Writtle Forest
Consultancy

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Tree Condition Survey and Report

A Preliminary Tree Condition Survey

Great Waltham Parish Council

Great Waltham Recreation Ground, CM3 1FD
Banbury Square, CM3 1DE
The Green, CM3 1DT

Ref No: 210719

Client:	Great Waltham Parish Council The Parish Office Great Waltham Village Hall (Houlton Hall) South Street Great Waltham CM3 1DH
Date instructed:	19th August 2021
Instructed by:	Mr Will Adshead-Grant Clerk to the Council
Visited by:	D. Riley
Date of Visit:	25th August 2021
Prepared by:	D. Riley
Date completed:	25th August 2021

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1. Introduction and Background Information

1.1 Introduction

This report details the tree condition survey carried out at 3no sites under management of Great Waltham Parish Council. It includes recommendations for tree works to reduce risks posed, identified in relation to people and property.

It should be remembered that trees are a living organisms and their condition is subject to change as a result of multiple factors, including extreme weather, disease and human influence. No tree can ever be deemed risk free and regular inspections and monitoring should be undertaken by the owner and appointed specialists on a recorded cyclical basis. The considerations included within this report are based on the findings on the day of the survey.

1.2 Instruction

Writtle Forest Consultancy Ltd have been instructed by Mr Will Adshead-Grant the Clerk to the Council, to carry out a condition survey of the trees located within the boundary of the following locations:

1. Great Waltham Recreation Ground.
2. South St, CM3 1FD, Banbury Square, CM3 1DE
3. The Green, Broads Green, CM3 1DT.

Banbury Square The Green Recreation Ground

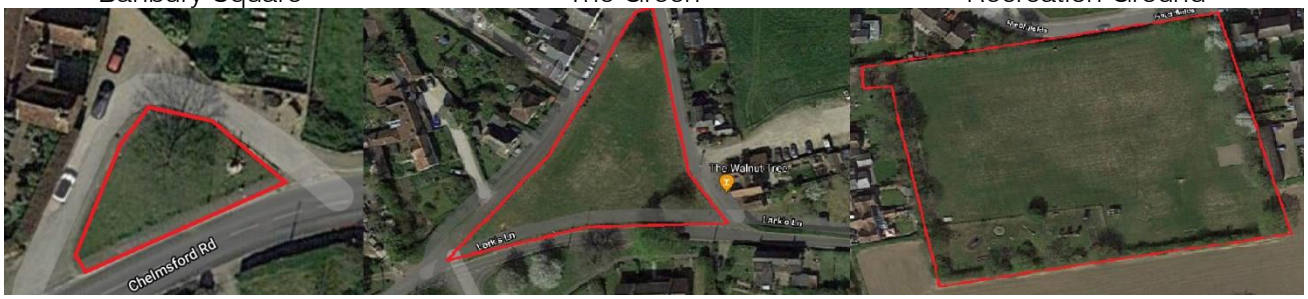


Fig. 1: Annotated aerial photographs showing the boundaries of the 3no sites as surveyed by us in red.

1.3 Methodology

All tree information and data was captured with Pear Technology tree management software using a Trimble hand-held computer and an Ordnance Survey map.

A basic tree risk assessment and tree health inspection were conducted on each tree/ tree group identified in the 'Survey Brief". A basic assessment as described by the International Society of Arboriculture (ISA) is: a detailed visual inspection of a tree and surrounding site that may include the use of simple tools, such as a 'sounding mallet' and probe. This requires that a tree risk assessor walk completely around the tree trunk looking at the base of each tree, inspecting the main stem, crown structure, physiological condition and surrounding environment. Obstructions preventing visual inspection have been noted.

All trees have been inspected and given a tree reference number which is cross-referenced in this report and on the site plan. Trees are considered as groups where appropriate. All dimensions and measurements are estimated unless otherwise indicated.

Recorded tree data are approximations made to a level that is required for the purpose of this report. These tree details include species identification, tree height, stem and crown spread diameter, age, physiological condition, targets, notes on structural condition, risk rating and recommendations. The risk rating attributed to the trees is derived from the TRAQ (Tree Risk Assessment Qualification) system.

1.4 Description and General Aspects of the Site

The 3no sites surveyed comprise of a large recreation ground with associated playground and 2no small open spaces/ greens adjacent to public highways.

The majority of the trees are located adjacent to the boundaries of the recreation ground, with a few individual trees located in 2no small open spaces areas.

1.5 Tree Preservation Orders (TPO) and Conservation Areas (CA)

We have contacted Chelmsford City Council to ask if any trees at the sites are subject to a Tree Preservation Order and if the site is located within a designated Conservation Order. We have not received a response at the time of writing this report. We will advise of the advice from Chelmsford City Council once received.

The statutory status of the trees must be checked and confirmed before carrying out any tree works recommended in this report.

