outside 6
Species	Rowan (*Sorbus aucuparia*)
Height	4.5m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree is dead; removal is required to prevent natural failure and facilitate replanting

Site images:

Image shows dead tree

Image taken from Google Maps showing tree in street scene

Ward	St Margarets and North Twickenham
Road	Heathcote Road
Location	Opposite 8
Species	Tschonoskii Crab Apple (*Malus tschonoskii*)
Height	11.0m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	A fungal fruiting body of the decay pathogen *Ganoderma* sp. is present at the stem base. Colonisation by this fungus causes a white rot of the stem and root system that can cause entire trees to collapse through fracture or windthrow. Multiple Ganoderma brackets around base of stem indicating root and lower stem decay is present at the base of this tree. A resonance test revealed an unacceptable degree of decay in the lower trunk of this tree, removal is required to prevent natural failure and manage risk.

Site images:

Image shows tree with location of fungal fruiting body and decay circled

Image shows tree in street scene

Ward	St Margarets and North Twickenham
Road	Heathcote Road
Location	Outside 1/3
Species	Apple (*Malus tschonoskii*)
Height	7.0m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	Cavities indicating root and lower stem decay are present at the base of this tree. A resonance test revealed an unacceptable degree of decay in the lower trunk of this tree, removal is required to prevent natural failure and manage risk.

Site images:

Images shows probe highlighting cavities at base of stem

Image shows tree in street scene

Ward	St Margarets and North Twickenham
Road	Heathcote Road
Location	Outside 18
Species	Swedish Whitebeam (*Sorbus intermedia*)
Height	6.5m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	A fungal fruiting body of the species Shaggy Polypore (*Inonotus hispidus*) is present on the main stem or trunk on first major union, this fungus causes a simultaneous white rot which can cause snapping of tree parts in this particular species. The presence of the fruiting body on the union possesses an unacceptable degree of risk, removal is required to prevent natural failure.

Site images:

Image shows main union on tree with location of fungal fruiting body and decay circled

Image shows tree in street scene

Teddington

Ward	Teddington
Road	Manor Road
Location	Manor Road Recreation Ground
Species	Horse Chestnut (*Aesculus hippocastanum*)
Height	3.0m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree was retained as a monolith for its habit value. However, it has now decayed to an unacceptable degree and removal is required to prevent natural failure.

Site images:

Image shows dead tree

Twickenham Riverside

Ward	Twickenham Riverside
Road	Riverside
Location	Orleans Gallery Woods- ///What3Words- keep.region.foods
Species	Lime (*Tilia sp.)*
Height	20.5m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	Fungal fruiting bodies of the decay pathogen *Kretzschmaria deusta* are present on the base of this tree. This fungus causes a white rot that can cause whole tree failure through a ceramic like fracture of the base. A probe and resonance test revealed an unacceptable degree of decay in the lower trunk around fruiting bodies, removal is required to prevent natural failure and manage risk.

Site images:

