

**Arboricultural Impact Assessment
for Land North-West of Southwater,**

Prepared for Berkeley Strategic Land Limited



A trading name of RG Consultancy Limited

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1.0 Introduction

- 1.1 This Arboricultural Impact Assessment has been prepared by Ruskins Tree Consultancy to inform the outline planning application for the proposed redevelopment of Land north-west of Southwater. The outline planning application, with all matters reserved (except for primary access to the highway) is for a phased development comprising: “the demolition of existing buildings and the construction of residential dwellings (including affordable housing) (Use Classes C2 and C3); a mixed-use neighbourhood centre (Use Classes E and F2); education facilities (Use Class F1(a)); business and employment floorspace (Use Classes B2, B8 and E(g)); redevelopment of existing agricultural buildings including construction of a building for community use (Use Class F2); improvements to public rights of way; sports pitches; gypsy and traveller pitches/plots; public open space; landscaping, and associated infrastructure”.
- 1.2 There is an additional proposal for the extension of the car parking facilities on a site adjacent to Christ's Hospital Railway Station measures approximately 1.34ha in size and is located approximately 800m to the north-west of the main Site. Whilst this site is part of the planning application the delivery of this site is dependent on future demand for this facility and is to be addressed within a s106 agreement.
- 1.3 This Arboricultural Impact Assessment assesses the likely significant effects of the proposed development with respect to Arboriculture. This report also describes the legislative and policy framework; the methods used to assess the effects; the baseline conditions currently existing at the site; the mitigation measures required to prevent, reduce or offset any significant negative effects; and the likely residual effects after these measures have been adopted.
- 1.4 We have been provided with a copy of the Tree Survey Report and Arboricultural Impact Assessment prepared by Hankinson Duckett Associates (HDA Ref: 2090.88 Issue: 01 September 2022). This was prepared to inform the previous planning application for this site.
- 1.5 We have visited the site and undertaken a walkover survey to check and update the tree survey to reflect the current condition of the trees. To help avoid confusion we have used the same tree numbers as the 2022 tree survey, the main change to the tree survey information is the increase in the number of Veteran trees that have been identified.
- 1.6 The tree condition survey was circulated to the design team very early in the layout design process and has informed the proposed development of this site. We have subsequently been provided with a copy of the proposed layout plans and have been instructed to assess the impact of development proposals on the arboricultural resource and to produce the following:
- Arboricultural Impact Assessment.
 - Tree Survey
 - Tree Removals Plan.

2.0 Report Limitations

- 2.1 Trees are living organisms as well as self-supporting dynamic structures. Their physiological and structural condition can change rapidly in response to a wide range of biotic/abiotic factors. They have the potential to fail structurally, both with and without prior manifestation of any reasonably observable symptoms.
- 2.2 This report is prepared for the planning application purposes only and does not evaluate the degree of risk posed by trees.
- 2.3 It is beyond the scope of this report to comment in relation to structural damage – direct or indirect, existing or potential – that might be associated with vegetation growth, or vegetation-related soil subsidence or heave.
- 2.3 Findings relate to the condition of the trees as found at the time of survey. Any physical alterations to site conditions subsequent to the date of the site survey will have the potential to change/invalidate the findings and recommendations of this report.
- 2.4 The findings and recommendations of this report are limited to a period of 24 months from the date of this report. In the event of any changes in the rooting environment of the trees including excavation works, waterlogging or removal of any underground structures /services the condition of the trees should be reviewed.
- 2.5 After extreme weather events or if any large branch failure, storm damage, structural failure or symptoms of disease or decay including fungi are observed then we recommend that the condition of the trees should be reviewed.

3.0 Site Description

- 3.1 The Site falls within the administrative boundary of Horsham District Council ('the Council' or 'HDC'). It is located to the northwest of Southwater, with its eastern boundary largely defined by the edge of the existing settlement.
- 3.2 The Site principally comprises a large irregularly shaped area of farmland, the boundary of which follows a range of existing field boundaries, defined centrally by a manorial boundary of probable Saxon origin. The Site covers an area of approximately 116 hectares. The area of the Site extends as far as the A24 to the north, Two Mile Ash Road lies to the west and the Downs Link, and a series of field boundaries lie to the south.
- 3.3 There is a separate parcel of land included within the red line boundary, located northwest of the principal Site and to the east of Christ's Hospital Station. The site adjacent to Christ's Hospital Railway Station measures approximately 1.34ha in size and is located approximately 800m to the north-west of the main Site. Whilst this site is part of the planning application the delivery of this site is dependent on future demand for this facility and is to be addressed within a s106 agreement.

- 3.4 The main site consists mainly of a dairy farm, formed by irregularly shaped fields and barns associated with Great House Farm, with border hedgerows, trees, and areas of ancient woodland. There are some Public Rights of Way typically running east and west across the site.
- 3.5 The British Geological Survey indicates that for the majority of the site the underlying geology is Weald Clay Formation overlying Horsham Stone Member with layers of topsoil.
- 3.6 There are two areas of designated Ancient Woodland within the main site.
- Smith’s Copse, a 1.0ha area of ancient and semi-natural woodland located in the eastern part of the Site.
 - Courtland Wood, a 6.1ha area of ancient and semi-natural woodland located in the centre west of the Site. Two Mile Ash Gil (watercourse) is contiguous with the western edge of Courtland Wood and runs south of Courtland Wood.
- 3.7 In addition:
- At the Christ’s Hospital railway station there is an off-site Ancient Woodland on the northern boundary known as Sparrow Copse
- 3.8 These woodlands are retained with buffer zones that exceed the Natural England Standing Advice within the proposed development.
- 3.9 The following trees within the main site are considered to meet the Natural England Standing Advice and National Planning Policy Framework (2024) criteria of Veteran Trees.

| Tree No. | Species |
|---|---------|
| Main Site | |
| T55 | Oak |
| T57 | Oak |
| T59 | Oak |
| T65 | Oak |
| T72 | Oak |
| T79 | Oak |
| T80 | Oak |
| T84 | Oak |
| T94 | Oak |
| T95 | Oak |
| T96 | Oak |
| T99 | Oak |
| T116 | Oak |
| Christ Hospital Railway Station Site | |
| T9 | Ash |

Table 1

- 3.10 All the Veteran trees are retained within the areas of open space associated with the proposed development.

- 3.11 The tree resource has been subject to limited management. There has been some small scale woodland planting for example to the northern side of the concrete driveway leading to the agricultural buildings accessed from Two Mile Ash Road and a larger woodland the northern boundary to the southern side of the A24.
- 3.12 Generally the trees, woodlands and hedgerows on site are (with the exception of the ash trees) in reasonable condition with relatively long remaining life-expectancies. The proposed illustrative layout has been designed to retain as much of the existing field boundary vegetation as possible, with the majority of this vegetation to be retained within areas of open space.
- 3.13 It should be noted that many of the ash trees on-site and in the locality are showing symptoms of Ash Dieback Disease. Ash Dieback Disease is now affecting ash trees and woodlands across the UK, leading to the death of thousands of trees. Once a tree is infected the disease is usually fatal - a very limited number of trees are seemingly tolerant or resistant to infection. Mature ash trees infected by ash dieback may survive for several years but often succumb to a secondary attack by other pests or pathogens, including honey fungus, which can cause butt or root rot and lead to the tree falling. As the disease progresses it makes the main branches and stems very brittle and trees are prone to partial or complete failure.
- 3.14 As Ash Dieback Disease progresses and the health of ash trees declines the felling of trees using traditional chainsaw techniques becomes more dangerous due to the brittle failure of the timber and large machines need to be used to undertake the works safely. Regardless of any development of this site, it is considered that the majority of the the ash trees growing near the highway and areas of public access will require management or removal over the next few years.

3.15 Statutory Tree Protection

- 3.14 A check of Horsham District Council online interactive map in January 2026 showed that three Tree Preservation Orders (TPO) affect some trees within the site and two TPOs affect some trees immediately to the east of the site. See Appendix for details of these TPOs.
- TPO/0598 July 1988 protected twenty-eight individual trees and one area. None of the trees are within the site, although some are immediately adjacent to the site boundary. Note: some of the trees included in the TPO are no longer present
 - TPO/1059 August 2000 protected three individual Oak trees. These trees are within the site and are referenced as T70 and two trees within G82 in the tree survey.
 - TPO/1429 October 2010 and protected three individual Oaks trees. One of these is within the site (T122), one is off site and the other appears to have been removed to allow construction of Chessall Avenue.
 - TPO/1477 June 2015 protected an off-site group of trees that overhangs the site and is referenced as G152 within this tree survey.
 - TPO/1543 September 2020 comprises thirteen individual trees and two woodlands. Some of the trees are within the site and some are immediately adjacent to the site boundary. It should also be noted that the TPO schedules states that W2 excludes Ash trees.

