LONDON BOROUGH OF RICHMOND UPON THAMES

Twickenham Riverside - 2023 Ward Works and Tree Removals Programme

Introduction

A recent survey of trees in the Twickenham Riverside ward has taken place; this was conducted by a competent specialist Arboriculturist as part of the scheduled 4 yearly detailed inspection regime that has been devised for all Council highway and parks trees.

This cycle of inspection is in place to ensure that the Council is compliant with the statutory duties as highlighted within the adopted policy:

Council-owned tree management policy - London Borough of Richmond upon Thames

As a result of the survey 658 individual tree work operations have been specified, this includes various pruning works.

Unfortunately and as to be expected with such an extensive survey of trees of varying age and condition, we have identified trees that can no longer be safely retained and will therefore be carrying out complete removal. The Council will be planting a replacement for every tree that is being removed. Replacement planting will take place over the planting season spanning November 2023 to March 2024.

Removal will be prioritised as appropriate and take place over the course of the next 8 weeks. We will be erecting notices upon each tree to alert the public to the proposed removal, giving sufficient time for residents to log enquiries.

Prior to the removals taking place, signage will be erected informing of a date of works, this is to make vehicle owners aware of the need to leave parking spaces 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 inspection findings have been provided.

Dated 23.05.2023

Contents

Site 1. Arragon Road

Tree number	21
Road	Arragon Road
Location	Opposite 63-63
Species	Italian Alder (*Alnus cordata*)
Height	18.5m
Physiological Condition	Good
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 resonance test revealed an unacceptable degree of decay in the trunk of this tree, removal is required to prevent natural failure and manage risk.

Site images:

Image shows tree in street scene

Image shows crack in trunk where decay and Ganoderma fungal fruiting bodies are located

Site 2. Cambridge Park Footpath

Tree number	600002.00
Road	Cambridge Park Footpath
Location	What3Words-///voting.sends.patrol
Species	Elder (*Sambucus nigra*)
Height	3.5m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	Cavities indicating root and lower stem decay are present at the base of this tree. Investigation with a probe revealed an unacceptable degree of decay

Site images:

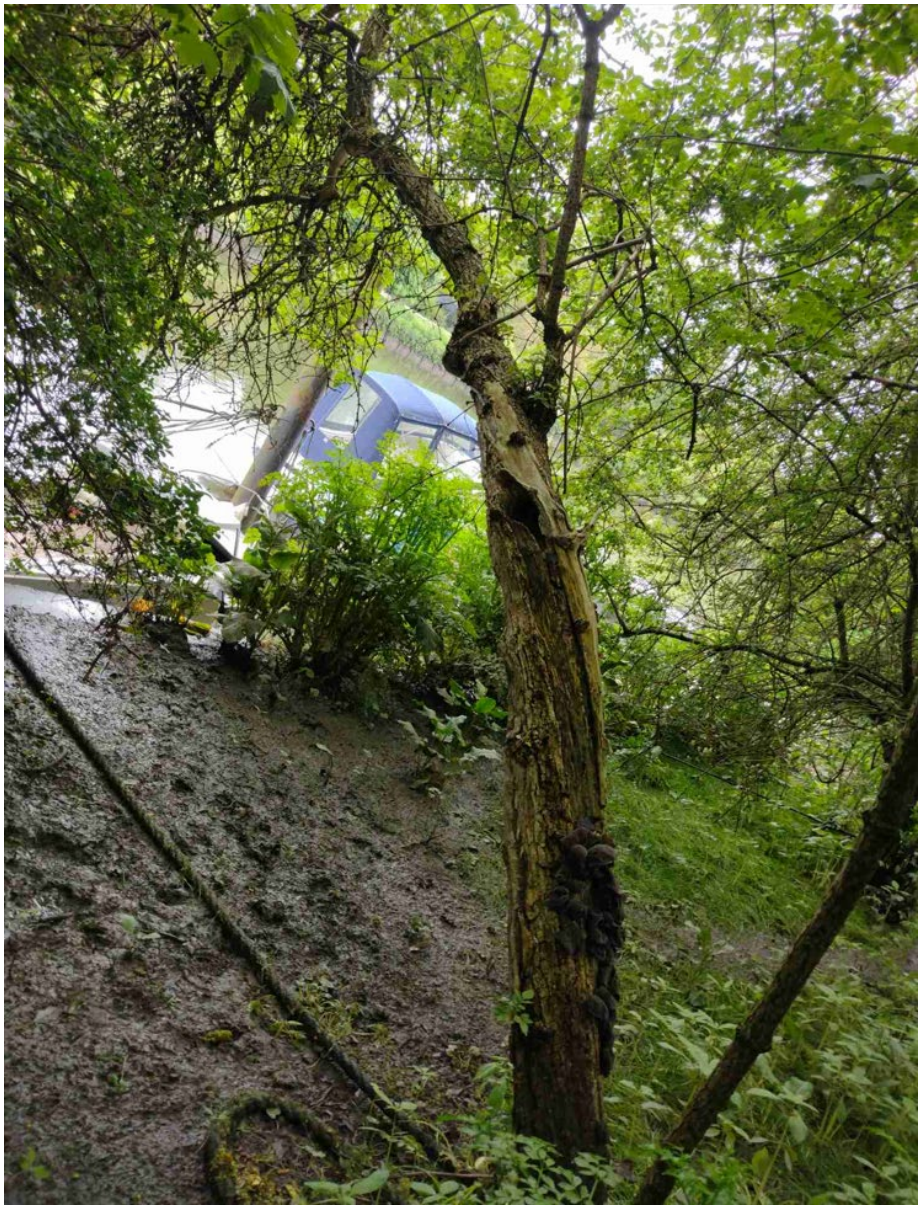

Image shows tree with missing bark and jelly ear fungus

Site 3. Cambridge Road

Tree number	11
Road	Cambridge Road
Location	Outside 44
Species	Tschonoski Crab-apple (*Malus tschonoskii*)
Height	6.0m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	The main stem or trunk and roots are extensively decayed; the tree is moving in such a way that indicates that the structure is compromised presenting an unacceptable risk of failure.

