

Tree Condition & Management Report

Site: Writtle Green & St John's Green
Writtle
Chelmsford

Client: Writtle Parish Council

Report Reference: UTC-0587-06-02-TCR

28 June 2024

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1.0 INTRODUCTION

INSTRUCTION & BRIEF

- 1.1 Underhill Tree Consultancy is instructed by Writtle Parish Council to assess trees at six sites under their control and report on their condition and management requirements. It has been carried out by Graham Underhill, Chartered Arboriculturist and registered consultant with the Institute of Chartered Foresters. Details of qualifications and experience can be found at <http://www.underhilltc.co.uk/about-us>.
- 1.2 This report relates to trees at Writtle Green and the adjacent St John's Green.

DOCUMENTS & INFORMATION PROVIDED

- 1.3 A previous condition report and plan of the site was supplied.

PREVIOUS INPUT

- 1.4 A previous survey and report was produced by UTC in August 2021.

PURPOSE & SCOPE OF THIS REPORT

- 1.5 This report's purpose is to assess the condition of trees from a safety perspective, specifically in respect to the management of the risk from falling trees or branches. Hazards and risks have been assessed and recorded and recommendations made to reduce risk to acceptable levels.
- 1.6 It follows current best practice on tree risk, including guidance given by the Health and Safety Executive (HSE) in a SIM 01/2007/05, *Management of the Risk from Falling Trees or Branches*, and in the National Tree Safety Group (NTSG) publication, *Common Sense Risk management of Trees* (2011).
- 1.7 Tree owners and managers have a duty of care to take reasonable care to avoid acts or omissions that cause a reasonably foreseeable risk of injury to persons or property.
- 1.8 Works are also recommended for sound arboricultural management reasons where appropriate.

SURVEY METHODOLOGY & REPORT LIMITATIONS

- 1.9 The survey was carried out from ground level only and using Visual Tree Assessment (VTA)¹. No specialist decay detection equipment was used. Where necessary, basic, non-invasive sounding and probing tools, such as a mallet and/or metal probe were used. No soil samples or investigations were carried out. Recommendations to undertake an aerial inspection or more detailed investigation of internal parts of a tree are given if required.
- 1.10 Trees are dynamic, living organisms and it is not possible to maintain them totally free of risk. Some level of risk must be accepted in order to experience the full range of benefits that trees provide. Their condition can change rapidly as the trees grow and can be affected by external conditions and therefore this report is valid until the next recommended assessment, which is in 3 years' time. This period may be reduced if significant changes occur to the trees or the ground conditions close to them.

¹ Visual Tree Assessment (VTA) - In addition to the literal meaning, a system expounded by Mattheck and Breloer (1995) to aid the diagnosis of potential defects through visual signs and the application of mechanical criteria.

- 1.11 Trees are sometimes divided into two risk zones: one zone where there is frequent public access to trees (e.g., in and around picnic areas, schools, children's playgrounds, popular footpaths, car parks, or at the side of busy roads); and a second zone where trees are not subject to frequent public access. As a rough guide 'trees subject to frequent public access' are those that are closely approached by many people every day. Recommendations for management and the priority of such, are based upon the zone and target combined with the severity of the defects possessed by the tree. On this site, all trees are subject to frequent public access, therefore, the priority given to proposed works is based on the most used areas of the site or the likelihood of failure.
- 1.12 This report takes no account of whether trees could affect the soil in the area in such a way as to cause tree-related damage such as subsidence or heave, to buildings or other structures.
- 1.13 On-going normal maintenance such as pruning vegetation away from paths etc., or hedge-cutting, are not dealt with within this report unless there is a significant risk associated.

PLANS & TREE POSITIONS

- 1.14 The position of trees shown on our plans is based on the supplied plans, or plotted using measurements taken on site, therefore the position of trees on our plans may not be plotted accurately but are close enough for the purposes of the report.

2.0 LEGAL CONSIDERATIONS

TREE PRESERVATION ORDER (TPO) STATUS

- 2.1 Tree Preservation Order TPO 2013/036 applies to the site. Trees covered are referenced as lime trees T1, T2, T3, T4, T5, T6 and T7. Using the tree numbers used within this report, these appear to refer, in the same order, to trees T42, T47, T49, T51, T52, T16, T12, T10 and T4. However, T47 has been removed and replaced by a new tree and it is not known if the TPO has been varied to include this tree. Also, T49 and T10 do not appear to be in the correct position, but it is assumed these are the trees referred to. The parish council may already know which trees the TPO covers, otherwise it might be prudent to seek clarification from Chelmsford City Council.
- 2.2 A Tree Preservation Order on any subject tree means written consent for any works will be required from the LPA.