- 3.15 An Area TPO protects all trees (unless exempt) growing within the area indicated on the TPO plan at the time of the TPO being served. The Woodland TPO protects trees that were growing within the area identified on the plan at the time the TPO was served but also any trees of whatever age, size or species which grow at any time after the TPO was served.
- 3.16 Where trees are protected by a TPO, it is necessary to make a formal application to the local planning authority for consent to undertake treeworks. If this is refused it is possible to appeal. There are some relevant exemptions from the normal procedures:
- Removing or making safe any trees that are dead, or which are 'imminently dangerous' does not need consent but in such cases the council must be given five days' notice. If works are proposed due to the trees 'imminently dangerous' state only the minimum works necessary to make the trees safe should be undertaken under this exemption. Please note the description of 'dying' is no longer a valid exemption.
 - Any treeworks which are directly necessary to implement a full planning permission are deemed to be exempt from the TPO and are covered by the planning consent for the development.
 - Removal of deadwood can be undertaken without TPO consent.
- 3.17 In addition to the Tree Preservation Orders, the Forestry Act and Felling Licence legislation is relevant to this site. Excluding specific exemptions there is a statutory restriction relates to tree felling and quantities of timber that can be felled within set time periods. In basic terms, even in the absence of any TPOs, it is an offence to fell trees that result in more than 5m³ of timber (over 8cm diameter) in any one calendar quarter without having first obtained a Felling Licence from the Forestry Commission.
- 3.18 The Felling Licence legislation is not relevant when the proposed tree removals are necessary to implement a Full Planning Consent. Outline planning consent prior to discharge of reserved matters is not considered to allow for tree removals under a Felling Licence Exemption.
- 3.19 Prior to any treeworks or vegetation clearance being undertaken the possible presence of nesting birds or protected species needs to be considered and if necessary specific ecological advice should be sought. Nesting birds and protected species (including bats and their roosts) are protected from disturbance under the Wildlife and Countryside Act 1981 (as amended), The Countryside and Rights of Way Act 2000 (as amended) and the Conservation of Habitat and Species Regulations 2017. The Project Ecologists are Hankinson Duckett Associates.

4.0 Relevant Planning Policy and Guidance

4.1 National policies and Guidance

4.2 **National Planning Policy Framework (December 2024)** from Department for Communities and Local Government. The updated version of the National Planning Policy Framework (NPPF), originally published in July 2021, and has built upon many of the principles which were set out in the preceding frameworks. It provides the overarching planning policy framework against which all local plans and neighbourhood plans should be prepared and against which all planning applications are determined.

4.3 National Planning Policy Framework (2024) includes guidance on design and the natural environment in relation to trees in paragraphs **136, 187, 193**.

National Planning Policy Framework (2024) Paragraph 136.

Trees make an important contribution to the character and quality of urban environments, and can also help mitigate and adapt to climate change. Planning policies and decisions should ensure that new streets are tree-lined, that opportunities are taken to incorporate trees elsewhere in developments (such as parks and community orchards), that appropriate measures are in place to secure the long-term maintenance of newly-planted trees, and that existing trees are retained wherever possible. Applicants and local planning authorities should work with highways officers and tree officers to ensure that the right trees are planted in the right places, and solutions are found that are compatible with highways standards and the needs of different users.

National Planning Policy Framework (2024) Paragraph 187.

Planning policies and decisions should contribute to and enhance the natural and local environment by:

- a) protecting and enhancing valued landscapes, sites of biodiversity or geological value and soils (in a manner commensurate with their statutory status or identified quality in the development plan);*
- b) recognising the intrinsic character and beauty of the countryside, and the wider benefits from natural capital and ecosystem services – including the economic and other benefits of the best and most versatile agricultural land, and of trees and woodland;*
- c) maintaining the character of the undeveloped coast, while improving public access to it where appropriate;*
- d) minimising impacts on and providing net gains for biodiversity, including by establishing coherent ecological networks that are more resilient to current and future pressures and incorporating features which support priority or threatened species such as swifts, bats and hedgehogs;*
- e) preventing new and existing development from contributing to, being put at unacceptable risk from, or being adversely affected by, unacceptable levels of soil, air, water or noise pollution or land instability. Development should, wherever possible, help to improve local environmental conditions such as air and water quality, taking into account relevant information such as river basin management plans; and*
- f) remediating and mitigating despoiled, degraded, derelict, contaminated and unstable land, where appropriate.*

National Planning Policy Framework (2024) Paragraph 193.

When determining planning applications, local planning authorities should apply the following principles:

- a) if significant harm to biodiversity resulting from a development cannot be avoided (through locating on an alternative site with less harmful impacts), adequately mitigated, or, as a last resort, compensated for, then planning permission should be refused;*
- b) development on land within or outside a Site of Special Scientific Interest, and which is likely to have an adverse effect on it (either individually or in combination with other developments), should not normally be permitted. The only exception is where the benefits of the development in the location proposed clearly outweigh both its likely impact on the features of the site that make it of special scientific interest, and any broader impacts on the national network of Sites of Special Scientific Interest;*

- c) *development resulting in the loss or deterioration of irreplaceable habitats (such as ancient woodland and ancient or veteran trees) should be refused, unless there are wholly exceptional reasons and a suitable compensation strategy exists; and*
- d) *development whose primary objective is to conserve or enhance biodiversity should be supported; while opportunities to improve biodiversity in and around developments should be integrated as part of their design, especially where this can secure measurable net gains for biodiversity or enhance public access to nature where this is appropriate.*

4.4 The Glossary Annex 2, of the Framework defines ancient or veteran trees and Ancient Woodland as:

Ancient or veteran tree: A tree which, because of its age, size and condition, is of exceptional biodiversity, cultural or heritage value. All ancient trees are veteran trees. Not all veteran trees are old enough to be ancient, but are old relative to other trees of the same species. Very few trees of any species reach the ancient life-stage.

Ancient woodland: An area that has been wooded continuously since at least 1600 AD. It includes ancient semi-natural woodland and plantations on ancient woodland sites (PAWS).

4.5 Standing Advice for Ancient Woodland and Veteran Trees (Natural England and the Forestry Commission, January 2022) guidance issued by Natural England for ancient and veteran trees uses the following definition.

Ancient and veteran trees

Ancient and veteran trees can be individual trees or groups of trees within wood pastures, historic parkland, hedgerows, orchards, parks or other areas. They are often found outside ancient woodlands. They are also irreplaceable habitats.

Ancient trees

An ancient tree is exceptionally valuable. Attributes can include its:

- *great age*
- *size*
- *condition*
- *biodiversity value as a result of significant wood decay and the habitat created from the ageing process*
- *cultural and heritage value*

Very few trees of any species become ancient.

Veteran trees

A veteran tree may not be very old, but it has significant decay features, such as branch death and hollowing. These features contribute to its exceptional biodiversity, cultural and heritage value.

All ancient trees are veteran trees, but not all veteran trees are ancient. The age at which a tree becomes ancient or veteran will vary by species because each species ages at a different rate.

Ancient woodland

Ancient woodland takes hundreds of years to establish and is defined as an irreplaceable habitat. It is a valuable natural asset important for:

- *wildlife (which include rare and threatened species) - there is also standing advice for protected species*
- *soils*
- *carbon capture and storage*
- *contributing to the seed bank and genetic diversity*
- *recreation, health and wellbeing*
- *cultural, historical and landscape value*

It's any area that's been wooded continuously since at least 1600 AD. It includes:

- *ancient semi-natural woodland mainly made up of trees and shrubs native to the site, usually arising from natural regeneration.*
- *plantations on ancient woodland sites - replanted with conifer or broadleaved trees that retain ancient woodland features, such as undisturbed soil, ground flora and fungi.*

They have equal protection in the National Planning Policy Framework (NPPF).

Other distinct forms of ancient woodland are:

- *wood pastures identified as ancient*
- *historic parkland, which is protected as a heritage asset in the NPPF*

Many of these do not appear on the ancient woodland inventory (AWI) because their low tree density does not register as woodland on historic maps.

You should consider wood pastures identified as ancient in the same way as other ancient woodland when making planning decisions.

'Wooded continuously' does not mean there's been continuous tree cover across the whole site. Not all trees in the woodland have to be old. Open ground, both temporary and permanent, is an important component of ancient woodlands.

- 4.6 The Standing Advice is a material consideration which should be taken into account when determining planning applications. A list of potential effects of development on ancient and veteran trees is outlined in the Standing Advice, including direct effects such as loss or damage, and indirect effects such as pollution, hydrological changes, soil compaction and disturbance.
- 4.7 The advice recommends that these effects are avoided however, where effects are unavoidable, a range of possible mitigation and compensation measures are identified. The standing advice gives guidance on the Buffer Zones and Root Protection Areas required to protect Ancient Woodland and Veteran and Ancient Trees (See Section 6 of this report).
- 4.8 Policy paper '*Keepers of time: ancient and native woodland and trees policy in England*' May 2022 published by DEFRA outlines the Governments Policy on retaining and protecting Ancient Woodland. It states that:

9. Safeguarding landscape context

Our strategic objective is to recognise, protect and enhance the value of ancient woodland and ancient and veteran trees in our landscape.

Ancient woodland and ancient and veteran trees have been a feature of our landscapes for centuries. They provide an important sense of place and local distinctiveness to landscape character which we must protect. Where activity such as intensive agriculture and development takes place near these habitats, we should consider adequate buffer zones to protect the resource from harm.