Site images:

Image shows tree in street scene

Image shows base of tree with decay visible

Site 4. Church Street

Tree number	23
Road	Church Street
Location	Side of lamppost 105
Species	Black Locust (*Robinia pseudoacacia 'Frisia'*)
Height	7.5m
Physiological Condition	Good
Structural Condition	Poor
Inspection findings	This tree has a crack in the main stem which is a weak point for failure to occur from.

Site images:

Image shows tree with location of crack circled

Site 5. Cresswell Road

Tree number	5
Road	Cresswell road
Location	Outside 41-43
Species	Purple Plum (*Prunus cerasifera*)
Height	6.5m
Physiological Condition	Good
Structural Condition	Poor
Inspection findings	Remnants of fungal fruiting bodies of the wood decay fungus *Laetiporus sulphurous* are present on the trunk of this tree. This fungus causes a brown rot which can rapidly reduce wood strength and cause branch or whole tree failure through brittle fracture. The tree presents an unacceptable risk of failure and removal is required.

Site images:

Image shows tree in street scene

Site 6. Denton Road

Tree number	6
Road	Denton Road
Location	Outside 38
Species	Wild Cherry (*Prunus avium*)
Height	3.5m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	This tree has cracked, peeling bark indicating necrosis and dysfunction of the trees vascular system. The main stem or trunk and roots are extensively decayed; the tree is moving in such a way that indicates that the structure is compromised presenting an unacceptable risk of failure.

Site images:

Left image shows tree in street scene, right image shows stem with bark peeled.

Tree number	1
Road	Denton Road
Location	Outside 2
Species	Wild Cherry (*Prunus avium*)
Height	6.0m
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

Tree number	5
Road	Denton Road
Location	Outside 32
Species	Wild Cherry (*Prunus avium*)
Height	4.5m
Physiological Condition	Good
Structural Condition	Poor
Inspection findings	This tree has cracked, peeling bark indicating necrosis and dysfunction of the trees vascular system. The main stem or trunk and roots are extensively decayed; the tree is moving in such a way that indicates that the structure is compromised presenting an unacceptable risk of failure.

Site images:

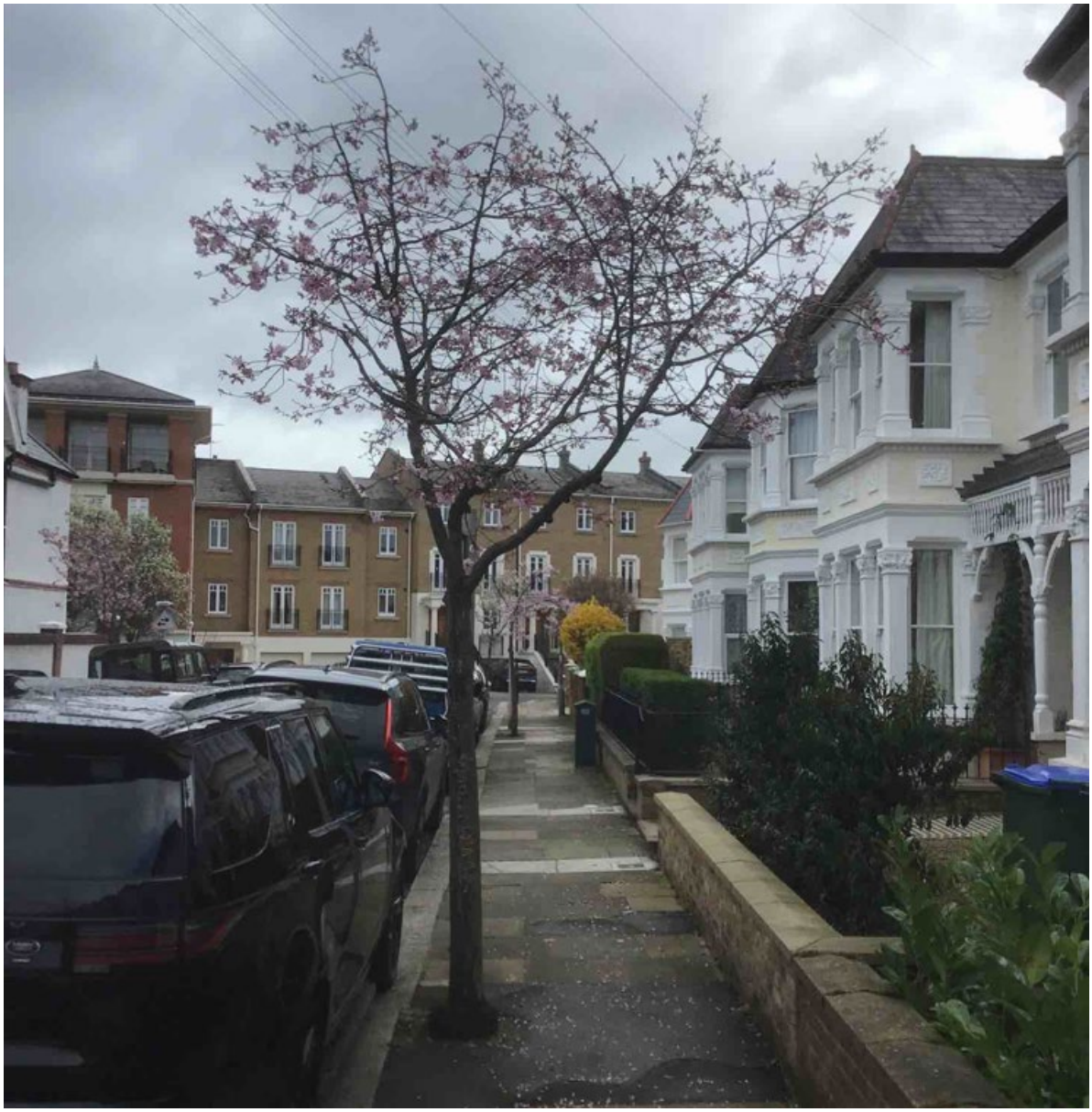

Image shows tree in street scene.