CONSERVATION AREA (CA) STATUS

- 2.3 The whole site is within Writtle Conservation Area.
- 2.4 If a subject tree is within a CA, six weeks' notice must be given to the LPA. During this time, the LPA can protect the tree with a TPO, confirm acceptance of the Notice, or do nothing, after which time the proposed tree work can go ahead.
- 2.5 The tree protection status is correct at the time of report production but can be subject to change. It is therefore the responsibility of any persons undertaking tree works operations to the trees which are the subject of this report and in accordance with our recommendations, to undertake their own statutory tree protection checks with the local planning authority, to include TPO, conservation area and planning conditions prior to works commencing. Tree work agreed as part of full planning consent overrides the need to apply separately although pre-commencement planning conditions may need to be discharged first. Wilful damage or destruction of TPO/Conservation Area trees can result in prosecutions for companies or individuals and fines can be up to £20,000 (County Court fines are unlimited).

ECOLOGICAL CONSIDERATIONS

- 2.6 Although outside the specific scope of this report, tree removal and tree works have the potential to cause harm to wildlife, and this should be considered at the planning stage. Additionally, some wildlife which uses trees is legally protected: the Wildlife and Countryside Act 1981, as amended, The Conservation of Habitats and Species Regulations 2010 and the Countryside and Rights of Way Act 2000, provide statutory protection to species of flora and fauna including birds, bats and other species that are associated with trees. These could impose significant constraints on the use and timing of access to the site. It is the responsibility of the main contractor and tree surgery contractor to ensure that no protected species are harmed whilst carrying out site clearance or tree surgery works. Unless competent to do so, the advice of an ecologist must be sought. It is generally considered that birds nest between March and August but it must be understood that birds and active nests are protected irrespective of the time of year and some species can nest in any month. Therefore, due diligence must be observed towards nesting birds whenever tree works are carried out.

3.0 THE SITE

SITE VISIT

- 3.1 A site visit was carried out during June 2024. All observations were made from ground level without detailed investigations. Dimensions were estimated unless otherwise indicated. The weather was clear and dry on the days of inspection, so visibility was not impeded.
- 3.2 Many of the trees are numbered using metal tags from previous surveys. Where these are present, the same numbering system has been used for consistency.

SITE DESCRIPTION & RECENT HISTORY

- 3.3 Both greens, and Writtle Green in particular, are an important part of the centre of the village of Writtle. The trees add considerably to the greenspace and local landscape character of the village. The greens are bordered on all sides by roads, including a busy main road, and smaller roads, mostly used for parking. Virtually all the trees are around the edges of the greens, with the centre being an open grassed area.
- 3.4 A survey of the trees has been carried out every three years, followed by tree works where necessary. This has resulted in a generally well-managed tree population.

4.0 THE SUBJECT TREES

POPULATION ANALYSIS

- 4.1 There is limited diversity in tree species as the majority are lime trees which is not ideal from the perspective of sustainability. Populations of trees with a greater diversity of species are generally more robust than those with a limited range of species, as the impact of species-specific pathogens² is greatly reduced. In recent years, several new, potentially very damaging pathogens have arrived in the UK with others forecast to arrive in the coming years.

² Pathogen - A micro-organism that causes disease in another organism.

AGE-CLASS DISTRIBUTION

- 4.2 There is reasonable diversity in age range of trees on site, from newly planted to mature trees. It is important to have a range of age classes within a tree population. It ensures continuity both in terms of landscape and ecological benefit. Populations that consist of predominantly mature and late-mature trees are likely to decline at a similar rate, therefore, leaving a gap of many years before the benefits that they provide are replaced by those that are newly established.

HEALTH

- 4.3 Most of the trees across the site are of normal vitality. Trees with reduced vitality are more likely to be susceptible to pathogens, which may lessen their life expectancy and compromise their structural integrity.