2. Recommendations

2.1 Explanation of timescales

The remedial works have been grouped in order of timescale within the tree schedule below, based on the risk rating as follows:

Extreme risk = Works to be carried out within 24 hours.
High risk = Works carried out within 1 month.
Moderate risk = Works carried out within 3 - 6 months
Low risk = Works carried out within 12 - 30 months

2.2 Tree Work Schedule

In accordance with the instructions of this report, the recommendations as to measures needed to be taken in order to manage the vegetation in terms of good Arboricultural practice are included below.
The contractor should carry out all tree works to BS 3998 Recommendations for Tree Work (2010) and as modified by more recent research.

Note:

1. Any changes to the site subsequent to this survey may affect designated risk ratings. This may accordingly require review. All recommendations should be read in conjunction with the Tree Survey. This may help provide an understanding of why the works are proposed.
2. Tree numbers referenced with an asterisk (*) have been included in more than one timescale table.

Works to be carried out within 6 months

Tree No.	Species	Recommended works within 6 months
T547	Common Ash	Remove major deadwood over 50mm in diameter.
T559	Common Ash	Initiate high pollard at 8m and manage on a 3 – 5 year pruning cycle (depending on rapidity and extent of regrowth).
T570*	Common Oak	Remove major deadwood over 50mm in diameter.
T572	Lime	Fell small dead Hawthorn to the south of this tree.
T573	Sorbus	Fell both trees to ground level.
T574	Sweet Chestnut	Remove major deadwood over 50mm in diameter.
T575	Sorbus	Fell to ground level.
T580	Lime	Remove basal epicormic growth and re-inspect with 1 year.

Works to be carried out within 12 months

Tree No.	Species	Recommended works within 12 months
T540	Sycamore	Remove failed branch back to union and reduce remaining crown by 1m to balance.
T546	Sycamore	Crown lift to provide 4m clearance over road.
T549	Cherry	Reduce crown to the east to provide 2m clearance from third-party property.
T553*	Cherry	Reduce over-extended upright limb to the east by 2.5m in length. Remove major deadwood over 50mm in diameter.
T554*	Common Ash	Remove major deadwood over 50mm in diameter.
T556	Common Oak	Remove major deadwood over 50mm in diameter.
T557*	Common Ash	Remove major deadwood over 50mm in diameter.

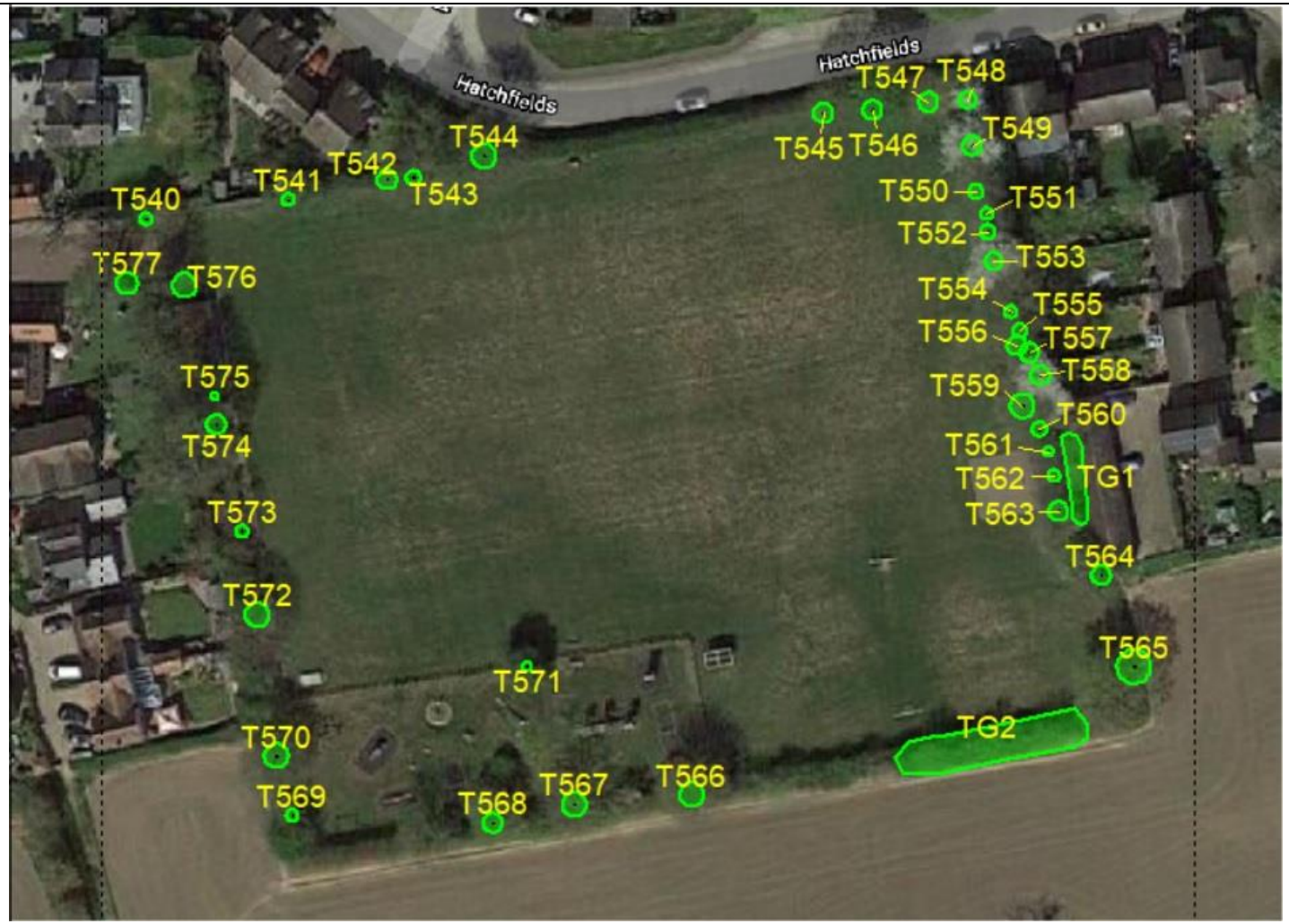
Tree No.	Species	Recommended works within 12 months
TG1*	Mixed Species Group	Reduce east side of crowns to provide 1.5m clearance from third-party garage roofs.
T564	Sycamore	Reduce north side of crown to provide 2m clearance from third-party garage roofs.
T570*	Common Oak	Reduce crown to provide 1.5m clearance from climbing frame.
T578	Common Oak	Remove major deadwood over 50mm in diameter.