To safeguard the landscape the Government will:

- 9.1 Make sure the management and creation of ancient and native woodland conserves and enhances the local distinctiveness and landscape character.***
- 9.2 Avoid and minimise the effects of intensive land uses such as agriculture and development that are in close proximity to or adjoin ancient or native woodland.***

4.9 The UK legislation and best practice guidance that has been taken into account in making judgements in this assessment are listed below. Principal application of these documents relates to the conveyance of statutory protection, and to the relationship between trees and the construction process. This information has been used to inform development design and to inform the AIA process.

4.10 Relevant Legislation and Best Practice Documents

4.11 The Town and Country Planning Act 1990 this act provides legislative protection to trees in the form of Tree Preservation Orders (TPO) and Conservation Area (CA) designations. It is a criminal offence to wilfully destroy or damage a tree covered by a TPO without attaining prior consent or within a CA without giving sufficient notification. The Town and Country Planning (Tree Preservation) (England) Regulations 2012 Replaces all existing legislation on the subject of TPOs and include a number of important changes to TPO procedure.

4.12 Forestry Act 1967 (as amended) this gives the Forestry Commission powers to control the quantity of trees being felled at any one time with the provision of felling licenses. The Hedgerows Regulations 1997 Protection of hedgerows qualifying as 'Important' by controlling their removal through a system of notification.

4.13 Biodiversity Net Gain (BNG) is a mandatory planning and development approach in England that ensures new projects leave the natural environment in a measurably better state than before development began. The core requirement is for a minimum 10% increase in biodiversity value. Mandatory Requirement: BNG became mandatory for major developments in February 2024.

4.14 Best Practice Guidance

4.15 *British Standard 5837:2012* Trees in relation to design, demolition and construction – Recommendations, this is the main reference document taking account of current best practice regarding planning for the management, protection and planting of trees in relation to planning and development. BS5837 provides a framework for the categorisation of trees to identify the quality and value of an existing tree stock.

4.16 *British Standard 3998:2010* Tree work – Recommendations. This presents general recommendations for tree work, including advice for those responsible for planning, specifying and undertaking work on trees.

4.17 Natural England – Veteran trees management handbook, and Ancient Tree Forum -*Ancient and other veteran trees*: further guidance on management. These publications provides advice on all aspects of veteran tree management.

4.18 Local Planning Policies.

4.19 Horsham District Council's relevant policy is set out within the following documents:

- Horsham District Planning Framework (HDPF), 2015
- Emerging Local Plan - The Horsham District Local Plan 2023 - 2040 (Regulation 19)
- Southwater Neighbourhood Development Plan (June 2021)

4.20 The relevant tree related policies are listed below:

Horsham District Planning Framework (HDPF)

- Policy 25 Strategic Policy: The Natural Environment and Landscape Character
- Policy 31 Green Infrastructure and Biodiversity

Horsham District Local Plan 2023 - 2040 (Reg 19)

- Strategic Policy 13: The Natural Environment and Landscape Character
- Strategic Policy 17: Green Infrastructure and Biodiversity
- Strategic Policy HA3: Land North West of Southwater

Southwater Neighbourhood Development Plan:

- SNP2: Proposals for new residential development
- SNP16: Design
- SNP18: A Treed Landscape

4.21 Furthermore, the following guidance documents are relevant material considerations.

- Green Infrastructure Strategy Horsham District Planning Framework, April 2014

4.22 In relation to the trees woodland and hedgerows and associated green infrastructure the points below have informed the proposed development of this site.

- Development should be landscape-led.
- Veteran Trees and Ancient Woodland will be retained and protected
- Mature trees and groups of trees will be retained and protected.
- Proposals should maintain and enhance the green infrastructure network and existing biodiversity.
- Retain natural and semi-natural habitats where possible.
- Create native species-rich hedges through the development and retain existing wildlife corridors.
- To provide one new tree (standard at 8-10cm girth) per 40m² of development. As set out in DAS and Fabrik Landscape Submission.

5.0 Arboricultural Impact Assessment

- 5.1 The planning application is an outline application with with all matters reserved (except for primary access to the highway).
- 5.2 To help avoid confusion we have used the same tree numbers as the 2022 tree survey, the main change to the tree survey information is the increase in the number of Veteran trees that have been identified and additional trees surveyed around the access points. In terms of BS Categories with the exception of the Veteran Trees some of which were previously Category B rather than A, all the tree categories remain as per the original tree survey. This decision was taken because the original tree survey was considered to be of good quality and any changes in BS5837 Category would have downgraded trees for example due to declining health due to Ash Dieback Disease.
- 5.3 As part of this application four new primary vehicle accesses will connect the main site to the highway network, two on Worthing Road (to the north and east boundary of the site), one from Chessall Avenue to the south-eastern part of the site and an access to the west onto Two Mile Ash Road. An additional access is proposed from Worthing Road to the proposed Gypsy and Travellers site. We will assess the arboricultural impact these access points in paragraphs 6.19-6.24 of this report.
- 5.4 There are two ancient woodlands Courtland's Wood 5.8ha and Smiths Copse 1ha within the site. In the proposed indicative layout both the Ancient Woodlands are given a minimum of a 15m wide undeveloped buffer. The larger woodland Courtland's Wood has an undeveloped buffer which is closer to a minimum 25m in width and to the western part of the northern boundary and to the entire western side this buffer-zone is linked with extensive open space. Smiths Copse has a minimum of a 20m wide buffer zone. Further information on this buffer zone is included in the Landscape strategy.
- 5.5 The proposed development runs between these two woodlands with a green corridor is proposed along with to create a link providing ecological connectivity between these woodlands. The Proposed Landscape Parameter Plan shows undeveloped green landscaped corridors linking these woodlands with the wider landscape.
- 5.6 The proposed layout design has from the outset been informed by the tree survey information, including the presence of ancient woodland and veteran trees. The result of the early consideration of the tree related constraints and benefits is that the proposed development as shown on the layout and parameters plan can be constructed without detriment to the health, longevity or stability of the retained woodland and trees.
- 5.7 It is considered that the proposed layout design ensures there is sufficient separation between the development and the ancient woodland to avoid any direct impacts on the woodland. The risk of indirect impact on the woodland has been significantly reduced as part of the layout design and will continue through any reserved matters application.

- 5.8 This will include creating woodland edge habitat within the buffer zone, routing recreational paths around the woodland, lighting design to avoid artificial light within the woodland, avoiding level changes and excavation works including SUD features within the buffer-zone, avoiding rear garden fences running along the buffer zone boundary, and appropriate management of the woodland and nearby open spaces.
- 5.9 It should be noted that the chemical applications (fertilizers, herbicides, pesticides) and livestock associated with the existing agricultural uses are likely to have had an indirect but detrimental impact on the woodland and the cessation of these practices will serve to remove these impacts on the bio-diversity associated with these woodland areas.
- 5.10 The following trees are considered to meet the Natural England Standing Advice and National Planning Policy Framework (2024) criteria of Veteran Trees.

| Tree No. | Species |
|---|---------|
| Main Site | |
| T55 | Oak |
| T57 | Oak |
| T59 | Oak |
| T65 | Oak |
| T72 | Oak |
| T79 | Oak |
| T80 | Oak |
| T84 | Oak |
| T94 | Oak |
| T95 | Oak |
| T96 | Oak |
| T99 | Oak |
| T116 | Oak |
| Christ Hospital Railway Station Site | |
| T9 | Ash |

Table 2

- 5.11 The veteran trees are all retained within areas of open space, during the layout design process these trees have been given the increased Root Protection Areas as per the Natural England Standing Advice. This layout has been designed to ensure that these trees are retained within areas of connected open space within the existing field patterns.
- 5.12 Veteran trees are important for a number of reasons including landscape /amenity value, historic links to past landscapes and past management techniques, and biodiversity value. All species of trees can reach veteran status, however their longevity as veteran trees ranges greatly between species. This depends on a number of factors including the structural integrity of the wood, their ability to withstand disease and co-exist with decay fungi.

- 5.13 For example an English oak tree can remain alive as a veteran tree for several centuries. During this time its canopy size reduces and its trunk may become completely hollow, the tree can however continue to live for many decades perhaps centuries, whilst a horse chestnut may be classified as a veteran tree for a couple of decades, before it almost inevitably succumbs to decay and fails. Whilst all veteran trees are considered to be important irreplaceable habitats, the potential longevity of oak trees during their veteran life stage and their associated biodiversity value makes these trees particularly valuable.
- 5.14 With regard to the guidance contained in BS5837, and within the Natural England Standing Advice for Ancient Woodland and Veteran Trees (Natural England and the Forestry Commission, January 2022) this development has followed the recommended procedure with the tree resource being surveyed in 2021 and again in 2025 at the very outset of the layout design process.
- 5.15 The Root Protection Areas (RPAs) for the Veteran trees have been calculated following the Natural England Standing Advice for ancient woodland and veteran trees (Natural England and the Forestry Commission, January 2022) which gives these trees a notably larger RPA than that proposed under the BS5837 (2012) formula.
- 5.16 BS 5837 'Trees in relation to design, demolition and construction – Recommendations' 2012 refers to Veteran Trees in sections 4.5.11 and 5.2.4 (See Below).
- 4.5.11. The tree survey might identify the presence of Veteran trees on the site. The implications of their presence on the land use of the surrounding site should be assessed at the earliest possible stage of the design process. Where such trees are to be retained, particular care should be taken in the design to accommodate them in a setting that aids their long term retention.*
- 5.2.4 Particular care is needed regarding the retention of large, mature, over-mature or Veteran trees which become enclosed within the new development (See 4.5.11). Where such trees are retained, adequate space should be allowed for their long-term physical retention and future maintenance.*
- 5.17 One of the primary considerations during the layout design process has been to retain the Veteran trees and the retained mature trees, hedgerows and vegetation in areas of open space and not within the gardens of the proposed dwellings. The proposed design complies with the guidance contained in BS5837 (2012) and the Veteran Tree and Ancient Woodland Standing Advice and the layout ensures there is a good relationship between the retained trees and the proposed development.
- 5.18 With regard to the design of the proposed indicative layout, the veteran trees, ancient woodland and the retained mature trees, hedgerows and vegetation can be successfully protected from damage and disturbance during construction works.
- 5.19 This can be achieved by the following the guidance as outlined in the Natural England Standing Advice for Ancient Woodland and Veteran Trees and the installation of Tree Protection Fencing and other measures as recommended under BS5837 including Arboricultural Monitoring visits, all of which can be secured by use of a standard planning condition.