ISSUES & PROPOSED TREE WORKS

- 4.4 Some of the works required is for the removal of dead branches. Deadwood³ has high ecological value and should not be removed routinely but only where there is a risk of it falling on to a target below, therefore, removal is only specified where this has been identified. This is purely from a safety perspective and is therefore only recommended for trees where there is frequent pedestrian or vehicular activity below.
- 4.5 Several trees have low branches over areas where people walk, or over roads and crown lifting⁴ is required to avoid conflict. Some of the lime trees also have dense sucker and epicormic growth at their bases which can impede pedestrians and potentially block sight lines for traffic. Much of this appears to already occur as part of the routine grounds maintenance of the site.
- 4.6 Within the Tree Schedule, a priority is given against each work specification. This is decided by either the severity of the fault, the location, or both. Where a longer timescale is given, this is for budgeting or management purposes. All proposed works could be carried out as one operation if this is preferable.

5.0 RECOMMENDATIONS

- 5.1 The recommended tree works are specified in the Tree Schedule in Appendix A below.
- 5.2 Any tree surgery works should be carried out by a suitably qualified and insured arborist and undertaken in accordance with BS 3998: 2010 Tree Work - recommendations.

³ Deadwood - In the growth and development of a tree, branches compete with each other, and weaker branches are eventually suppressed and die. The dead branches, collectively called deadwood, are then liable to fall, particularly if lacking in durable heartwood. Deadwood begins to develop naturally, largely in the inner and lower crown, in all trees that are mature and unmanaged. It develops relatively quickly if vigour is low. Deadwood in the outer crown of a mature tree signifies a decline that might either be progressive or due to some prejudicial episode in the past (root damage, summer drought, pest or disease etc.) from which the tree has since recovered. Deadwood is a vital component of a properly functioning woodland or forest ecosystem. It plays an important role in sustaining biodiversity and in delivering ecosystem services such as soil formation and nutrient cycling. In the UK, up to a fifth of woodland species depend on dead or dying trees for all or part of their life cycle and many of these species are rare or threatened.

⁴ Crown lifting - The removal or shortening of the branches that form the lower part of the crown of a tree.

- 5.3 Due to the proximity of many of the trees to roads, parked cars, footpaths, public open space, and other areas in high public use, it is advised that the trees be re-assessed at every two to three years. This should be by a suitably qualified, experienced and insured arboriculturist.

APPENDIX A – TREE SURVEY SCHEDULE, EXPLANATORY NOTES & PLANS

Methodology

A ground level only survey was undertaken. No specialist decay detection equipment was used with basic sounding and probing tools used where necessary. No soil samples or investigations were carried out.

Access to trees outside the site boundaries may not have been possible, thus observations are confined to what was visible from within the site and any surrounding public areas.

Where heavy ivy, or other vegetation is present, trees are assessed from what can be seen. Where there are concerns but close access is not possible, recommendations may be made to clear vegetation and reinspect.

Tree No.
T: Tree; G: Group; W: Woodland; H: Hedge; S: Shrub mass

Species
Common names are used with the scientific name given the first time of use.

Height
Estimated or measured with the use of a Disto laser measurer, given in metres.

Trunk Diameter
Measured at approximately 1.5m above ground level and given in millimetres.

Radial Crown Spread
Measured by Disto laser measurer at the main cardinal points and given in metres. For trees with reasonably symmetrical crowns, a single averaged figure is given.

Life Stage
NP: Newly planted.
Y: Young - an establishing tree that could be easily transplanted.
SM: Semi-mature - an established tree still to reach its ultimate height and spread and with considerable growth potential.
EM: Early mature - a tree reaching its ultimate height and whose growth is slowing, however, it will still increase considerably in stem diameter and crown spread.
M: Mature - a tree with limited potential for further significant increase in size although likely to have a considerable safe useful life expectancy.

LM: Late mature - a senescent tree, in decline, although may still have a useful life expectancy.
V: Veteran - has features associated with advanced age for its species but not necessarily very old chronologically.
A: Ancient - a tree older than typical for the species and of great ecological, cultural or aesthetic value.

Physiology/Vitality
Health, condition and function of the tree, in comparison to a normal specimen of its species and age.