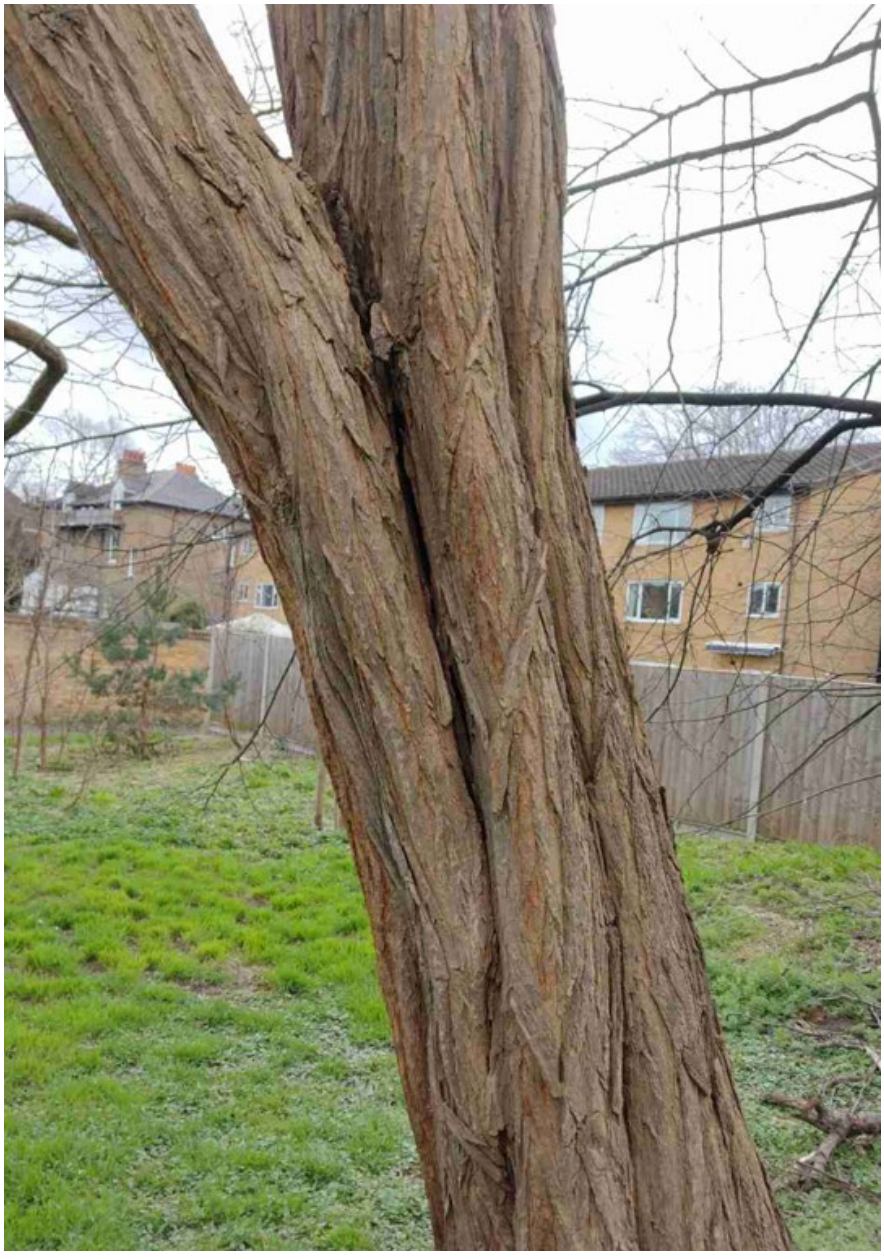
Image shows base of with extensive decay and **Kretzschmaria fruiting body circled at base of trunk**

Site images:

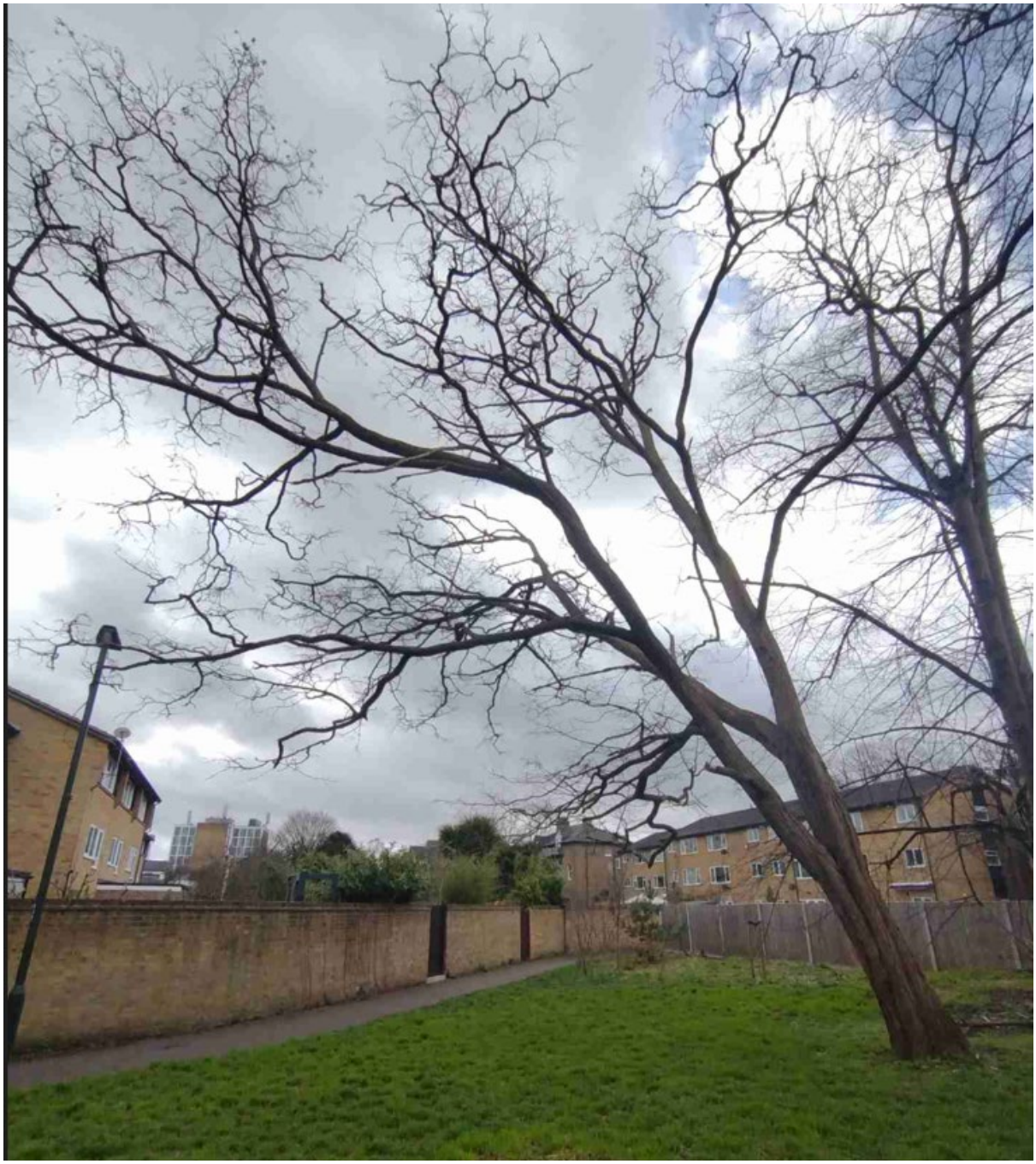
Image shows tree in situ against boundary wall and overhanging road