Tree number	14
Road	Denton Road
Location	Opposite 4
Species	Wild Cherry (*Prunus avium*)
Height	7.0m
Physiological Condition	Good
Structural Condition	Fair
Inspection findings	This tree is causing an unacceptable degree of obstruction to the footway that cannot be reasonably managed with engineering solutions; removal and replanting of the tree has been identified as the most appropriate course of action.

Site images:

Image shows tree in relation to footway.

Site 7. Haggard Road

Tree number	18
Road	Haggard Road
Location	Adjacent to 12 Strafford Road
Species	Wild Cherry (*Prunus avium*)
Height	4.5m
Physiological Condition	Good
Structural Condition	Poor
Inspection findings	The main stem or trunk and roots are extensively decayed; the tree is moving in such a way that indicates that the structure is compromised presenting an unacceptable risk of failure

Site images:

Image shows tree with apparently healthy crown

Tree number	2
H	Haggard Road
Location	Outside Nightingale Court
Species	Wild Cherry (*Prunus avium*)
Height	5.5m
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.

Site images:

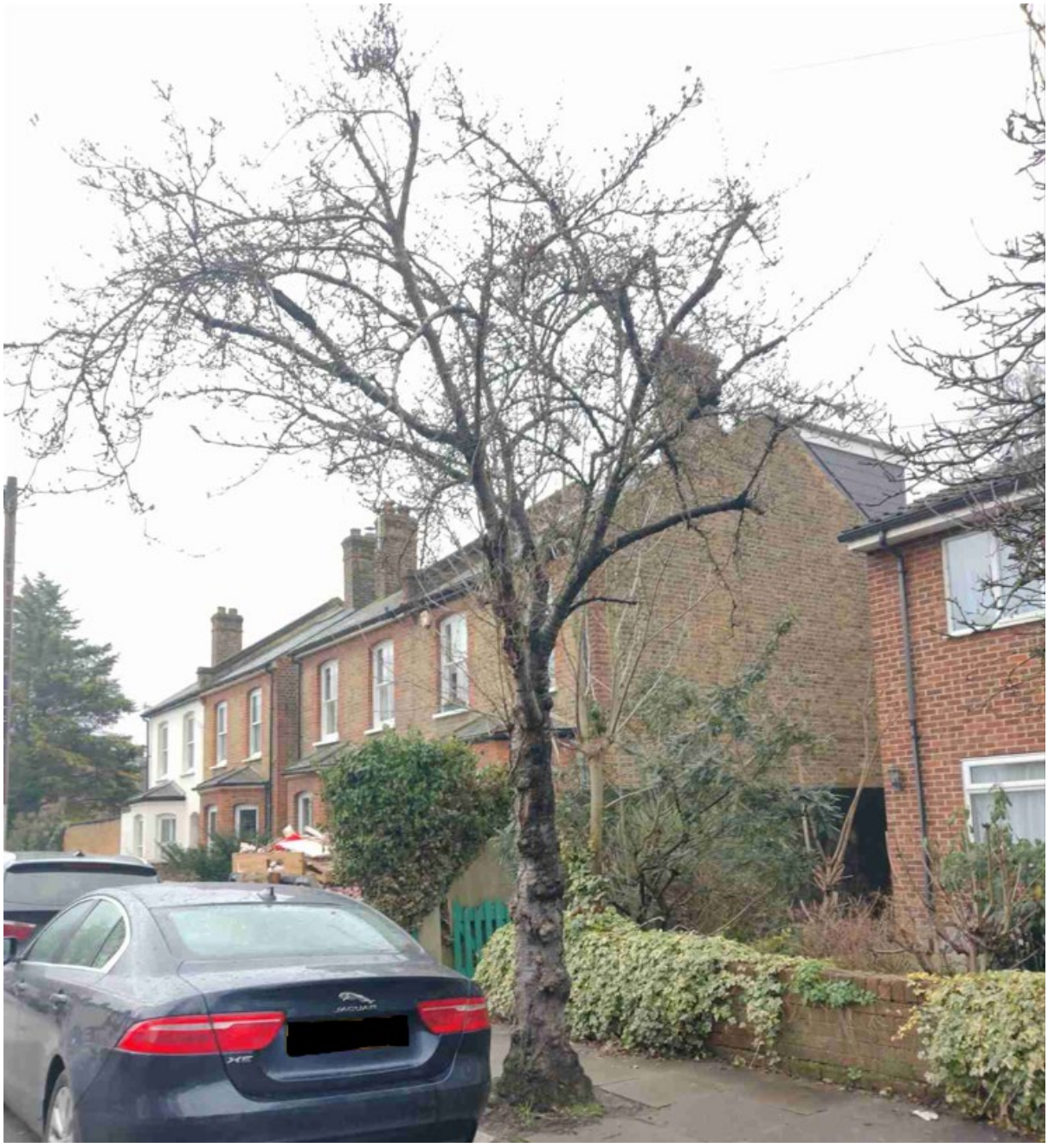

Image shows tree in street scene

Image shows Ganoderma fungal fruiting body at base of tree

Tree number	7
Road	Haggard Road
Location	Outside 37
Species	Wild Cherry (*Prunus avium*)
Height	6.0m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	The main stem or trunk and roots are extensively decayed; the tree is moving in such a way that indicates that the structure is compromised presenting an unacceptable risk of failure

Site images:

Image shows tree in street scene

Tree number	14
Road	Haggard Road
Location	Outside 26
Species	Wild Cherry (*Prunus avium*)
Height	4.0m
Physiological Condition	Fair
Structural Condition	Fair
Inspection findings	This tree is causing an unacceptable degree of obstruction to the footway.