Structure
Structural condition of the tree, based on both the structure of its roots, trunk, major stems and branches, and on the presence of any structural defects or decay. Given as Good, Fair, Poor or

Hazardous
Target & Site Features
A 'target' refers to the likelihood of people being present within falling distance, or property of value.

Comments
Where appropriate, comments could expand on tree condition and health, features within the rooting zone, safety concerns etc.

Recommended Works
Primarily, proposed works are for safety reasons although some works may be recommended for arboricultural reasons or to reduce the likelihood of a future hazard developing.

(W) Works Priority
1: urgent attention required (as soon as practically possible).
2: Works required within 30 days.
3: works required as part of scheduled maintenance during the 12 months following the relevant inspection date.
4: Works required are of the lowest priority and may be done if budget allows.
5: N/A: No work required.

Inspection Frequency
1: carry out an aerial inspection and/or use of decay detection, or other technical equipment.
2: 12-month inspection.
3: 18-month inspection (to allow for inspection in different seasons).
4: 3-year inspection

Wildlife
Many wild animals and birds are protected by law and many use trees for part or all of their lifecycles. Therefore, tree work always has the potential to cause harm. All wild birds, their eggs and nests are protected by law. Although birds generally nest between March and September, some species can nest at any time of year. A visual check for nests must be made by a competent person before tree works are carried out.

Bats have greater protection, including their roosts whether they are occupied or not. Bats use different roosts at different times of year, therefore potential roost features (PBRs) are noted and must be checked by an appropriately qualified person, if it is to be disturbed during tree works.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T1	Common lime (<i>Tilia x europaea</i>)	8m	250mm	2.5m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T2	Common lime (<i>Tilia x europaea</i>)	10m	450mm	6m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars.	Moderate	Possible	Minor	Memorial tree. Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T3	Common lime (<i>Tilia x europaea</i>)	6m	680mm	2m	M	Good	Fair	Pedestrians on well used grass area. Parked cars.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T4	Common lime (<i>Tilia x europaea</i>)	6m	680mm	2m	M	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T5	English oak (<i>Quercus robur</i>)	16m	950mm	8m	M	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Significant	Some minor deadwood.	-	-
T6	Common lime (<i>Tilia x europaea</i>)	7m	750mm	3m	M	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T7	Common lime (<i>Tilia x europaea</i>)	7m	250mm	3m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T8	Common lime (<i>Tilia x europaea</i>)	8m	250mm	3m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T9	Common lime (<i>Tilia x europaea</i>)	8m	300mm	3m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T10	Common lime (<i>Tilia x europaea</i>)	24m	700mm	8m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T11	Common lime (<i>Tilia x europaea</i>)	7m	250mm	3m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T12	Common lime (<i>Tilia x europaea</i>)	24m	700mm	7m	M	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.; very large tree which is important in the local landscape; dead 100mm diameter branches above road.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired. Safety: Remove dead branches. Urgent.	Optional. Works will allow easier use of ground beneath. As & when required. 6 Months
T13	Common lime (<i>Tilia x europaea</i>)	8m	250mm	3m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T14	Common lime (<i>Tilia x europaea</i>)	12m	350mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T15	Common lime (<i>Tilia x europaea</i>)	7m	250mm	3m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T16	Common lime (<i>Tilia x europaea</i>)	24m	700mm	7m	M	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Medium	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.; very large tree which is important in the local landscape; dead 100mm diameter branches above road.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired. Safety: Remove dead branches. Urgent.	Optional. Works will allow easier use of ground beneath. As & when required. 6 Months
T17	Common lime (<i>Tilia x europaea</i>)	7m	250mm	3m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T18	Common lime (<i>Tilia x europaea</i>)	7m	250mm	3m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T19	Common lime (<i>Tilia x europaea</i>)	9m	350mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T20	Common lime (<i>Tilia x europaea</i>)	13m	350mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T21	Common lime (<i>Tilia x europaea</i>)	13m	350mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