- 5.20 The veteran trees and open spaces around these trees will be managed by a management company following a bespoke Landscape Management Plan including a Veteran Tree Management Strategy which can be secured by use of a planning condition. The Veteran trees and surrounding open space will be managed primarily for the benefit of biodiversity, in order to safeguard the genetic resource, to provide continuity of habitat for wildlife, to perpetuate maturity and continuity within the landscape and to perpetuate aesthetic values.
- 5.21 Deadwood is observed in a number of the trees, some trees particularly oak and limes have the ability to retain deadwood for a number of years as it decays, and usually it eventually falls in small relatively light pieces, whilst other trees species have a tendency to drop relatively large pieces of deadwood. With regard to these species characteristics, we have only identified dead wooding as necessary where significant pieces of relatively large deadwood are observed overhanging the pedestrian /car parking areas or highway. Deadwood has a high biodiversity value and where relatively small amounts of deadwood is observed in areas of light traffic, we recommend that this is allowed to remain.
- 5.22 The areas of open ground around the veteran trees will be managed in a way that is beneficial to the trees. This will avoid laying turf or cultivation of formal lawn areas around veteran trees which can be detrimental to the health of these trees. The areas around veteran trees may be mulched to improve the growing conditions for these trees. The veteran trees may be fenced-off with estate style fencing to prevent or deter access around and under these trees
- 5.23 The proposed main access from Worthing Road (North) which runs to to the southern side of the Hop Oast Roundabout requires the removal of a small section of the south-eastern tip of the woodland W3.
- 5.24 The Wooded area W3 extends to over 5 hectares along the northern boundary of the site to the southern side of the A24 and the proposed removals for the access require the removal of less than 100m² of this woodland, this equates to less than 0.2% of this woodland being removed from the very eastern corner of the woodland. This will have no impact on the landscape or biodiversity value of this woodland.
- 5.25 The access from Worthing Road (North) for the Gypsy and Travellers Site utilises an upgrade existing concrete agricultural access, with poor quality vegetation dead elms and hawthorn to be removed to allow for this access.
- 5.26 The main access from Worthing Road (East) requires the removal of a section of the hedgerow H6 and to ease constraints associated with this access we are recommending the removal of the hawthorn T138, and declining ash tree T139 within the G6, to the northern side of the proposed access which are growing within the unmanaged hedgerow H6.
- 5.27 The works associated with the access from Worthing Road (East) are all located to the western side of the existing highway. The mature oak tree T137 on the eastern side of Worthing Road is unaffected by these proposed works.

- 5.28 The proposed access from Chessall Avenue requires a section of the recently planted hedgerow to be removed.
- 5.29 The proposed access to the west of the site onto Two Mile Ash Road is located in an area occupied by a concrete driveway which currently provides access to the agricultural buildings which are proposed to be demolished. A small semi-mature oak tree T118 along with some small self-set trees growing close either side of the existing driveway are to be removed to allow for this access. This access also requires the removal of a small section >20m² of scrubby vegetation including T129 and T130 growing within the northern end of G49, with the remaining vegetation along this highway is to be retained.
- 5.30 There is a 20m wide shelterbelt of semi-mature trees G50 running along the northern side of the existing agricultural access driveway which are to be retained.
- 5.31 There is a veteran tree T59 to the northern side of the existing access, this tree is on a raised bank beyond a hedgerow and within the group G50. With regard to the existing topography, its distance from the proposed access it is our opinion that subject to detailed designed this access and associated s278 works can be delivered without impacting on the health, stability or longevity of this tree T59.
- 5.32 In addition to the veteran trees and ancient woodland the proposed layout has been informed by the existing field boundary hedgerows and the mature trees which are growing within these boundaries. To achieve an appropriate layout it is necessary to construct roads and footpaths that provides links between the existing fields and these require the removal of sections of the internal hedgerows.
- 5.33 For the proposed Illustrative Masterplan Proving Layout there are two hedgerows H41 and H66 which require complete removal, for other hedgerows for the main access road we have indicated that up gaps up to 20m in width may be required, for secondary roads and for footpaths and driveways this width can be reduced to 10m.
- 5.34 The trees and hedgerows to be removed to allow the proposed development are shown on the Tree Removals Plan and on Schedule of trees and hedgerows to be removed for the proposed development See Appendix. It should be noted that this table shows the trees and hedgerows to be removed to allow for the proposed access points (Detailed Application) and for the Outline Application based on the Illustrative Masterplan Proving Layout prepared by KPK Studios.
- 5.35 The principal of removing trees and hedgerows to allow for an appropriate layout subject to appropriate new tree and hedgerow planting is supported in all the relevant planning policies and in BS5837 (2012). 'Trees in relation to design, demolition and construction – Recommendations' which states that:
5.1.1 The constraints imposed by trees, both above and below ground (see Note to 5.2.1) should inform the site layout design, although it is recognized that the competing needs of development mean that trees are only one factor requiring consideration. Certain trees are of such importance and sensitivity as to be major constraints on development or to justify its substantial modification.
- 5.36 In my opinion none of the trees or hedgerows to be removed are of considered to be of 'such importance or sensitivity to be major constraints on development or justify its substantial modification'.

- 5.37 The original Tree Survey for the main site (2022) identified 122 individual trees, 153 groups of trees, 71 hedgerows and 7 woodlands. This survey covered a slightly larger site than is now proposed but nevertheless the scale of tree, hedgerow and woodland removals required to allow for the proposed development compared to the amount of retained vegetation shows that this application has been informed by and respected the existing green infrastructure and landscape characteristics.
- 5.38 With the exception of the limited removals required for the site access points the trees to be removed for the proposed development are located internally within the site. At this stage of the planning process we have not identified tree removals which may be needed as part of good arboricultural management for example due to the condition of the trees in relation to Ash Dieback Disease.
- 5.39 These type of works will be dealt with as part of the reserved matters application based on the condition of the trees at the time of the RM application, and informed by the location of the trees in relation to the proposed development, existing neighbours and their proximity to highways. .
- 5.40 Due to the scale of the proposed development this application provides a unique opportunity to secure provision of extensive areas of public open space, along with significant new tree and hedgerow planting and associated habitat creation along with the beneficial management of the woodland, hedgerows and individual and groups of trees. The open space provision within this development extends to approximately 59 hectares. The landscape information prepared by Fabrik shows over 1500 trees of 8-10cm and above and extensive hedgerow and scrub planting.
- 5.41 The proposed new tree planting will give the opportunity to significant increase the tree species and age class diversity within this site. This planting also gives the opportunity to help improve climate change and disease resilient enhance the quality, landscape and amenity value of the tree resource across the site, whilst protecting valuable ecological habitats, increasing the biodiversity value of the wider area.
- 5.42 The management of the trees within the wider site including the woodland, veteran and mature trees, hedgerows will be addressed in a detailed Ecological and Landscape Management Plan. This will include a Veteran tree management strategy.
- 5.43 The tree management aims will be to provide a safe environment for residents, visitors and adjacent land users whilst preserving and enhancing the amenity, landscape, biodiversity, conservation, historical and environmental value of the tree resource.
- 5.44 With regard to the design of the proposed layout providing the retained trees are subject to appropriate protection during all site works it is my opinion that the proposed development can be constructed without detriment to the health, or longevity of the retained trees, hedgerows and woodland.

- 5.45 As recommended in BS5837 (2012) it is proposed that subject to planning consent being granted, a detailed Arboricultural Method Statement will be prepared prior to site works commencing. The provision of Arboricultural Method Statement can be secured by use of standard planning condition.
- 5.46 The significance of the arboricultural effects of the proposed development and the proposed protection / mitigation and enhancement measures are summarised on Table 3.