Site images:

Image shows tree in relation to footway

Site 8. Lebanon Park

Tree number	22
Road	Lebanon Park
Location	Outside 49
Species	Wild Cherry (*Prunus avium*)
Height	7.0m
Physiological Condition	Poor
Structural Condition	Fair
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. Tree crown is displaying symptoms of physiological decline in the crown which correlate with degradation of the supporting root system.

Site images:

Left image shows tree in street scene, right image shows base of tree with fungal fruiting body circled.

Site 9. London Road

Tree number	5
Road	London Road
Location	Outside 53
Species	Raywood Ash (*Fraxinus augustifolia* 'Raywood')
Height	11.5m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	The main stem of this tree has been damaged by girdling, creating a point for failure to occur and an unacceptable risk of harm.

Site images:

Image shows tree in street scene with location of girdling circled

Tree number	10
Road	London Road
Location	Outside Travel Lodge
Species	Crab Apple (*Malus sp.*)
Height	8.0m
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 resonance test revealed an unacceptable degree of decay in the trunk of this tree, removal is required to prevent natural failure and manage risk.

Site images:

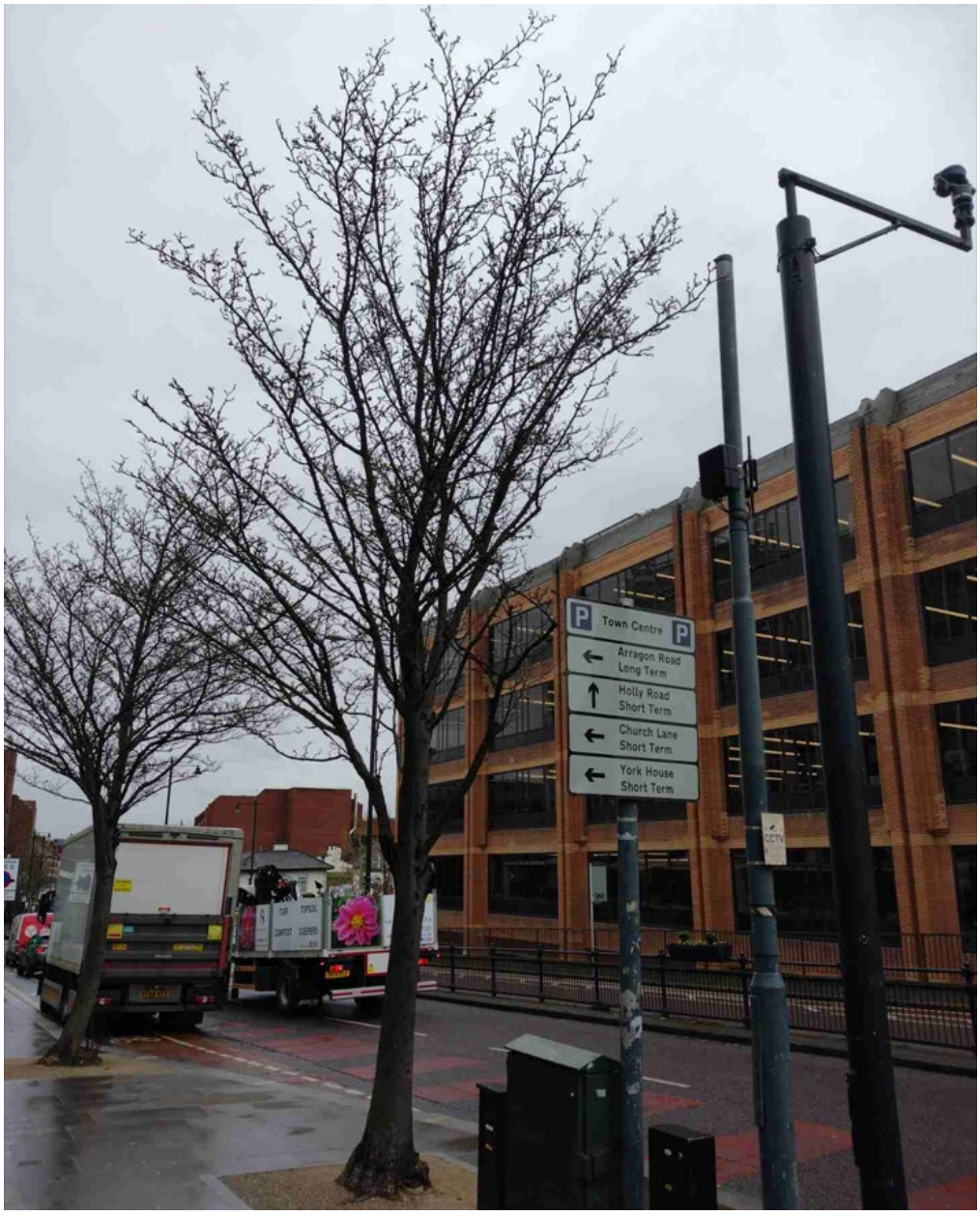

Image shows tree in street scene

Site 10. Marble Hill Gardens

Tree number	12
Road	Marble Hill Gardens
Location	Outside 43
Species	Crab Apple (*Malus sp.*)
Height	8.0m
Physiological Condition	Poor
Structural Condition	poor
Inspection findings	This tree is dying; deadwood is ubiquitous.

Site images:

Image shows tree with bark loss and extensive dieback.

Tree number	11
Road	Marble Hill Gardens
Location	Outside 39
Species	Crab Apple (*Malus sp.*)
Height	4.5m
Physiological Condition	Good
Structural Condition	Poor
Inspection findings	This trunk of this tree has been damaged in a a way that is likely to lead to failure.

Site images:

Image shows tree in street scene with areas of trunk damage circled

Site 11. Orleans Gardens

Tree number	382
Road	Orleans Gardens
Location	Near entrance to gardens - What3Words- export.statue.junior
Species	Sycamore (*Acer pseudoplatanus*)
Height	18.0m
Physiological Condition	Poor
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 resonance test revealed an unacceptable degree of decay in the trunk of this tree, removal is required to prevent natural failure and manage risk.