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T22	Common lime (<i>Tilia x europaea</i>)	13m	400mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Moderate	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T23	Common lime (<i>Tilia x europaea</i>)	13m	350mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Parked cars. Benches.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T24	Common lime (<i>Tilia x europaea</i>)	13m	350mm	4m	EM	Good	Fair	Pedestrians and busy road	Moderate	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T25	Common lime (<i>Tilia x europaea</i>)	15m	350mm	4.5m	EM	Good	Fair	Pedestrians and busy road	Moderate	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T26	Common lime (<i>Tilia x europaea</i>)	15m	450mm	4.5m	EM	Good	Fair	Pedestrians and busy road	Medium	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T27	Common lime (<i>Tilia x europaea</i>)	15m	450mm	4.5m	EM	Good	Fair	Pedestrians and busy road	Moderate	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T28	Common lime (<i>Tilia x europaea</i>)	15m	450mm	4.5m	EM	Good	Fair	Pedestrians and busy road	Moderate	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T29	Common lime (<i>Tilia x europaea</i>)	14m	450mm	5m	EM	Good	Fair	Pedestrians and busy road	Moderate	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T30	Common lime (<i>Tilia x europaea</i>)	14m	450mm	5m	EM	Good	Fair	Pedestrians and busy road	Moderate	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T31	Common lime (<i>Tilia x europaea</i>)	14m	400mm	5m	EM	Good	Fair	Pedestrians and busy road	Moderate	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T32	Common lime (<i>Tilia x europaea</i>)	14m	350mm	4m	EM	Good	Fair	Pedestrians and busy road	Moderate	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T33	London plane (<i>Platanus acerifolia</i>)	9m	120mm	4m	Y	Good	Good	Pedestrians and busy road	Moderate	Improbable	Negligible	Recently planted tree.	-	-

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T34	Silver birch (<i>Betula pendula</i>)	14m	350mm	5m	M	Fair	Fair	Pedestrians on well-used grass area	Moderate	Improbable	Minor	No obvious issues;	-	-
T35	Field maple (<i>Acer campestre</i>)	2.5m	30mm	1m	NP	Fair	Fair	Pedestrians on well-used grass area	Moderate	Improbable	Negligible	Recently planted to replace dead weeping birch.	Arboricultural: Remove grass from 1 metre diameter around base and apply 100mm woodchip mulch.	6 Months.
T36	Weeping willow (<i>Salix x sepulcralis</i>)	16m	950mm	8m	M	Fair	Fair	Pedestrians on well-used grass area	Moderate	Possible	Significant	Has recently been heavily reduced. Presumably in response to earlier decay detection works.	Arboricultural: Reduce back to previous pruning points	3-5 years
T37	Weeping willow (<i>Salix x sepulcralis</i>)	10m	450mm	6m	EM	Fair	Fair	Pedestrians on well-used grass area	Moderate	Possible	Significant	One large lateral branch as a split but is resting on branch below, so unlikely to fail.	Assess any changes at next inspection	-

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T38	Weeping willow (<i>Salix x sepulcralis</i>)	8m	600mm	4m	M	Fair	Fair	Pedestrians on well-used grass area	Medium	Possible	Significant	Some decay in main stem around an old wound.	Assess any changes at next inspection	-
T39	English oak (<i>Quercus robur</i>)	8m	250mm	3m	SM	Fair	Fair	Pedestrians on well-used grass area	Medium	Possible	Significant	No obvious issues;	-	-
T40	English oak (<i>Quercus robur</i>)	10m	300mm	6m	SM	Fair	Fair	Pedestrians on well-used grass area	Medium	Possible	Significant	No obvious issues;	-	-
T41	Sweetgum (<i>Liquidamber styraciflua</i>)	5m	60mm	1.5m	Y	Fair	Fair	Pedestrians on well-used grass area	Medium	Improbable	Negligible	No obvious issues;	-	-

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T42	Common lime (<i>Tilia x europaea</i>)	24m	750mm	7m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T43	Common lime (<i>Tilia x europaea</i>)	15m	450mm	5m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T44	Common lime (<i>Tilia x europaea</i>)	9m	300mm	5m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T45	Common lime (<i>Tilia x europaea</i>)	8m	350mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T46	Common lime (<i>Tilia x europaea</i>)	7m	300mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T47	Common lime (<i>Tilia x europaea</i>)	5m	130mm	3m	Y	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Improbable	Negligible	Original tree removed due to decay and replaced with a new tree.	-	-
T48	Common lime (<i>Tilia x europaea</i>)	9m	300mm	3m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T49	Common lime (<i>Tilia x europaea</i>)	24m	800mm	7m	M	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.; very large tree which is important in the local landscape; dead 100mm diameter branches above road.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired. Safety: Remove dead branches. Urgent.	Optional. Works will allow easier use of ground beneath. As & when required. 6 Months
T50	Common lime (<i>Tilia x europaea</i>)	7m	250mm	3m	Y	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