Table showing the Arboricultural Effects of the Proposed Development

| Potential Effect | Nature of Effect | Significance | Protection / Mitigation / Enhancement | Geographical Impact | Residual Effects |
|---|------------------|---------------------|--|---------------------|---------------------|
| Demolition and Construction Phase | | | | | |
| Removal of trees, hedgerows | Permanent | Minor Adverse | <ul style="list-style-type: none"> Proposed new tree, woodland and hedgerow planting | Local | Negligible |
| Risk of Damage to Retained trees and woodland | Permanent | Moderate Adverse | <ul style="list-style-type: none"> Layout Design to be informed by Root Protection Areas and Buffer zones. Preparation of Arboricultural Method Statement including Tree Protection Plan. Ongoing Arboricultural Site Supervision. Implementation of Tree Protection Measures. Arboricultural Review of Construction Environmental Management Plan. | Local | Negligible |
| Residential Phase (Cumulative and Interactive) | | | | | |
| Management of Open spaces, trees and woodland | Long-term | Moderate Beneficial | <ul style="list-style-type: none"> Implementation of Landscape / Ecological Management Plan. Implementation of Woodland Management Plan. Implementation of Veteran Tree Management Strategy. Ongoing Surveys of Tree Condition and management where appropriate. | Local | Moderate Beneficial |
| Risk of inadvertent damage from residents and visitors to retained trees and woodland | Long-term | Minor Adverse | <ul style="list-style-type: none"> Implementation of Landscape / Ecological Management Plan. Implementation of Veteran Tree Management Strategy. Implementation of Woodland Management Plan. Ongoing Surveys of Tree Condition and management where appropriate. | Local | Negligible |
| Risk of pressure from Residents for management of retained and planted trees and woodland | Long-term | Minor Adverse | <ul style="list-style-type: none"> Management Company appointed to maintain trees as per management plans. Tree Preservation Order tree works application for consent process. | Local | Negligible |
| Ongoing removal of trees | Permanent | Minor Adverse | <ul style="list-style-type: none"> Tree Preservation Order tree works application for consent process. Proposed new replacement tree planting. | Local | Negligible |

Table 3

6.0 Conclusion

- 6.1 The proposed residential development has been informed by the tree survey information and the layout has been designed to retain the ancient woodland and veteran trees, along with the majority of the existing field boundary trees, hedgerows and vegetation. The proposed layout design complies with the guidance contained in BS5837 (2012) and the Veteran Tree and Ancient Woodland Standing Advice and the layout ensures there is a good relationship between the retained trees and the proposed development.
- 6.2 The limited scale of tree, hedgerow and woodland removals required to allow for the proposed development compared to the amount of retained vegetation confirms that this application has been informed by and respects the existing green infrastructure and landscape characteristics.
- 6.3 The layout has been designed to ensure that the retained trees, woodland and hedgerows are given appropriate space within the development, with appropriated buffer zones and Root Protection Areas respected across the site. This ensures that the retained trees will continue to contribute to the area for many decades without undue pressure from residents for tree removals or management. The proposed layout includes provision for appropriate tree root protection areas and buffer zones.
- 6.4 The protection of retained trees, woodland and hedgerows during the proposed development works can be achieved by continuing to follow the guidelines within BS5837 (2012), the NE Standing Advice and the provision of a detailed Arboricultural Method Statement and by use of standard planning conditions.
- 6.5 The proposed landscaping scheme prepared by Fabrik will serve to significantly improve the age, species diversity and bio-diversity value and long-term future of the tree resource whilst providing an attractive environment for future residents. The impact of the tree and vegetation removals associated with the proposed residential development will be mitigated by the proposed tree and hedgerow planting.

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Ruskins Tree Consultancy T/a RG Consultancy Limited
24th February 2026

Appendix

Tree Survey

Schedule of Tree Works

Tree Preservation Orders

Tree Survey Plans (Submitted Separately)

Tree and Hedgerow Removals Plan (Submitted Separately)

Tree Survey and Tree Survey Plans

Arboricultural Impact Assessment for Land North-West of Southwater,

Prepared for Berkeley Strategic Land Limited



A trading name of RG Consultancy Limited

**Prepared by
Peter Wilkins BA (Hons) MArborA. MEnvSc. CEnv.
Our Ref: 0126-100951
February 2026**

1.0 Introduction

- 1.1 We have been provided with a copy of the Tree Survey Report and Arboricultural Impact Assessment prepared by Hankinson Duckett Associates (HDA Ref: 2090.88 Issue: 01 September 2022). This was prepared to inform the previous planning application for this site.
- 1.2 We have visited the site and undertaken a walkover survey to check and update the tree survey to reflect the current condition of the trees. To help avoid confusion we have used the same tree numbers as the 2022 tree survey, the main change to the tree survey information is the increase in the number of Veteran trees that have been identified.
- 1.3 The tree condition survey was circulated to the design team very early in the layout design process and has informed the proposed development of this site. We have subsequently been provided with a copy of the proposed layout plans and have been instructed to assess the impact of development proposals on the arboricultural resource and to produce the following:
- Arboricultural Impact Assessment.
 - Tree Retention and Tree Removal Loss Plan.
- 1.4 The objective of the survey is to collect tree data relevant to the proposed redevelopment of the site and to categorise individual trees or tree groups in accordance with BS 5837 (2012) 'Trees in relation to design, demolition and construction – Recommendations' based on their condition, quality and future potential.
- 1.5 The purpose of the categories within BS5837 2012, is not to determine whether retention of trees is desirable, *'The purpose of the tree categorization method, which should be applied by an arboriculturist, is to identify the quality and value (in a non-fiscal sense) of the existing tree stock, allowing informed decisions to be made concerning which trees should be removed or retained in the event of development occurring.'* (BS5837 2012 Section 4.5.2). This survey should therefore be regarded as an initial appraisal and observations, assessments or recommendations relating to tree protection zones, remedial tree works, protective fencing, foundation design, material specification are beyond the scope of this report.
- 1.6 The location of the trees and tree groups are shown on the attached drawing. A detailed inspection with respect to decay, defects and hazard is not included.
- 1.7 This survey has been updated to include information on the vegetation removals necessary to deliver the detailed and outline elements of this Outline Planning Application.

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------------------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|--|--------|
| T1 | Oak | 14 | 2 | 680 | 8 | 7 | 10 | 8 | Good | Fair | M | 40+ | Poorly lifted over path, stubs | No Work | B2 |
| T2 | Ash | 18 | 2 | 390 390 380 | 10 | 6 | 10 | 6 | Fair | Fair | M | 20+ | Multi-stemmed at 0.5m, partially suppressed, Ash dieback present | No Work | B2 |
| T3 | Ash | 17 | 0.5 | 740 | 10 | 7 | 10 | 8 | Fair | Fair | M | 20+ | Established basal sucker, dead wood, partially suppressed, Ash dieback present | No Work | B2 |
| T4 | Ash | 15 | 2 | 370 210 190 | 7 | 6 | 7 | 8 | Fair | Fair | M | 10+ | Old coppice, trunk scars, partially suppressed, Ash dieback present | No Work | C2 |
| T5 | Ash | 17 | 3 | 850 | 10 | 7 | 10 | 7 | Fair | Fair | M | 20+ | Multiple cavities at pruning points, historic damage, partially suppressed, Ash dieback present | No Work | B3 |
| T6 | Oak | 13 | 1 | 960 | 6 | 4 | 6 | 5 | Good | Fair | M | 40+ | Dead wood | No Work | B2 |
| T7 | Turkey Oak | 14 | 3 | 720 | 12 | 10 | 12 | 9 | Fair | Fair | M | 40+ | Ivy clad | No Work | B2 |
| T8 | Ash | 14 | 2 | 900 | 7 | 8 | 7 | 3 | A/P | A/P | M | 20+ | Established basal sucker, old pollard at 1.5m, dead wood, partially suppressed, Ash Dieback Disease present | No Work | B2 |
| T9 | Ash | 18 | 2.5 | 360 350 290 220 200 | 10 | 7 | 6 | 8 | A/P | A/P | M | 10+ | Old coppice, trunk scars, sparse canopy, Ash dieback present | Remove to allow for proposed development, (Outline Application). | C2 |
| T10 | Ash | 18 | 2 | 750 | 6 | 4 | 6 | 8 | A/P | A/P | M | 20+ | Ivy clad, heavily reduced in the past, Ash dieback present | No Work | C2 |
| T11 | Oak | 14 | 2 | 600 | 5 | 4 | 8 | 6 | Good | Fair | M | 20+ | Ditch north side, clad in dead ivy, multiple Inonotus fungal fruiting bodies, reduced house side | Monitor | B3 |

Arboricultural Impact Assessment for Land North-West of Southwater Farm, Southwater