Works to be carried out within 24 months

Tree No.	Species	Recommended works within 24 months
T541	Cherry	Prune/remove understory to expose main stem to aid visibility for future inspections.
T542	Sycamore	Remove epicormic growth at base to expose main stem to aid visibility for future inspections.
T544	Sycamore	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.
T551	Whitebeam	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.
T553*	Cherry	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.
T554*	Common Ash	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.
T557*	Common Ash	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.
T558	Cherry	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.
T561	Whitebeam	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.
TG1*	Mixed Species Group	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.
T571	Hawthorn	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.
T576	Sycamore	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.
T577	Sycamore	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.

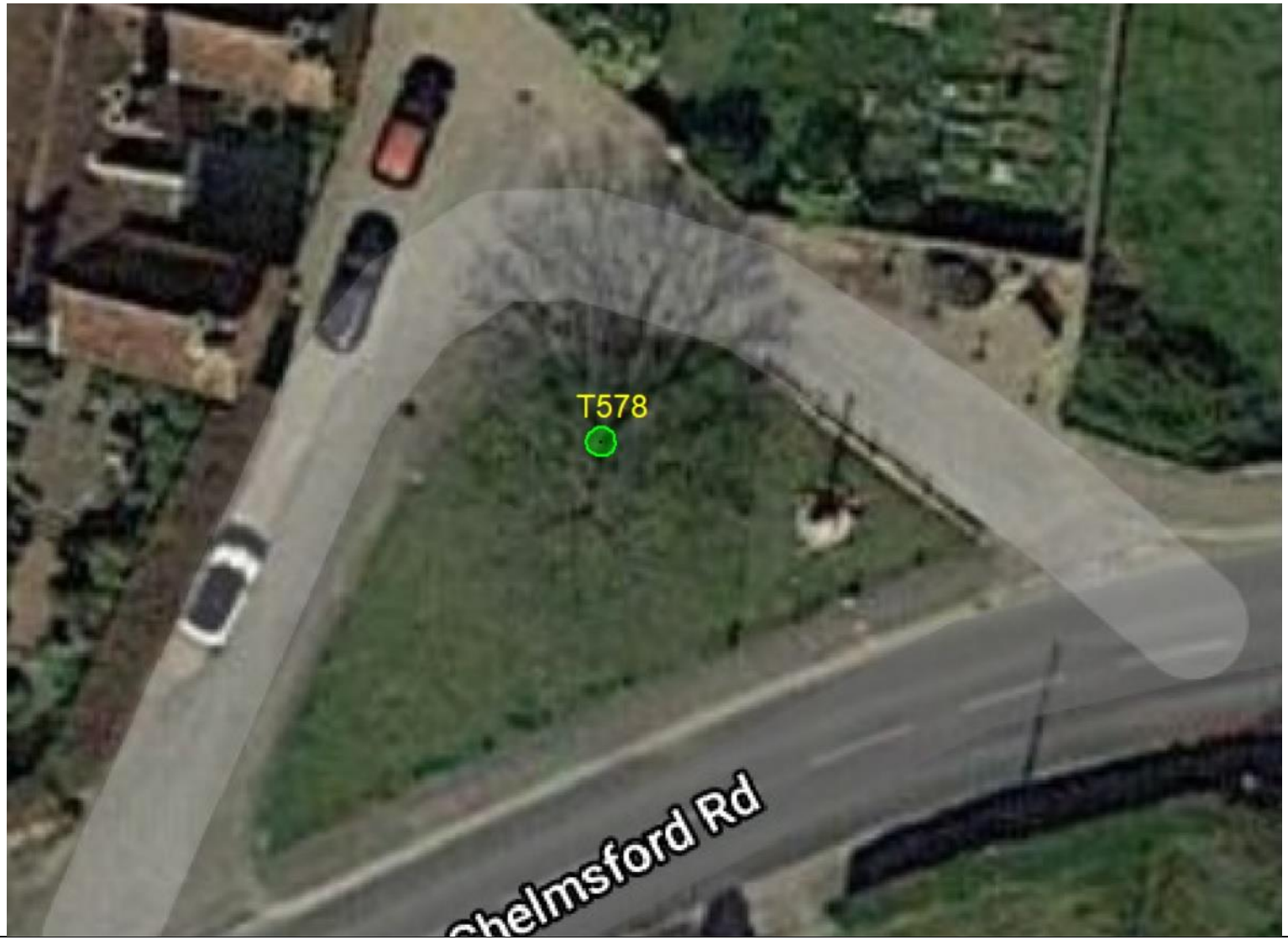
It is recommended that all trees are subject to a full re-inspection within 30 months of this report during the dormant season of winter 2023/ 24. Inspections in the dormant season benefit from improved views of tree crown structure.
The trees should also be subject to a walkover survey following any extreme weather events.