Site images:

Image shows cavity with fungal fruiting body near centre (in white) and decayed wood

Image shows tree in street scene

Tree number	601170.00
Road	Orleans Gardens
Location	Orleans Gardens- ///What3Words- bonus.grows.burn
Species	Alder (*Alnus glutinosa*)
Height	6.0m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	The main stem or trunk and roots are extensively decayed; the tree is moving in such a way that indicates that the structure is compromised presenting an unacceptable risk of failure

Site images:

Image shows tree in with extensive canopy die back

Tree number	383
Road	Orleans Gardens
Location	Orleans Gardens- ///What3Words- still.taps.crops
Species	Sweet Chestnut (*Castanea sativa*)
Height	15.0m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	This tree is dying; deadwood is ubiquitous.

Site images:

Image shows tree in with extensive canopy die back

Tree number	601054.01
Road	Orleans Gardens
Location	What3Words-///patch.carbon.lied
Species	Whitebeam (*Sorbus aria*)
Height	6.0m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	This tree is dead; removal is required to prevent natural failure and facilitate replanting.

Site images:

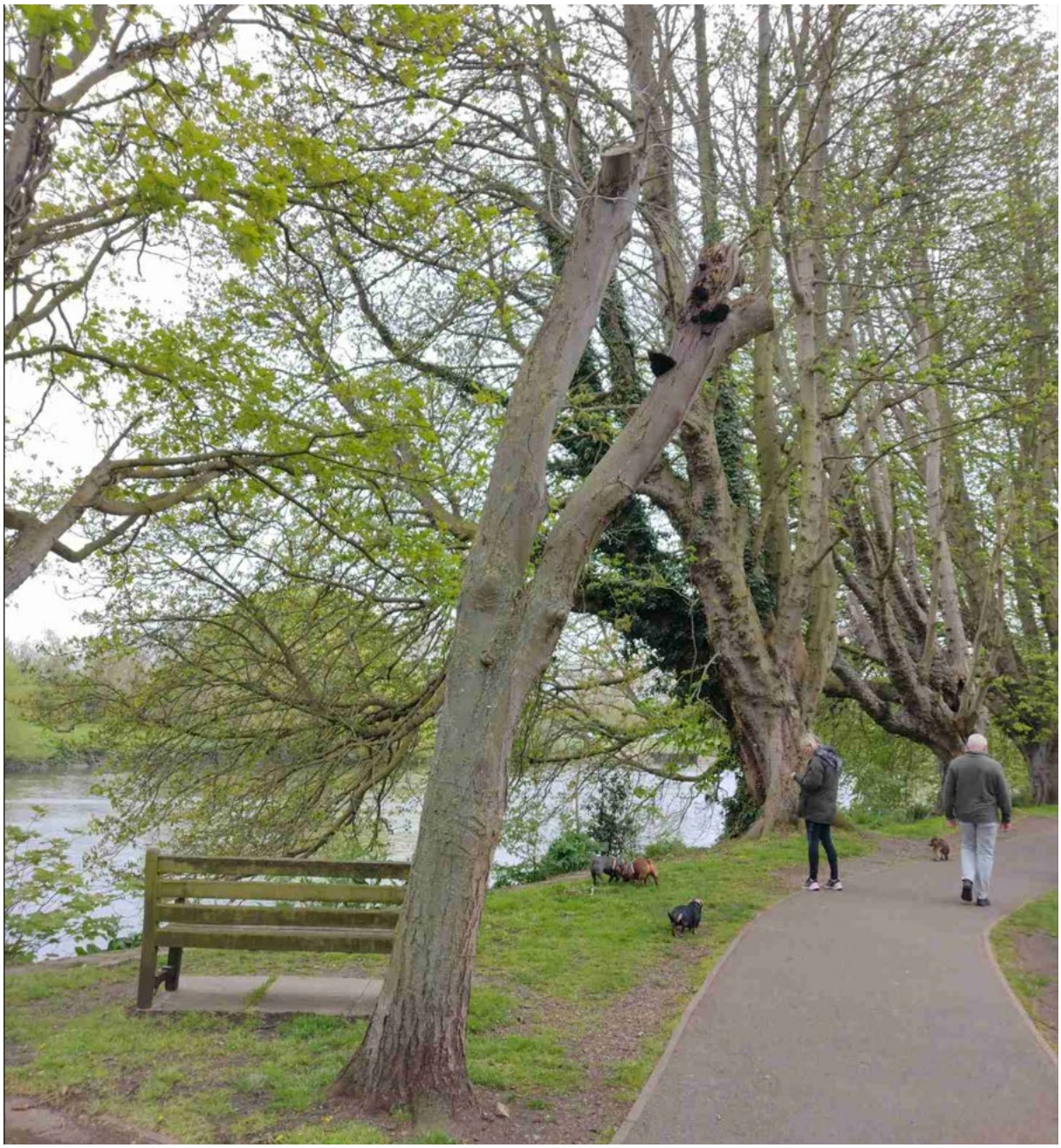

Image shows moribund tree

Tree number	601073.01
Road	Orleans Gardens
Location	What3Words-///slap.vanish.rift
Species	Sycamore (*Acer pseudoplatanus*)
Height	25.0m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	Rhizomorphs of the decay pathogen *Armillaria* sp. are present at the base of this tree. Colonisation by this fungus causes a white rot of the roots and butt that can cause entire tree failure. A resonance test revealed an unacceptable degree of decay in the trunk of this tree, removal is required to prevent natural failure and manage risk.

Site images:

Image shows 'bootlace' like rhizomorphs

Image shows 'bootlace' like rhizomorphs

Tree number	600086.01
Road	Orleans Gardens
Location	What3Words-///landed.linked.hugs
Species	Crack Willow (Salix fragilis)
Height	5.0m
Physiological Condition	Good
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.