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|--|--------|
| T12 | Oak | 13 | 2 | 450 | 4 | 6 | 3 | 5 | Good | Fair | M | 40+ | Ivy clad, partially suppressed | No Work | B2 |
| T13 | Ash | 15 | 1 | 800 | 6 | 10 | 11 | 10 | A/P | A/P | M | 20+ | Multiple fungal fruiting bodies at base, ivy clad, multiple cavities, historic damage, partially suppressed, Ash dieback present, significant dead wood over road | Remove significant dead wood over road | C3 |
| T14 | Oak | 19 | 1.5 | 900 | 9 | 9 | 9 | 9 | Good | Fair | M | 40+ | Ivy clad, dead wood, branch cavities | No Work | B2 |
| T15 | Oak | 12 | 1.5 | 850 | 4 | 4 | 5 | 5 | Fair | Fair | M | 20+ | Ivy clad, significant dead wood, yellowing foliage | No Work | B3 |
| T16 | Oak | 13 | 1.5 | 1050 | 11 | 11 | 13 | 12 | Good | Fair | M | 40+ | Ivy clad | No Work | B2 |
| T17 | Oak | 15 | 1.5 | 890 | 9 | 7 | 6 | 9 | Good | Fair | M | 40+ | Ivy, significant dead wood | No Work | B2 |
| T18 | Oak | 17 | 1.5 | 1100 | 10 | 14 | 15 | 10 | Good | Fair | M | 40+ | Ivy clad, significant dead wood, historic damage, partially suppressed | No Work | B3 |
| T19 | Oak | 14 | 2 | 580 | 8 | 7 | 8 | 7 | Good | Fair | M | 40+ | Ivy clad, dead wood | No Work | B2 |
| T20 | Oak | 16 | 1.5 | 970 | 10 | 9 | 10 | 10 | Good | Fair | M | 40+ | Old pollard at 2m, ivy clad, dead wood | No Work | B2 |
| T21 | Oak | 16 | 2 | 950 | 9 | 9 | 10 | 8 | Good | Fair | M | 40+ | Old pollard at 2m, ivy clad, dead wood | No Work | B2 |
| T22 | Oak | 11 | 2 | 770 | 9 | 9 | 9 | 7 | Good | Fair | M | 40+ | Dead wood | No Work | B2 |
| T23 | Oak | 11 | 1.5 | 960 | 8 | 8 | 7 | 8 | Good | Fair | M | 40+ | Ivy clad, multiple bracket fungi on trunk, dead wood | No Work | B3 |
| T24 | Oak | 16 | 1.5 | 1240 | 11 | 10 | 14 | 8 | Good | Fair | M | 40+ | Dead wood, snags | No Work | A2 |
| T25 | Oak | 14 | 3 | 880 | 12 | 10 | 10 | 8 | Good | Fair | M | 40+ | Ivy clad, dead wood | No Work | B2 |
| T26 | Oak | 13 | 1.5 | 840 | 10 | 7 | 12 | 8 | Fair | Fair | M | 40+ | Ivy, dead wood, peeling bark | No Work | B3 |
| T27 | Oak | 10 | 2 | 830 | 11 | 9 | 9 | 8 | Good | Fair | M | 40+ | Dead wood | No Work | B2 |

Arboricultural Impact Assessment for Land North-West of Southwater Farm, Southwater

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|-----------------|--------|
| T28 | Oak | 12 | 1.5 | 1020 | 12 | 11 | 10 | 10 | Good | Fair | M | 40+ | Old pollard at 2m, ivy clad, significant dead wood, poorly lifted/stubs | No Work | B3 |
| T29 | Oak | 13 | 2 | 720 | 8 | 10 | 9 | 9 | Fair | Fair | M | 20+ | Trunk swelling/wound, distorted trunk, significant dead wood, sparse canopy | No Work | C2 |
| T30 | Oak | 16 | 1 | 1180 | 9 | 11 | 10 | 9 | Good | Fair | M | 40+ | Old pollard at 1.5m, ivy clad, twin stem, dead wood | No Work | B2 |
| T31 | Oak | 15 | 2 | 800 | 8 | 7 | 9 | 7 | Good | Fair | M | 40+ | Dead wood | No Work | B2 |
| T32 | Field maple | 10 | 2 | 430 | 8 | 4 | 6 | 5 | Fair | Fair | M | 20+ | Epicormic growth, trunk wounds/scars, dead wood, partially suppressed | No Work | B3 |
| T33 | Ash | 16 | 2 | 560 | 8 | 6 | 9 | 9 | A/P | A/P | M | 20+ | Ivy clad, partially suppressed, dieback present | No Work | B2 |
| T34 | Oak | 15 | 2 | 800 | 9 | 9 | 10 | 6 | Good | Fair | M | 40+ | Ivy clad, significant dead wood | No Work | C3 |
| T35 | Oak | 14 | 1.5 | 800 | 4 | 5 | 5 | 2 | Good | Fair | M | 40+ | Clad in dead ivy | No Work | B2 |
| T36 | Oak | 16 | 1.5 | 860 | 12 | 10 | 10 | 8 | Good | Fair | M | 40+ | Lower canopy cut back from cable, dead wood | No Work | B2 |
| T37 | Oak | 16 | 1.5 | 850 | 4 | 6 | 5 | 2 | Good | Fair | M | 40+ | Large trunk wound with exposed heartwood, significant dead wood, previously reduced | No Work | B2 |
| T38 | Oak | 16 | 1 | 1040 | 7 | 12 | 10 | 5 | Good | Fair | M | 40+ | Ivy clad, dead wood | No Work | B2 |
| T39 | Oak | 10 | 2 | 650 | 8 | 8 | 7 | 7 | Good | Fair | M | 40+ | Dead wood | No Work | B2 |
| T40 | Oak | 12 | 2 | 700 | 5 | 7 | 6 | 6 | Good | Fair | M | 40+ | Dead wood | No Work | B2 |
| T41 | Ash | 12 | 1.5 | 480 | 6 | 6 | 6 | 7 | A/P | A/P | M | 20+ | Off site, dieback present | No Work | B2 |

Arboricultural Impact Assessment for Land North-West of Southwater Farm, Southwater

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|-----------------|--------|
| T42 | Ash | 16 | 1.5 | 680 | 6 | 10 | 5 | 5 | Fair | Poor | M | 10+ | Inonotus hispidus fungal fruiting body on ground, branch cavities, multiple woodpecker holes, significant dead wood, dead leader, partially suppressed, dieback present | No Work | C3 |
| T43 | Oak | 17 | 1.5 | 880 | 10 | 11 | 9 | 11 | Good | Fair | M | 40+ | Ivy clad, split branch | No Work | B2 |
| T44 | Oak | 8 | 1.5 | 400 | 4 | 3 | 4 | 4 | Good | Fair | M | 40+ | Suppressed, dead wood | No Work | B2 |
| T45 | Oak | 10 | 4 | 600 | 3 | 3 | 3 | 4 | Fair | Fair | M | 20+ | Significant dead wood, stubs | No Work | B3 |
| T46 | Oak | 18 | 3 | 900 | 4 | 5 | 12 | 12 | Good | Fair | M | 40+ | Ivy clad, trunk wound/cavity, significant dead wood | No Work | B3 |
| T47 | Oak | 12 | 1.5 | 860 | 10 | 9 | 9 | 8 | Good | Fair | M | 40+ | Buttress root cavity | No Work | B2 |
| T48 | Oak | 10 | 1.5 | 920 | 8 | 7 | 8 | 6 | Good | Fair | M | 40+ | Plotted manually, significant dead wood | No Work | B2 |
| T49 | Ash | 7 | 1.5 | 270 130 | 4 | 4 | 4 | 4 | Good | Fair | EM | 20+ | Twin stem, dieback present | No Work | B2 |
| T50 | Ash | 13 | 1.5 | 620 | 6 | 2 | 6 | 8 | Good | Fair | M | 20+ | Basal cavity, established basal sucker, dead wood, dieback present | No Work | B3 |
| T51 | Oak | 18 | 2 | 900 | 6 | 10 | 9 | 8 | Good | Fair | M | 40+ | Off site, upper stem wounds | No Work | B3 |
| T52 | Oak | 14 | 2 | 830 | 7 | 6 | 9 | 7 | Good | Fair | M | 40+ | Growing over metal fence & barb wire, dead wood | No Work | B2 |
| T53 | Oak | 21 | 1 | 1130 | 10 | 9 | 9 | 12 | Good | Fair | M | 40+ | Ground compaction, dead wood, snags | No Work | A2 |
| T54 | Oak | 17 | 1.5 | 1260 | 12 | 12 | 13 | 13 | Good | Fair | M | 40+ | Buttress root cavity, dead wood | No Work | B3 |
| T55 | Oak | 13 | 1.5 | 1020 | 10 | 9 | 10 | 8 | Fair | Fair | M | 20+ | Veteran Tree. Basal cavities, fungal fruiting bodies between buttress roots, trunk decay, significant dead wood. | No Work | A3 |

Arboricultural Impact Assessment for Land North-West of Southwater Farm, Southwater