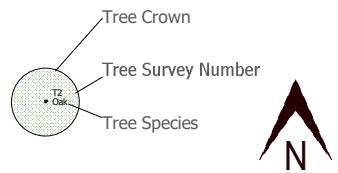
No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T51	Common lime (<i>Tilia x europaea</i>)	24m	850mm	7m	M	Fair	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.; very large tree which is important in the local landscape; dead 100mm diameter branches above road.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired. Safety: Remove dead branches. Urgent.	Optional. Works will allow easier use of ground beneath. As & when required. 6 Months
T52	Common lime (<i>Tilia x europaea</i>)	24m	750mm	7m	M	Fair	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Significant	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.; very large tree which is important in the local landscape; dead 100mm diameter branches above road.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired. Safety: Remove dead branches. Urgent.	Optional. Works will allow easier use of ground beneath. As & when required. 6 Months

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T53	Common lime (<i>Tilia x europaea</i>)	6m	150mm	2m	Y	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.; very large tree which is important in the local landscape; dead 100mm diameter branches above road.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired. Safety: Remove dead branches. Urgent.	Optional. Works will allow easier use of ground beneath. As & when required. 6 Months
T54	Common lime (<i>Tilia x europaea</i>)	14m	350mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T55	Common lime (<i>Tilia x europaea</i>)	14m	400mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T56	Common lime (<i>Tilia x europaea</i>)	14m	400mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T57	Common lime (<i>Tilia x europaea</i>)	12m	300mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T58	Common lime (<i>Tilia x europaea</i>)	16m	550mm	6m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T59	Common lime (<i>Tilia x europaea</i>)	6m	250mm	2m	SM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T60	Common lime (<i>Tilia x europaea</i>)	15m	800mm	5m	M	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Significant	Moderate amounts of deadwood; low branches over areas people walk, however, there is space to avoid;	Safety: Remove deadwood. Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	6 months Optional. Works will allow easier use of ground beneath. As & when required.
T61	Common lime (<i>Tilia x europaea</i>)	8m	350mm	3m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.
T62	Common lime (<i>Tilia x europaea</i>)	9m	350mm	4m	EM	Good	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Possible	Minor	Regular pruning of lower small branches needed as and when they affect the use of the ground beneath.	Facilitative: Crown lift to 2.5m above ground level, including any epicormic shoots if desired.	Optional. Works will allow easier use of ground beneath. As & when required.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physiology	Structure	Target	Target Use (risk)	Failure (risk)	Consequence (risk)	Comments	Works	Works Priority
T63	Red horse chestnut (<i>Aesculus x carnea</i> 'Briottii')	11m	700mm	5m	M	Fair	Fair	Pedestrians on well used grass area. Road & parked cars.	Medium	Improbable	Minor	Leaf miner moth present. Tree coping at present.	-	-
T64	Horse chestnut (<i>Aesculus hippocastanum</i>)	8m	150mm	3m	Y	Fair	Fair	Pedestrians on well used grass area.	-	--	-	Young tree.	--	-
G1	White willow and Alder (<i>Alnus glutinosa</i>)	9m	400mm	3m	EM	Fair	Fair	None	Medium	Possible	Negligible	Alder is dead and willow is dying. Growing on island in pond, so location means negligible hazard	-	-
G2	English elm (<i>Ulmus procera</i>) and Blackthorn (<i>Prunus spinosa</i>)	5m	-	2.5m	EM	Fair	Fair	Road and parked cars	Medium	Possible	Minor	Pondside group of dense shrubbery and small trees. Adjacent to road.	-	-



Rev	Description	Date	Drawn
1	Tree Survey Plan	18.08.2021	

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Project
Writtle Green & St John's Green - Writtle PC

Title
Tree Survey Plan

Drawing Number UTC-0587-P01-TSP	Scale 1:500 @ A3	Date 18.08.2021
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Trees are dynamic living organisms and their condition can change rapidly and therefore this report is valid for a period of 12 months. This period may be reduced if significant changes occur to the trees or the ground conditions close to them.



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