Site images:

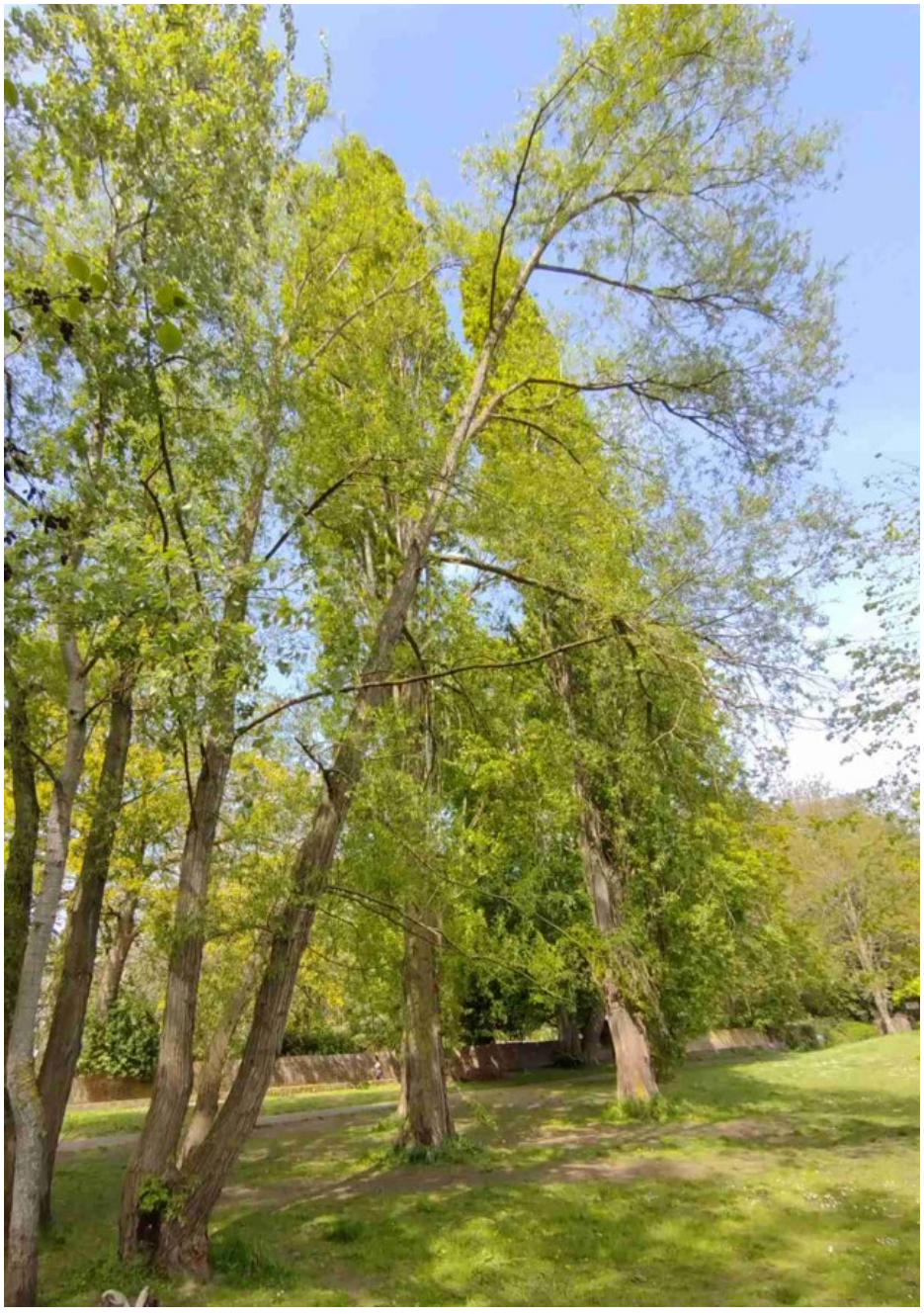

Image shows tree with decay at base

Tree number	601087.01
Road	Orleans Gardens
Location	What3Words-///drum.shin.buck
Species	Willow (*Salix fragilis*)
Height	16.0m
Physiological Condition	Good
Structural Condition	Poor
Inspection findings	Gall is present at the base of this tree. This is caused by the bacterium *Rhizobium radiobacter* and results in disorganised growth that acts as a point for failure to occur from. This tree has failed at the base and hung up in its neighbour.

Site images:

Image shows tree hung up in neighbour

Tree number	600055.01
Road	Orleans Gardens
Location	What3Words-///taking.face.paints
Species	Poplar (*Populus sp.*)
Height	17.0m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	Crown Gall is present at the base of this tree. This is caused by the bacterium *Rhizobium radiobacter* and results in disorganised growth that acts as a point for failure to occur from.

Site images:

Image shows tree in park scene with lean that appears progressive

Site 12. Park House Gardens

Tree number	650002
Road	Park House Gardens
Location	Opposite 52
Species	Holly (*Ilex aquifolium*)
Height	8.2m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	This tree is moribund; removal is required to prevent natural failure.

Site images:

Image shows tree in moribund condition

Tree number	650005
Road	Park House Gardens
Location	Eastern corner of island area. What3Words///safe.tops.dollar
Species	Cypress (*Cupressus sp.*)
Height	11.5m
Physiological Condition	Fair
Structural Condition	Poor
Inspection findings	A cavity indicating decay is present in the trunk of this tree. Investigation with a probe revealed an unacceptable degree of decay.

Site images:

Image shows tree in street scene with location of cavity circled

Site 13. St Stephens Gardens

Tree number	3
Road	St Stephens Gardens
Location	Outside 23
Species	Crab Apple (*Malus sp.*)
Height	3.5m
Physiological Condition	Good
Structural Condition	Poor
Inspection findings	This tree has poor form caused by low quality nursery stock. This will prevent the tree from forming a useful canopy. Removal is required to facilitate replanting.