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|-----------------|--------|
| T56 | Oak | 18 | 1.5 | 1130 | 11 | 9 | 13 | 10 | Fair | Fair | M | 40+ | Basal cavities, significant dead wood | No Work | B3 |
| T57 | Oak | 12 | 1.5 | 730 | 7 | 3 | 5 | 2 | Good | Poor | M | 20+ | Veteran, large trunk wound/hollow/lost leader - lightning strike, brown rot | No Work | A3 |
| T58 | Oak | 12 | 1.5 | 670 | 4 | 5 | 7 | 4 | Good | Fair | M | 40+ | Branch cavity, significant dead wood | No Work | B2 |
| T59 | Oak | 16 | 2 | 1270 | 17 | 14 | 14 | 10 | Good | Fair | M | 40+ | Veteran Tree Old pollard at 3m, ivy clad, dead wood | No Work | A3 |
| T60 | Oak | 17 | 1.5 | 900 | 8 | 8 | 8 | 10 | Good | Fair | M | 40+ | Ivy clad, dead wood | No Work | B2 |
| T61 | Oak | 19 | 0 | 1150 | 12 | 11 | 11 | 12 | Good | Fair | M | 40+ | Significant dead wood | No Work | A2 |
| T62 | Purple Sycamore | 9 | 1 | 400 | 6 | 5 | 6 | 5 | Good | Fair | EM | 40+ | Dead wood, partially suppressed, lifted | No Work | B2 |
| T63 | Dead Ash | 13 | | 850 | | | | | Dead | Dead | M | 0 | Dead, multiple fungal fruiting bodies, nest? | No Work | U |
| T64 | Ash | 8 | 1 | 180 100 70 | 4 | 2 | 3 | 3 | Fair | Fair | EM | 20+ | Multi-stemmed | | B2 |
| T65 | Oak | 16 | 2 | 1320 | 8 | 10 | 12 | 10 | Good | Fair | M | 40+ | Veteran tree, fungal fruiting bodies at base, ivy clad, epicormic growth, old pollard at 2m, historic damage, dead wood | No Work | A3 |
| T66 | Oak | 15 | 1 | 1200 | 9 | 9 | 10 | 7 | Good | Fair | M | 40+ | Restricted access, old pollard at 5m, significant dead wood | No Work | B3 |
| T67 | Ash | 11 | 2 | 210 | 3 | 3 | 2 | 2 | Fair | Fair | EM | 10+ | Ivy clad, dieback present | No Work | C2 |
| T68 | Field maple | 12 | 2 | 400 390 | 6 | 6 | 6 | 5 | Good | Fair | M | 40+ | Twin stem, ivy clad | No Work | B2 |
| T69 | Oak | 14 | 1.5 | 800 | 9 | 7 | 6 | 9 | Good | Fair | M | 40+ | Ivy clad, dead wood | No Work | B2 |
| T70 | Oak | 16 | 1.5 | 1150 | 13 | 12 | 10 | 10 | Good | Fair | M | 40+ | Multiple fungal fruiting bodies, dead wood, branch cavity | No Work | B3 |

Arboricultural Impact Assessment for Land North-West of Southwater Farm, Southwater

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|--------------------------|----------|----------|----------|----------|--------|--------|-----|-----------|--|-----------------|--------|
| T71 | Oak | 16 | 1.5 | 1050 | 12 | 10 | 12 | 5 | Good | Fair | M | 40+ | Ivy clad, significant dead wood, branch cavity | No Work | B2 |
| T72 | Oak | 22 | 1.5 | 1800 | 14 | 14 | 14 | 11 | Good | Fair | M | 40+ | Veteran tree, large old pruning wound with exposed heartwood, significant dead wood, historic damage, restricted access | No Work | A3 |
| T73 | Ash | 8 | 1.5 | 300 | 3 | 3 | 4 | 5 | Fair | Fair | EM | <10 | Ivy clad, dead wood | No Work | U |
| T74 | Ash | 17 | 1.5 | 530 | 9 | 9 | 7 | 9 | Fair | Fair | M | 20+ | Trunk wounds, old pollard at 2m, dieback present | No Work | B2 |
| T75 | Oak | 16 | 2 | 530 500 480 360 | 10 | 11 | 9 | 10 | Good | Fair | M | 40+ | Old coppice, dead wood | No Work | B2 |
| T76 | Oak | 18 | 2 | 600 | 10 | 10 | 9 | 10 | Good | Fair | M | 40+ | Dead wood | No Work | B2 |
| T77 | Oak | 17 | 3 | 810 | 9 | 9 | 9 | 4 | Fair | Fair | M | 20+ | Significant dead wood, partially suppressed | No Work | B3 |
| T78 | Oak | 10 | 1.5 | 640 | 3 | 6 | 5 | 5 | Good | Fair | M | 40+ | Buttress root cavity, pruning wound cavity, significant dead wood | No Work | B2 |
| T79 | Oak | 19 | 1.5 | 1190 | 14 | 14 | 13 | 12 | Good | Fair | M | 40+ | Veteran Tree Branch cavities, dead wood | No Work | A3 |
| T80 | Oak | 16 | 2 | 1180 | 12 | 11 | 8 | 11 | Good | Fair | M | 40+ | Veteran Tree, desiccated fungal fruiting bodies at base, buttress root damage, old pollard, dead wood, branch cavity | No Work | A3 |
| T81 | Field maple | 9 | 2 | 250 | 5 | 5 | 6 | 6 | Fair | Fair | M | 20+ | Trunk wound, ivy, dead wood | No Work | B2 |
| T82 | Ash | 11 | 2 | 220 190 | 7 | 7 | 5 | 4 | Fair | Poor | M | 10+ | Ivy clad, basal cavity, twin stem, trunk wound with exposed heartwood, hollow, Inonotus hispidus fungal fruiting bodies, dieback present | No Work | C3 |
| T83 | Holly | 9 | 0 | 300 | 5 | 6 | 4 | 4 | Fair | Fair | M | 10+ | In hedge, basal suckers | No Work | C2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|-----------------------|---------|---------------|-------------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|-----------------|--------|
| T84 | Oak | 15 | 2 | 940 | 6 | 9 | 9 | 7 | Good | Fair | M | 40+ | Veteran Tree, Buttress root damage, historic damage, stag headed | No Work | A3 |
| T85 | Oak | 16 | 2 | 600 | 8 | 8 | 7 | 7 | Good | Fair | M | 40+ | Dead wood, lifted | No Work | B2 |
| T86 | Oak | 18 | 1.5 | 780 | 10 | 11 | 8 | 8 | Good | Fair | M | 40+ | Ivy clad, dead wood | No Work | B2 |
| T87 | Oak | 16 | 1.5 | 430 290 | 6 | 9 | 8 | 6 | Good | Fair | M | 40+ | Twin stem, dead wood | No Work | B2 |
| T88 | Oak | 16 | 1 | 500 | 9 | 9 | 8 | 7 | Good | Fair | M | 40+ | Possible old pollard at 2m, dead wood | No Work | B2 |
| T89 | Ash | 13 | 2 | 120 x 7 | 4 | 4 | 5 | 5 | Fair | Fair | M | 10+ | Old coppice, dead wood, dieback present | No Work | C2 |
| T90 | Ash | 20 | 4 | 900 | 11 | 7 | 11 | 12 | Fair | Fair | M | 20+ | Upper trunk cavity, dead wood | No Work | B2 |
| T91 | Oak | 14 | 1 | 530 | 2 | 5 | 2 | 2 | Fair | Fair | M | 20+ | Old trunk wound with exposed heartwood and staining, dead top | No Work | C3 |
| T92 | Ash | 15 | 1.5 | 820 | 8 | 8 | 11 | 9 | Good | Fair | M | 20+ | Cavity, dead wood, dieback present | No Work | B3 |
| T93 | Oak | 10 | 2.5 | 550 | 5 | 5 | 5 | 5 | Good | Fair | M | 40+ | Suppressed, dead wood | No Work | B2 |
| T94 | Oak | 23 | 1.8 | 1250 | 14 | 9 | 8 | 9 | Good | Fair | M | 40+ | Veteran tree, large trunk wound with exposed heartwood, significant historic storm damage, cavities | No Work | A3 |
| T95 | Oak | 20 | 1 | 1030 | 8 | 9 | 9 | 4 | Good | Fair | M | 40+ | Veteran tree, basal cavity, trunk cavities, dead wood | No Work | A3 |
| T96 | Oak | 14 | 1.5 | 1100 | 8 | 10 | 8 | 11 | Good | Fair | M | 40+ | Veteran tree, off site, old pollard at 3m, dead wood | No Work | A3 |
| T97 | Young's weeping birch | 5 | 1.5 | 200 | 4 | 4 | 4 | 4 | Good | Fair | M | 20+ | Ivy | No Work | C1 |
| T98 | Willow | 11 | 2 | 590 320 300 | 8 | 9 | 8 | 8 | Good | Fair | M | 40+ | Ivy clad, multi-stemmed, trunk wounds | No Work | B2 |

Arboricultural Impact Assessment for Land North-West of Southwater Farm, Southwater