Appendix 1. Site Plans showing locations of the trees inspected.



Great Waltham Recreation Ground, South St, CM3 1FD — Drawing not to scale.

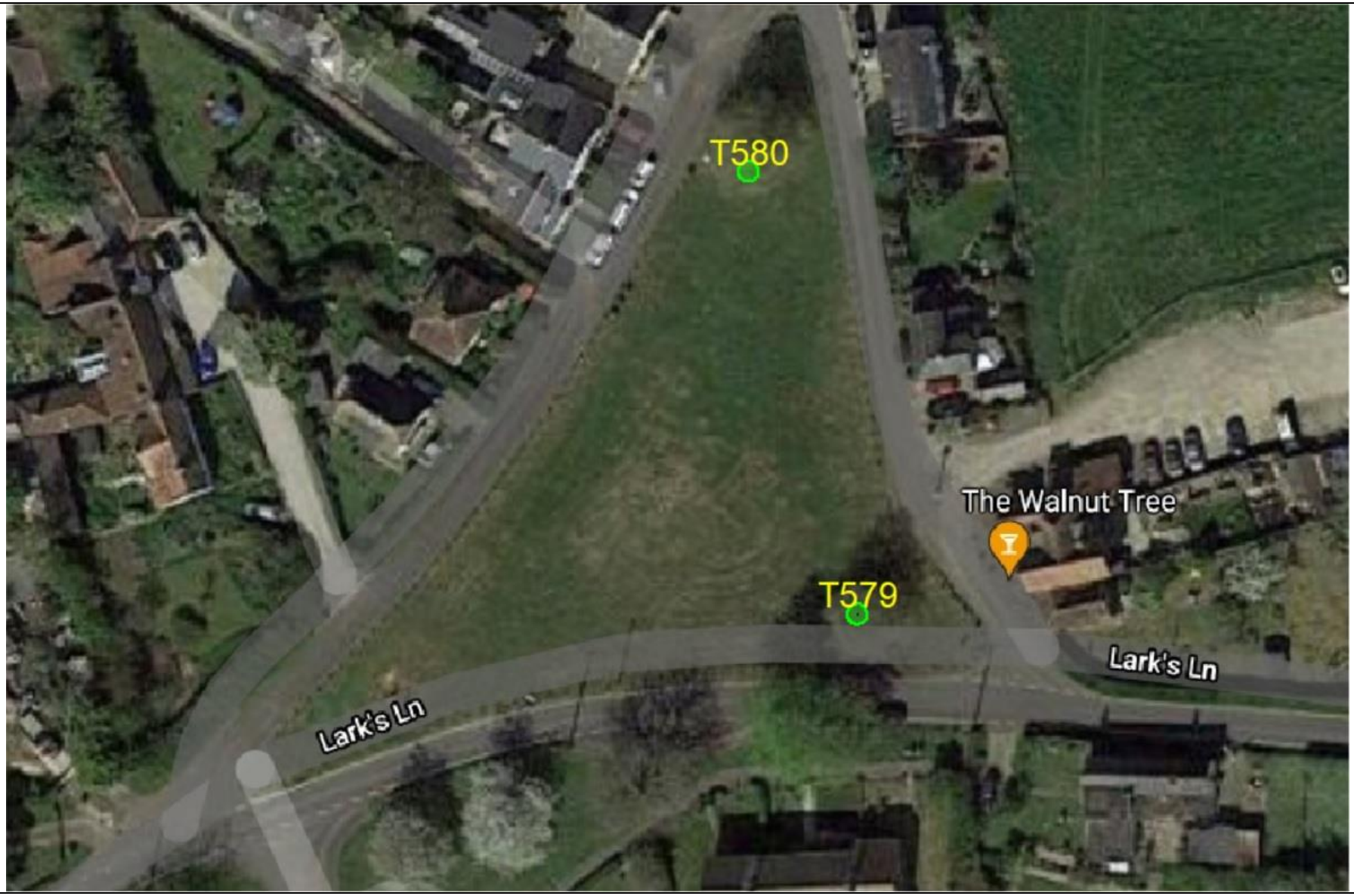
Key: - Trees surveyed



Banbury Square, Chelmsford Road CM3 1DE

Drawing not to scale.