Site images:

Image shows tree in street scene with poor growth habit

Tree number	4
Road	St Stephens Gardens
Location	Outside 21-23
Species	Rowan (*Sorbus aucuparia*)
Height	3.5m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	The main stem or trunk and roots are extensively decayed; the tree is moving in such a way that indicates that the structure is compromised presenting an unacceptable risk of failure.

Site images:

Image shows tree in street scene

Site 14. The Embankment

Tree number	600042.00
Road	The Embankment
Location	Diamond Jubilee Gardens, northwest corner. What3Words-///cool.faded.rather
Species	Hornbeam (*Carpinus betula*)
Height	14.0m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	This tree has cracked, peeling bark indicating necrosis and dysfunction of the trees vascular system. This tree is in a state of physiological decline and contains weak branches that are liable to collapse.

Site images:

Image shows tree with canopy in poor condition

Tree number	8
Road	The Embankment
Location	The Embankment - What3Words-///beyond.sports.crowned
Species	Pin Oak (*Quercus palustris*)
Height	10.0m
Physiological Condition	Poor
Structural Condition	Poor
Inspection findings	This tree is dying; deadwood is ubiquitous.

Site images:

Image shows tree with minimal leaf set

Tree number	6
Road	The Embankment
Location	The Embankment- ///What3Words- navy.trees.complains
Species	Pin Oak (*Quercus palustris*)
Height	10.0m
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

Tree number	3
Road	The Embankment
Location	The Embankment- ///What3Words- tidy.miles.asset
Species	Pin Oak (*Quercus palustris*)
Height	10.0m
Physiological Condition	Poor
Structural Condition	poor
Inspection findings	This tree is dying; deadwood is ubiquitous.

Site images:

Image shows tree with minimal leaf set

Tree number	1
Road	The Embankment
Location	The Embankment- ///What3Words- tape.losses.successes
Species	Pin Oak (*Quercus palustris*)
Height	9.0m
Physiological Condition	Poor
Structural Condition	poor
Inspection findings	This tree is dying; deadwood is ubiquitous.

Site images:

Image shows tree with minimal leaf set

Site 15. York house Gardens

Tree number	600104.51
Road	York House Gardens
Location	What3Words-///drove.always.stops
Species	Wild Cherry (*Prunus avium*)
Height	6.0m
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

Tree number	600125.01
Road	York House Gardens
Location	What3Words-///feared.trap.sand
Species	Cherry (*Prunus sp.*)
Height	6.5m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree is dead; removal is required to prevent natural failure and facilitate replanting.

Site images:

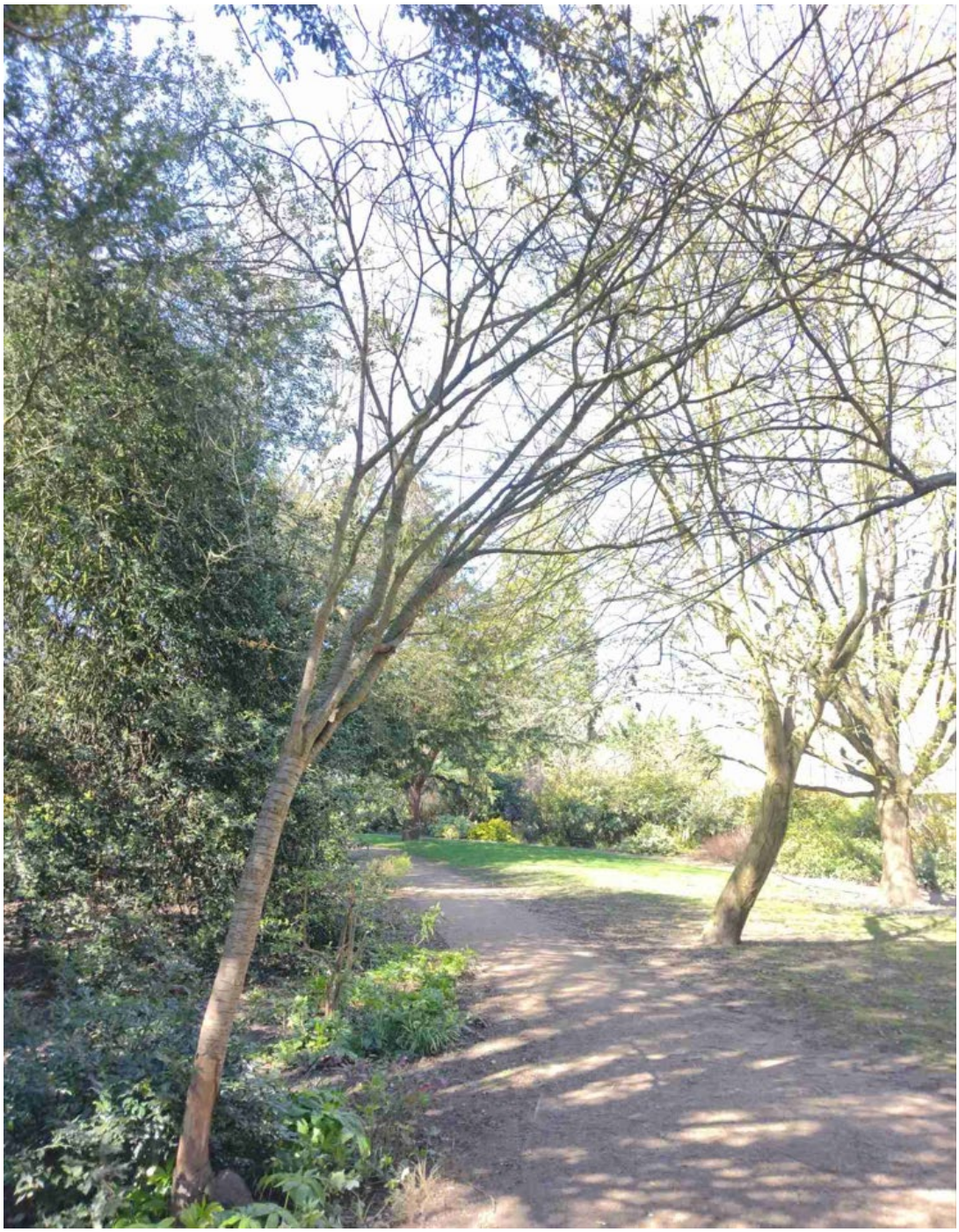

Image shows dead tree

Tree number	600116.01
Road	York House Gardens
Location	What3Words-///afford.window.those
Species	Deodar Cedar (*Cedrus deodara*)
Height	14m
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