Ward	Twickenham Riverside
Road	Grosvenor Road
Location	What3Words-///diner.marble.shout
Species	Black Locust (*Robinia pseudoacacia*)
Height	19.0m
Physiological Condition	Good
Structural Condition	Poor
Inspection findings	This tree main union has part failed and presented an immediate hazard.

Site images:



Images shows tree part failed union



Images show tree in park setting

Ward	Twickenham Riverside
Road	Holly Road
Location	Holly Road Gardens- ///What3Word- tall.soda.trial
Species	Honey Locust (*Gleditsia triacanthos*)
Height	16.0m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree is dead and requires removal to facilitate replanting and prevent natural failure

Site images:

Image shows dead tree

West Twickenham

Ward	West Twickenham
Road	Court Close
Location	Opposite 9
Species	Hybrid Chestnut (*Aesculus x carnea*)
Height	19.0m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	A fungal fruiting body of the species Shaggy Polypore (*Inonotus hispidus*) is present on the main stem or trunk, this fungus causes a simultaneous white rot which can cause snapping of tree parts in this species. With This tree has cracked, peeling bark indicating necrosis and dysfunction of the trees vascular system to bark on lower stem and apical die back to upper crown tree is in terminal decline and requires removal to facilitate replanting and prevent natural failure

Site images:

Image shows tree with fungal fruiting body stem

Site images:

Images show tree in with area of necrosis and decay at base at stem

Images show tree in street scene

Ward	West Twickenham
Road	Mereway Road
Location	Kneller Gardens- ///What3words- epic.frames.major
Species	Common Oak (*Quercus robur*)
Height	2.5m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree is dead and requires removal to facilitate replanting and prevent natural failure

Site images:

Image shows dead tree

Ward	West Twickenham
Road	Staines Road
Location	Outside 282/284
Species	Norway Maple (*Acer platanoides*)
Height	15.5m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	Necrosis is present on the lower stem of this tree; the decline of the trees vascular system correlates with dieback within the crown of this declining specimen. This tree is in terminal decline and requires removal to facilitate replanting and prevent natural failure

Site images:

Image shows necrosis at base of stem

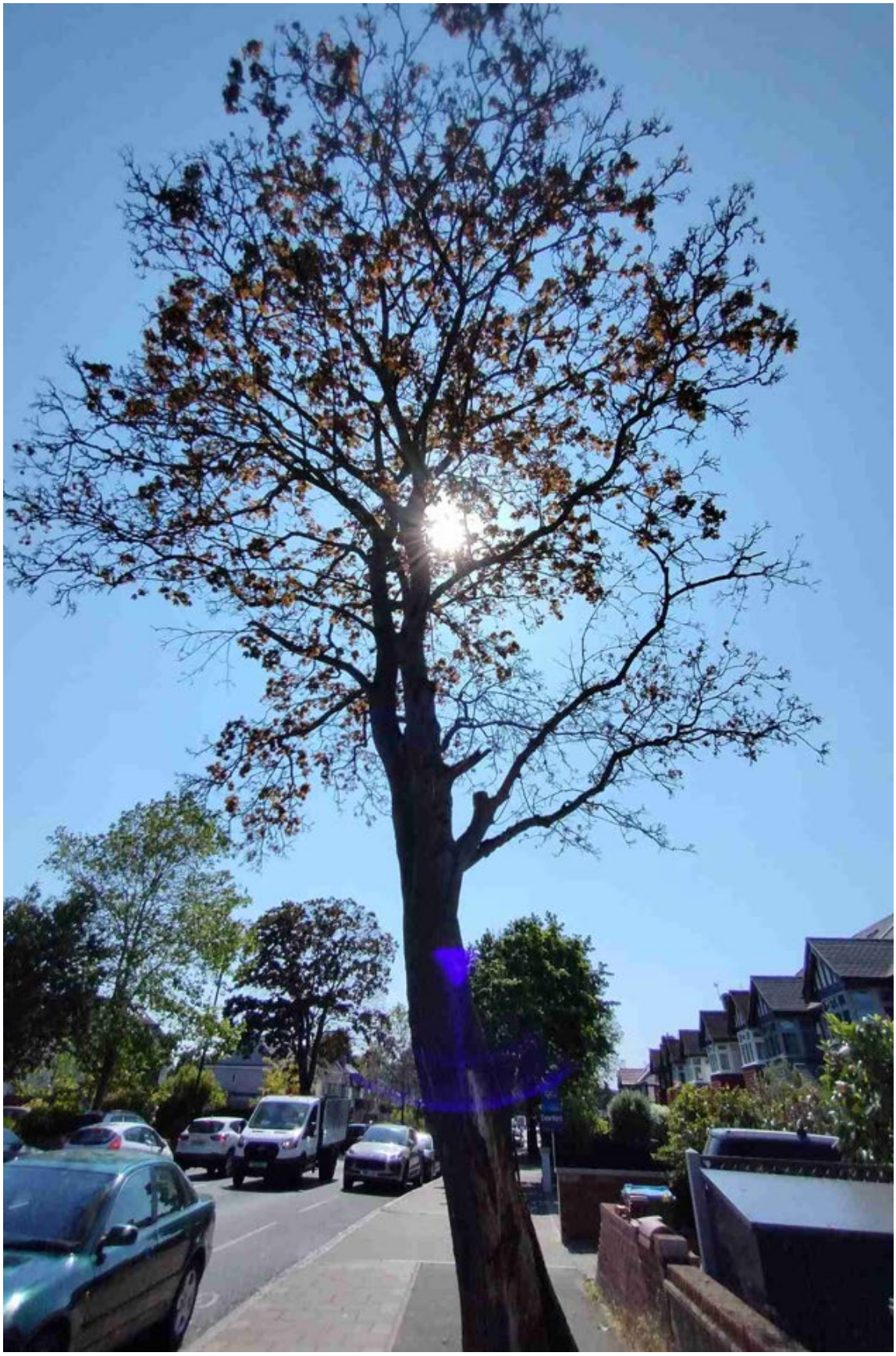


Image shows crown in decline

Whitton

Ward	Whitton
Road	Rosecroft Gardens
Location	Outside garden of 60
Species	Cherry (Prunus *sp.*)
Height	4.5m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	Tree roots failure: tree is moving in such a way that indicates that the structure is compromised presenting increased risk of failure

Site images:

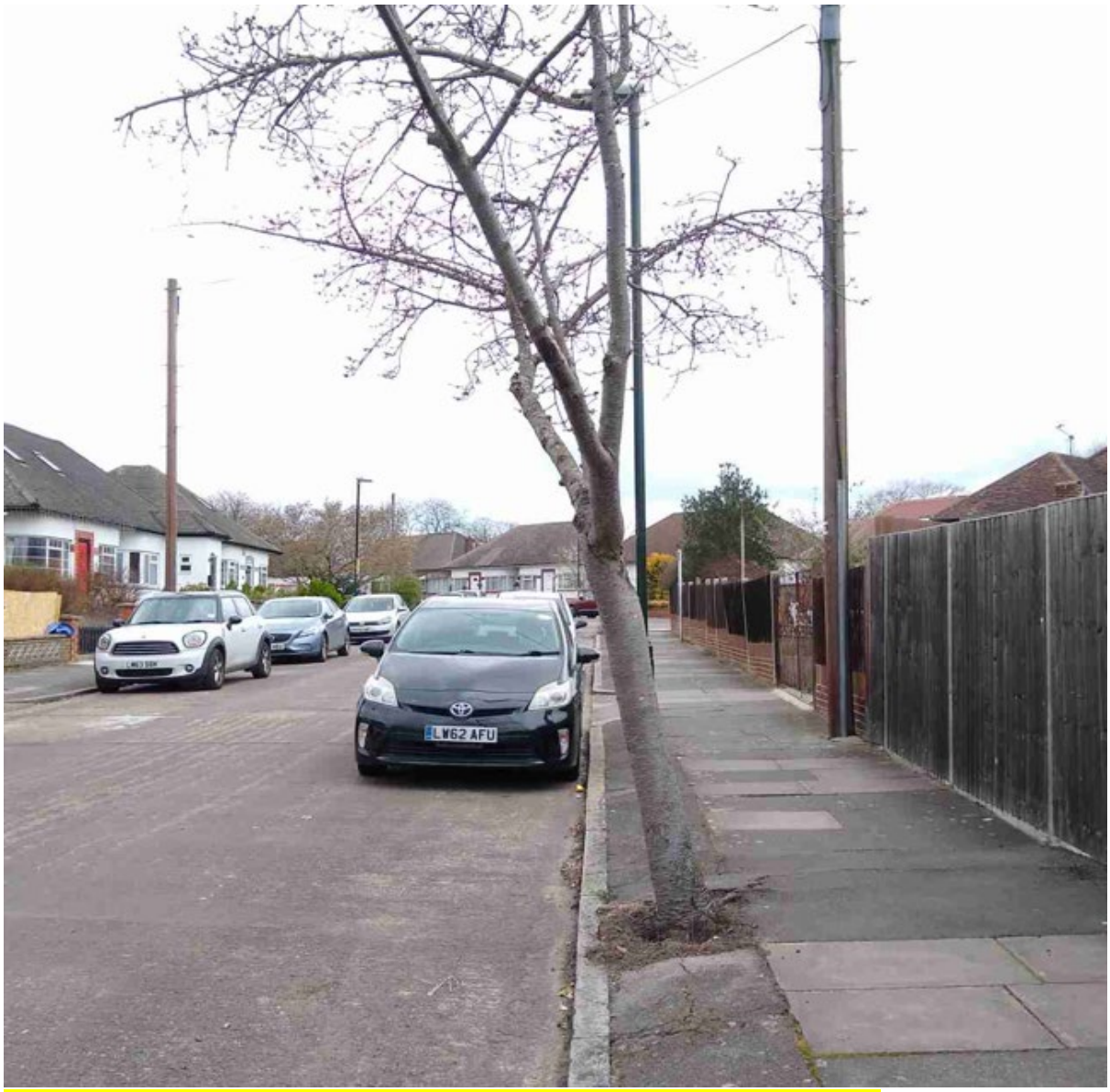


Image shows tree in street scene with signs of movement around base of trunk

Ward	Whitton
Road	Hospital Bridge Road
Location	Crane Park- Behind garden of 183 Fullwell park avenue
Species	Ash (*Fraxinus excelsior*)
Height	18.0m
Physiological Condition	Poor
Structural Condition	Fair
Inspection findings	Tree crown is displaying advanced symptoms of physiological decline associated with Ash Die Back. This is serious fungal disease of the European Ash, characterized by the progressive decline of the tree's branches and will eventually lead to the death of the tree.

Site images:

Image shows tree advanced symptoms of physiological decline associated with Ash Die Back.

Ward	Whitton
Road	Percy Road
Location	Outside 160/162
Species	Lime (*Tilia sp.*)
Height	1.0m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	This tree has been vandalised and requires removal to facilitate replanting and prevent natural failure

Site images:

Images shows vandalised tree