Key: - Trees surveyed



The Green, Broads Green, CM3 1DT

Drawing not to scale.

Key: - Trees surveyed

Appendix 2: Explanation of Survey Terms and Data gathered

Tree No:	The tree number as given to the tree or group of trees as shown on the site plan.
Species:	This is the general common usage name given to the tree. The scientific name maybe given in brackets afterwards if considered relevant.
Height:	This is an approximate figure given in metres. Measurements are estimated unless elsewhere stated.
Crown size:	This is the estimated crown spread of the tree, generally at its widest point to cardinal points
Stem Diameter	This is an approximate figure given in millimetres at a height of 1.5m from ground level. MS = Multi-stemmed. TS = Twin-stemmed.
Age Class:	The following abbreviations are used to give the age of the tree: Y= Young trees aged less than one third of life expectancy. SM= Semi mature trees over one third of life expectancy. EM = Early mature tree, approx. one to two thirds of life expectancy. M = Mature tree over two thirds of life expectancy. OM= Over mature trees exceeding life expectancy.
Physiological Condition	This is a consideration of the overall vitality of the tree based on the crown condition and development. The following descriptions are used: Good, Fair, Poor, Dead, with intermediate descriptions using the same phrasing.
Observations and structural condition of trees	These are observations and comments on the visible structural condition of the tree on the day of the survey. They relate to generally unaided observations from the ground, unless otherwise stated.
Targets	Targets' in this instance, are people and/or property (or areas) that could be hit by the tree's partial or total failure. These Targets are identified from an evaluation of the site at the time of the survey.
Tree Risk Rating	Please see the appendices of this report for the explanation of risk rating. Please note that this risk rating is based upon observations made at the time of the survey. If further specialist in-depth surveying is recommended, the findings may alter the tree risk rating as given. Such trees are given a preliminary risk rating denoted by '*'.
Management Recommendations:	These recommendations are drawn from consideration of the structural condition and observations made at the time of the survey. Considerations are also made bearing in mind the need for more detailed inspections to investigate suspected defects and potential wildlife habitats.
Work Priority	The priority of works is generally evaluated according to the risk rating and quantified in terms of the time required to carrying out the management recommendations as given.
Inspection Frequency	This is the time span between when it is recommended the tree is next inspected. The inspection frequency provided assumes that recommended works given in this report are undertaken in the prescribed timescale.

Appendix 3: Arboricultural Definitions

Term	Definition
Arisings	Any part of a tree, derived from the tree during tree works.
Canker	Area of dead cambium and overlying tissues killed by a pathogen.
Cavity	Hole in a woody part of a tree caused by decay or damage.
Co-dominant stem / branch	Upward growing stem/ branch with a similar height and disposition as another stem/ branch
Coppicing	Cutting trees close to ground level with the intention of encouraging regrowth of multiple shoots.
Crown	Main foliage-bearing part of the tree
Crown lifting	Removal of lower branches to achieve a stated vertical clearance above ground level or other surface.
Crown reduction	Operation that results in an overall reduction in the height and/ or spread of the crown of a tree by means of a general shortening of twigs and/or branches, whilst retaining the main framework of the crown.
Crown thinning	Removal of a proportion of small, live branches from throughout the crown to achieve an even density of foliage around a well-spaced and balanced branch structure.
Deadwood	Parts of a tree or branch that are dead. Major deadwood - >50mm diameter. Minor deadwood - <50mm diameter
Heartwood	Dead or predominantly dead central wood of tree species whose sapwood has a finite and pre-determined lifespan.
Included bark	Bark tissue lodged in the union between a branch and the parent stem, in the crotch of two branches or between the bases of co-dominant stems, indicating potential weak attachment.
Pollard	Tree that has formed a crown consisting of numerous branches arising from the same height on a main stem or principal branches.
Wound	Injury in a tree caused by a physical force.

Appendix 4. Tree Data

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
T540	Sycamore	9	5	310	EM	Good	Dense basal epicormic growth. Historical pruning wounds at base with minor decay evident. Significant included bark union at 1.5m, appears currently stable no signs of recent cracking/movement. Partially failed branch union at 5m. Tar spot evident in lower crown, not considered significant. Fair structural condition.	Footpath Gate Third-party garden	Low	Remove failed branch back to union and reduce remaining crown by 1m to balance.	12 months	30 months
T541	Cherry	7.5	5	220	Y	Good	Tree not tagged. Dense understory of Elder and Bramble prevents full inspection, partial inspection reveals no current defects. Minor Ivy encroaching on main stem. Fair to Good structural condition.	Field Third-party garden	Low	Prune/remove understory to expose main stem to aid visibility for future inspections.	24 months	30 months
T542	Sycamore	12	8	450	SM	Good	Dense epicormic to the north prevents full inspection, partial inspection reveals no current defects. Decay evident at historical pruning wounds. Fair to Good structural condition.	Field Third-party garden	Low	Remove epicormic growth at base to expose main stem to aid visibility for future inspections.	24 months	30 months