Tree number	600073.01
Road	York House Gardens
Location	What3Words-///frost.logo.guilty
Species	Cherry (*Prunus sp.*)
Height	4.0m
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

Tree number	600081.01
Road	York House Gardens
Location	What3Words-///woven.softly.divide
Species	Birch (Betula *sp.*)
Height	5.0m
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

Site 16. Warren Footpath

Tree number	650055.00
Road	Warren Footpath
Location	W3W – defeat.took.tube
Species	Elder (*Sambucus nigra*)
Height	6.0m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	This tree is dead; removal is required to prevent natural failure and facilitate replanting

Site images:

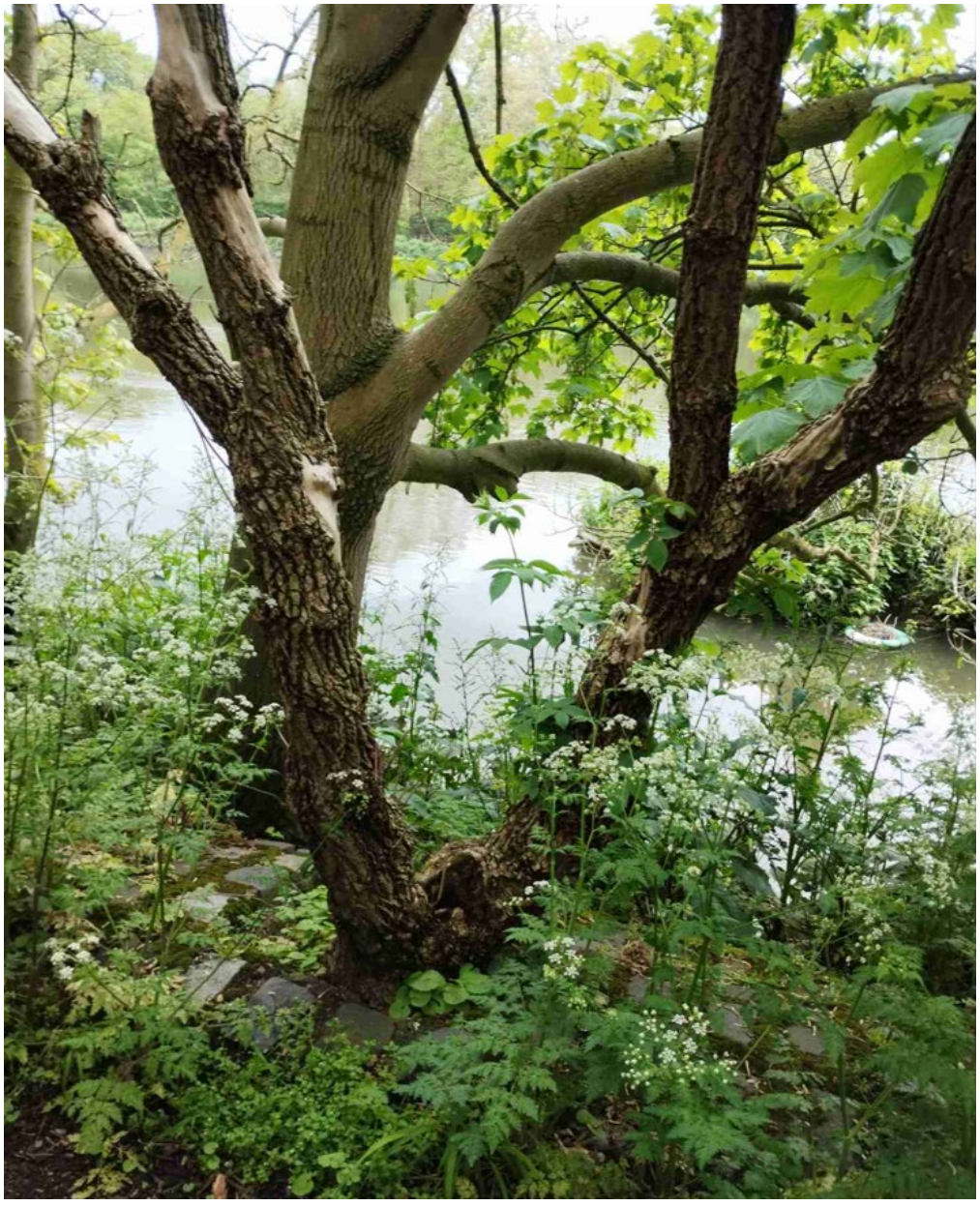

Image shows dead tree in foreground

Tree number	650056.00
Road	Warren Footpath
Location	W3W – notion.bride.gives
Species	Elm (*Ulmus sp.*)
Height	13.0m
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 circled

Tree number	650055.00
Road	Warren Footpath
Location	W3W – tbc
Species	Ash (*Fraxinus excelsior*)
Height	10.0m
Physiological Condition	Dead
Structural Condition	Dead
Inspection findings	These trees are dead; removal is required to prevent natural failure and facilitate replanting

Site images:

Image shows group of dead trees

Tree number	650055.00
Road	Warren Footpath
Location	W3W – organs.hais.mole
Species	Elm (*Ulmus sp.*)
Height	13.0m
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 circled

Tree number	650055.00
Road	Warren Footpath
Location	W3W – breath.crisis.hotels
Species	Elder (*Sambucus nigra*)
Height	4.0m
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 circled