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
T543	Sycamore	14	6	400	SM	Good	Tree not tagged. Tree located on boundary, no permission to access third-party property to inspect north side of main stem. No visual defects observed from inspection from recreation grounds. Minor Ivy encroaching on main stem. Minor deadwood in crown. Fair to Good structural condition.	Field Third-party garden	Low	No works presently required.	N/A	30 months
T544	Sycamore	16	10	600	M	Good	Tree located on boundary, suspected third-party owned tree. Main stem breaks at 1.8m into 4no stems, union appears adequate. Dense Ivy encroaching entire structure. Fair to Good structural condition.	Field Third-party garden	Low	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.	24 months	30 months
T545	Sycamore	12	8	400	EM	Good	Minor Ivy encroaching on main stem. Good structural condition.	Field Road	Low	No works presently required.	N/A	30 months

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
T546	Sycamore	14	8	370	EM	Good	Compacted soils around base, not currently considered significant. Low hanging branches overhanging road causing minor obstruction. Minor deadwood in crown. Fair to Good structural condition.	Field Road	Low	Crown lift to provide 4m clearance over road.	12 months	30 months
T547	Common Ash	14	8	270	EM	Fair to Good	Co-dominant stem from 1.2m with adequate union. 5% major deadwood in crown. Fair to Good structural condition.	Field Road	Low	Remove major deadwood over 50mm in diameter.	6 months	30 months
T548	Cherry	12	7	240	EM	Good	Minor soil compaction to the northwest with 2no exposed roots. Crown historically lifted to 3m with minor decay evident on wounds. Fair to Good structural condition.	Desire line Third-party property	Low	No works presently required.	N/A	30 months
T549	Cherry	15	8	550	M	Good	Rubbing branches throughout crown. Crown predominates west due to historical pruning. Crown in direct contact with third-party property to the east. Fair to Good structural condition.	Field Third-party property	Low	Reduce crown to east to provide 2m clearance from third-party property.	12 months	30 months

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
T550	Sycamore	16	6	450	SM	Good	Minor Ivy encroaching on main stem. Co-dominant stem from 1.6m with adequate union. Crown predominates west due to historical pruning. Fair to Good structural condition.	Field Third-party garden	Low	No works presently required.	N/A	30 months
T551	Whitebeam	8	5	280	EM	Good	Dense Ivy encroaching entire structure. Stem breaks at 1.2m into 3no stems with adequate union. Tree suppressed by adjacent large trees. Fair to Good structural condition.	Field Third-party garden	Low	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.	24 months	30 months
T552	Common Ash	15	6	340	EM	Fair to Good	Minor Ivy encroaching on main stem. Crown suppressed from adjacent trees. Minor deadwood in crown. Fair to Good structural condition.	Field Third-party garden	Low	No works presently required.	N/A	30 months

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
T553	Cherry	16	7	480	M	Good	Dense Ivy encroaching entire structure prevents full inspection, partial inspection reveals significant included bark union from upright limb extending from ground level to 1m. Upright limb is over-extended toward third-party garden. 5% major deadwood overhanging low use area. Fair structural condition.	Field Third-party garden	Low	Reduce over-extended upright limb to the east by 2.5m in length. Remove major deadwood over 50mm in diameter. Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.	12 months 12 months 24 months	30 months
T554	Common Ash	16	5	400	SM	Fair to Good	Dense Ivy encroaching main stem up to 6m. <5% major deadwood overhanging low use area. Fair to Good structural condition.	Field Third-party garden	Low	Remove major deadwood over 50mm in diameter. Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.	12 months 24 months	30 months
T555	Common Ash	16	6	340	EM	Fair to Good	Slender growth habit due to suppression from adjacent trees. Fair to Good structural condition.	Field Third-party garden	Low	No works presently required.	N/A	30 months
T556	Common Oak	16	8	410	SM	Fair to Good	Recent large diameter pruning wound on main stem at 1.6m to the west. 5% major deadwood overhanging low use area. Fair to Good structural condition.	Field Third-party garden	Low	Remove major deadwood over 50mm in diameter.	12 months	30 months

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
T557	Common Ash	15	8	350	SM	Fair to Good	Dense Ivy encroaching on main stem up to 6m. <5% major deadwood overhanging low use are. Fair to Good structural condition.	Field Third-party garden	Low	Remove major deadwood over 50mm in diameter. Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.	12 months 24 months	30 months
T558	Cherry	16	8	440	M	Fair to Good	Dense Ivy encroaching up to 6m. Co-dominant stem from 1.5m with included bark union, appears currently stable with no signs of recent cracking/movement. Fair to Good structural condition.	Field Third-party garden	Low	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.	24 months	30 months
T559	Common Ash	14	10	320	SM	Fair to Poor	Co-dominant stem from 1m with included bark union, extensive reaction growth on south side of union. Large wound on west stem with exposed wood, but no current decay evident. Stem to the west is in significant decline with an estimated 30% remaining live foliage. Fair structural condition.	Field Third-party garden	Moderate	Initiate high pollard at 8m and manage on a 3 – 5 year pruning cycle (depending on rapidity and extent of regrowth).	6 months	30 months

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
T560	Common Oak	12	6	360	EM	Fair to Good	Crown predominates south due to suppression from adjacent trees. 1no dead branch overhanging low use area. Fair to Good structural condition.	Field	Low	No works presently required	N/A	30 months
T561	Whitebeam	8	4	200	EM	Fair to Good	Dense Ivy encroaching on main stem up to 6m. Fair to Good structural condition.	Basketball court	Low	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.	24 months	30 months
T562	Lime	8	5	200	EM	Good	Co-dominant stem from 0.5m with included bark union, appears currently stable with no signs of recent cracking/ movement. Crown recently crown lifted to the west. Fair to Good structural condition.	Basketball court	Low	No works presently required.	N/A	30 months
T563	Common Oak	12	8	360	SM	Fair to Good	Stem breaks at 3m into 2no stems with adequate union. Minor deadwood throughout crown. Fair to Good structural condition.	Basketball court	Low	No works presently required.	N/A	30 months

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
TG1	Mixed Species Group	12	5	250	EM	Fair to Good	Linear group alongside third-party garages consisting of 3no trees, trees not tagged. Species include Field Maple, Lime and Common Ash. All trees have dense Ivy encroaching on main stems and crowns are in direct contact with garage roofs. Trees are generally of Fair to Good structural condition.	Third party garages	Low	Reduce east side of crowns to provide 1.5m clearance from third-party garage roofs. Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.	12 months 24 months	30 months
T564	Sycamore	14	8	320	SM	Fair to Good	Co-dominant stem from 1m with included bark union, appears currently stable with no signs of recent cracking/movement. Crown in direct contact with third-party garage roof. Fair to Good structural condition.	Third-party garages Field Desire line	Low	Reduce north side of crown to provide 2m clearance from third-party garage roofs.	12 months	30 months
T565	Field Maple	14	14	450	M	Fair	Tree located in boundary hedgerow. Stem breaks at 1.8m into 4no main stems. Tree is of poor form. Minor dieback in upper crown to the east, not currently considered significant. Fair structural condition.	Field	Low	No works presently required.	N/A	30 months

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
TG2	Group of Field Maple	5	4	100	Y	Good	Group of 5no evenly aged Field Maple. Trees are located within hedgerow. Trees are generally of Good structural condition.	Field	Low	No works presently required.	N/A	30 months
T566	Field Maple	12	10	440	M	Fair to Good	Minor soil compaction around base. Stem breaks at 1.8m into 6no main stems with included bark unions, appears currently stable with no signs of recent cracking/movement. Fair to Good structural condition.	Playground	Low	No works presently required.	N/A	30 months
T567	Common Ash	15	10	500	SM	Good	Minor deadwood in crown. Good structural condition.	Playground	Low	No works presently required.	N/A	30 months
T568	Field Maple	12	8	300	SM	Fair to Good	Minor soil compaction around base. Vascular damage on lower branches, not currently significant. Fair to Good structural condition.	Playground	Low	No works presently required.	N/A	30 months
T569	Common Ash	10	5	300	EM	Fair to Good	Minor Ivy encroaching on main stem. Fair to Good structural condition.	Playground	Low	No works presently required.	N/A	30 months

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
T570	Common Oak	14	10	450	EM	Good	Pronounced buttress roots to the east. Crown is in close proximity to climbing frame. 5% major deadwood in crown. Fair to Good structural condition.	Playground	Moderate	Remove major deadwood over 50mm in diameter. Reduce crown to provide 1.5m clearance from climbing frame.	6 months 12 months	30 months
T571	Hawthorn	7	8	200	SM	Fair to Good	Dense Ivy encroaching entire structure prevents full inspection, partial inspection reveals no current defects. Multi stemmed from base. Fair to Good structural condition.	Playground	Low	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.	24 months	30 months
T572	Lime	14	10	380	SM	Good	Included bark unions throughout crown, appear currently stable with no signs of recent cracking/movement. Small Hawthorn to the south is standing dead overhanging footpath. Fair to Good structural condition.	Footpath	Low	Fell small dead Hawthorn to the south of this tree.	6 months	30 months
T573	Sorbus	6	5	160	EM	Dead	Tree is standing dead tree, a further 1no small diameter tree to the south is also standing dead. Poor structural condition.	Footpath	Moderate	Fell both trees to ground level.	6 months	N/A
T574	Sweet Chestnut	7	8	340	EM	Fair	Dense epicormic growth throughout crown. <5% major deadwood in crown. Fair to Good structural condition.	Footpath	Moderate	Remove major deadwood over 50mm in diameter.	6 months	30 months

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
T575	Sorbus	4	3	100	Y	Dead	Tree not tagged. Dense Ivy encroaching entire structure. Tree is standing dead	Footpath	Moderate	Fell to ground level.	6 months	30 months
T576	Sycamore	18	10	300	SM	Good	Dense basal epicormic growth and Ivy encroaching entire structure prevents full inspection, partial inspection reveals cluster of 4no stems from ground level. Fair structural condition.	Footpath Third-party garden	Low	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.	24 months	30 months
T577	Sycamore	18	9	300	SM	Good	Dense basal epicormic growth and Ivy encroaching entire structure prevents full inspection, partial inspection reveals cluster of 4no stems from ground level. Stem in direct contact with overhead services at 7m. Fair structural condition.	Footpath Parking area	Low	Sever and remove Ivy up to 2m to prevent further encroachment and to aid visibility for future inspections.	24 months	30 months
T578	Common Oak	12	12	580	SM	Fair to Good	Main lateral projecting north at 1.6m has minor included bark union, not currently of concern. Lights installed throughout crown. <5% major and minor deadwood overhanging low use area. Fair to Good structural condition.	Road Footpath	Low	Remove major deadwood over 50mm in diameter.	12 months	30 months

Tree No:	Species	Ht. (m)	Crown Dia. (m)	Trunk Dia. (mm)	Age	Phys Con	Observations and structural condition of trees	Targets	Tree risk rating	Tree Work Recommendations	Timescale	Inspection frequency
T579	Lime	12	8	460	SM	Good	Minor basal epicormic growth. Dense foliage prevents full inspection of structure, no significant defects associated with crown visible. Fair to Good structural condition.	Road	Low	Carry out next inspection during the winter 2023 to allow full inspection of structure.	N/A	30 months
T580	Lime	16	8	500	M	Good	Dense basal epicormic growth prevents full inspection of stem base. Stem breaks at 3.5m with included bark union, appears currently stable with no signs of recent cracking/movement. Fair to Good structural condition.	Road	Moderate	Remove basal epicormic growth and re-inspect with 1 year.	6 months	30 months

Appendix 5: Risk Assessment

Risk Assessment Explanation

Risk has been assessed using the International Society of Arboriculture's (ISA) Tree Risk Assessment Methodology, referred to as TRAQ. This is a 'qualitative' system, which uses a matrix-based combination of ratings to reach a conclusion of associated risk.

Risk is the combination of the 'likelihood' of an event and the severity of the potential consequences. A hazard is a likely source of harm and this case relates to the tree or part of a tree that may fail.
The likelihood of failure considers all structural defects noted within the tree. The overall risk rating for the tree is derived from the tree part presenting the greatest risk.

Matrix 1. Likelihood matrix

Likelihood of Failure	Likelihood of Impact			
	Very Low	Low	Medium	High
Imminent	Unlikely	Somewhat likely	Likely	Very likely
Probable	Unlikely	Unlikely	Somewhat likely	Likely
Possible	Unlikely	Unlikely	Unlikely	Somewhat likely
Improbable	Unlikely	Unlikely	Unlikely	Unlikely

Matrix 2. Risk rating matrix

Likelihood of Failure and impact	Consequence of Failure			
	Negligible	Minor	Significant	Severe
Very likely	Low	Moderate	High	Extreme
Likely	Low	Moderate	High	High
Somewhat likely	Low	Low	Moderate	Moderate
Unlikely	Low	Low	Low	Low

Appendix 6: Limitations and Terms

Limitations of the Tree Survey

The survey was based on a ground level visual observation and aids as detailed within section 1.3.
A climbing inspection was not carried out.
No below ground inspections were carried out.
This report focuses on the physiological and structural condition and hazards posed by the trees as identified within this report.

Findings of the Survey and the Report

The recommendations in this tree report are valid for one year.
Independent data, where provided, has not been checked unless otherwise stated. This may affect the validity of the report and the client should satisfy themselves that any independent data provided is valid.

Timing of the Survey and the Report

Considerations/ recommendations will become invalid if changes occur to the site as considered that affect the condition of the tree, the site as evaluated, or the hazards as identified at the time of the survey.
If there are any such alterations, it is recommended that a new tree survey/report is undertaken.

Assessment of 'Targets' as considered

'Targets' are considered as those things, people and property that could be hit by the trees failing, whether such failure is partial or total.
These Targets are identified from an evaluation of the site at the time of the survey.
Changes to the site from the time of the survey may affect the targets as considered within the report and will require review or re-appraisal of the report.

Trees subject to statutory controls

If the trees are covered by a Tree Preservation Order or are located in a conservation area it will be necessary to consult the local authority before any pruning works, other than certain exemptions, can be carried out.
The works specified above are necessary for reasonable management and should be acceptable to the local authority. However, the local authority may take an alternative point of view and have the option to refuse consent.

Trees are subject to changes outside man's control

Trees are living organisms subject to changes outside man's control. Trees and environment alter with the seasons it is as well to inspect trees whilst in full leaf and when out of leaf.
If there are any harsh or unexpected weather conditions, or heavy storms it is also prudent to inspect trees.
Changes to ground water conditions will affect the root growth of a tree. Such changes are not always the result of man's influence and others factors may be involved.

Limitations of use of copyright

Trees in Relation to Subsidence and Heave

This report does not consider the subsidence risk posed by any trees to any built structures.

Neither does the report consider the risk of Heave occurring to any built structures following the removal of any trees.

The report does not include consideration of drainage pipework.

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