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|-------------------|----------|----------|----------|----------|--------|--------|-----|-----------|--|--|--------|
| T99 | Oak | 22 | 1 | 1360 | 13 | 14 | 13 | 13 | Good | Fair | M | 40+ | Veteran Tree, Ivy, old pollard at 2m, stem wound with exposed heartwood, significant dead wood | No Work | A3 |
| T100 | Oak | 22 | 1 | 1200 | 9 | 10 | 10 | 8 | Good | Fair | M | 40+ | Ivy clad, dead wood | No Work | A2 |
| T101 | Ash | 15 | 2 | 450 430 | 5 | 6 | 9 | 5 | Fair | Poor | M | 10+ | Twin stem, cavities in both, ivy clad, dieback present | Remove to allow for proposed development, (Outline Application). | C3 |
| T102 | Oak | 22 | 3 | 850 | 6 | 8 | 6 | 8 | Fair | Fair | M | 20+ | Ivy clad, significant dead wood | No Work | B3 |
| T103 | Oak | 20 | 2 | 850 | 11 | 9 | 9 | 9 | Good | Fair | M | 40+ | Ivy clad, branch cavity | No Work | B2 |
| T104 | Oak | 23 | 2 | 1300 | 11 | 15 | 14 | 14 | Good | Fair | M | 40+ | Ivy clad, dead wood, branch cavity | No Work | B2 |
| T105 | Oak | 24 | 2 | 1210 | 8 | 10 | 11 | 10 | Good | Fair | M | 40+ | Ivy, dead wood, woodpecker hole | No Work | A3 |
| T106 | Willow | 13 | 2 | 400 390 200 | 7 | 7 | 3 | 7 | Good | Fair | M | 40+ | Multi-stemmed, old pollard at 1.5m | No Work | C2 |
| T107 | Oak | 18 | 1.8 | 800 | 6 | 8 | 7 | 10 | Good | Fair | M | 40+ | Ivy clad, branch cavity | No Work | B2 |
| T108 | Oak | 13 | 2 | 1000 | 7 | 8 | 6 | 6 | Poor | Poor | M | <10 | Ivy clad, cavity, dying | No Work | U |
| T109 | Oak | 14 | 2 | 650 | 6 | 7 | 8 | 7 | Good | Fair | M | 40+ | Dead wood | No Work | B2 |
| T110 | Hazel | 8 | 0 | 400 | 3 | 3 | 3 | 3 | Good | Fair | EM | 40+ | Dead wood | No Work | B2 |
| T111 | Oak | 10 | 2 | 650 | 8 | 8 | 8 | 8 | Good | Fair | M | 40+ | | No Work | B3 |
| T112 | Hawthorn | 2.5 | 0 | 200 | | | | | Fair | Fair | EM | 20+ | Dead wood | No Work | C2 |
| T113 | Ash | 12 | | 600 | | | | | Dead | Dead | M | 0 | Dead, fungal fruiting bodies | No Work | U |

Arboricultural Impact Assessment for Land North-West of Southwater Farm, Southwater

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---|----------|----------|----------|----------|--------|--------|-----|-----------|---|---|--------|
| T114 | Ash | 6 | 2 | 200 | | | | | Poor | Fair | EM | <10 | Dieback present | No Work | U |
| T115 | Ash | 9 | | 180 170 | | | | | Fair | Fair | EM | 10+ | Plotted manually, twin stem, dieback present | No Work | U |
| T116 | Oak | 24 | | 1600 | 12 | 10 | 12 | 12 | Good | Fair | M | 40+ | Veteran tree, twin stem, trunk cavity, historic damage, dead wood | No Work | A3 |
| T117 | Oak | 1 | | 1160 | | | | | Good | Fair | M | 40+ | Off site, dead wood | No Work | A2 |
| T118 | Oak | 5 | | 200 | 3 | 2 | 2 | 2 | Good | Fair | SM | 40+ | Partially suppressed | Remove to allow for proposed development, (Detailed Application). | B2 |
| T119 | Leyland cypress | 14 | | 600 | 5 | 5 | 5 | 5 | Good | Fair | M | 40+ | Off site | No Work | C2 |
| T120 | Oak | 13 | | 830 | | | | | Dead | Dead | M | 0 | | No Work | U |
| T121 | Ash | 13 | 2 | 600 | 4 | 4 | 4 | 4 | Fair | Fair | M | 10+ | Plotted manually, leans, dead wood, dieback | No immediate action required | C2 |
| T122 | Oak | 13 | 0.5 | 1010 | 8 | 8 | 6 | 8 | Good | Fair | M | 40+ | Large old trunk wound, dead wood partially suppressed | No immediate action required | B2 |
| T123 | Oak | 18 | 2.0 | 140, 200, 250, 250, 300, 350 | 5 | 9 | 8 | 8 | Fair | Fair | EM | 10-19 | A multi-stemmed tree growing within G49 on eastern side of Two Mile Ash Road | No Works | B2 |
| T124 | Oak | 16 | 2.0 | 300, 320 | 7 | 6 | 5 | 4 | Fair | Fair | SM | 40+ | A semi-mature twin-stemmed tree growing within G49 on eastern side of Two Mile Ash Road | No Works | B2 |
| T125 | Field maple | 13 | 2.0 | 300 | 0 | 5 | 5 | 5 | Fair | Fair | M | 40+ | A mature tree growing within G49 on eastern side of Two Mile Ash Road | No Works | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|-------------------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|-------------------------------------|--------|
| T126 | Field maple | 13 | 2.0 | 250, 250, 250, 250, 250 | 4 | 5 | 5 | 6 | Fair | Fair | M | 40+ | A mature multi-stemmed tree growing within G49 on eastern side of Two Mile Ash Road | No Works | B2 |
| T127 | Oak | 16 | 2.0 | 200, 320 | 6 | 6 | 5 | 6 | Fair | Fair | M | 40+ | A semi-mature twin-stemmed tree growing within G49 on eastern side of Two Mile Ash Road | No Works | B2 |
| T128 | Turkey Oak | 16 | 2.0 | 340 | 7 | 7 | 7 | 6 | Fair | Fair | M | 40+ | A semi-mature tree growing within G49 on eastern side of Two Mile Ash Road | No Works | C2 |
| T129 | Oak | 13 | 2.0 | 290 | 5 | 5 | 5 | 5 | Fair | Fair | SM | 40+ | A semi-mature tree growing within G49 on eastern side of Two Mile Ash Road | Remove to allow for proposed access | B2 |
| T130 | Hawthorn | 8 | 1.0 | 180, 180 | 3 | 3 | 2 | 3 | Fair | Fair | M | 40+ | A small mature tree growing within G49 on eastern side of Two Mile Ash Road | Remove to allow for proposed access | C2 |
| T131 | Hawthorn | 6 | 1.0 | 250 | 2 | 4 | 4 | 3 | Fair | Fair | M | 40+ | A small mature tree growing within G50 on eastern side of Two Mile Ash Road | No Works | C2 |
| T132 | Oak | 14 | 2.0 | 400 | 6 | 6 | 6 | 6 | Fair | Fair | SM | 40+ | A semi-mature tree growing within G49 on eastern side of Two Mile Ash Road | No Works | B2 |
| T133 | Oak | 22 | 4.0 | 900, 750 | 14 | 12 | 12 | 15 | Fair | Fair | M | 40+ | A mature tree growing on the verge to the western side of Two Mile Ash Road | No Works | B1 |
| T134 | Field maple | 2 | 0 | 600 | 1 | 1 | 1 | 1 | Poor | Poor | M | 40+ | A mature ivy-covered tree that has been reduced to 2m in height growing on the verge to the western side of Two Mile Ash Road | No Works | C1 |
| T135 | Oak | 20 | 2.0 | 1200 | 13 | 12 | 12 | 12 | Fair | Fair | M | 40+ | A mature tree growing on the raised bank beyond the verge to the western side of Two Mile Ash Road | No Works | B1 |
| T136 | Oak | 20 | 2.0 | 950 | 10 | 11 | 10 | 11 | Fair | Fair | M | 40+ | A mature tree growing on the raised bank beyond the verge to the western side of Two Mile Ash Road | No Works | B1 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|--------------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|-------------------------------------|--------|
| T137 | Oak | 18 | 4.0 | 870 | 10 | 11 | 12 | 10 | Fair | Fair | M | 40+ | A mature tree growing within the verge to the eastern side of Worthing Road | No works | B1 |
| T138 | Hawthorn | 4 | 1.0 | 250 | 1 | 2 | 4 | 2 | Fair | Fair | M | 40+ | A small, ivy-covered tree growing on western side of Worthing Road. | Remove to allow for proposed access | C2 |
| T139 | Ash | 20 | 2.0 | 350,350, 200, 160 | 5 | 9 | 8 | 9 | Fair | Fair | EM | 10-19 | A multi-stemmed, ivy-covered tree growing on western side of Worthing Road, the remaining life-expectancy of this tree is likely to be compromised due to Ash Dieback Disease | Remove to allow for proposed access | C2 |
| T140 | Oak | 18 | 2.0 | 550 | 6 | 8 | 6 | 9 | Fair | Fair | EM | 10-19 | An early-mature tree growing on western side of Worthing Road. | No Works | B2 |
| T141 | Ash | 18 | 2.0 | 375 | 6 | 5 | 5 | 6 | Fair | Fair | EM | 10-19 | An ivy-covered tree growing on western side of Worthing Road, the remaining life-expectancy of this tree is likely to be compromised due to Ash Dieback Disease | No Works | C2 |
| T142 | Oak | 16 | 2.0 | 650 | 6 | 8 | 7 | 8 | Fair | Fair | EM | 10-19 | An early-mature tree growing on western side of Worthing Road. | No Works | B2 |
| T143 | Hawthorn | 8 | 2.0 | 200, 200, 200, 200 | 5 | 3 | 3 | 3 | Fair | Fair | M | 40+ | A small, ivy-covered tree growing on western side of Worthing Road. | No Works | C2 |
| T144 | Oak | 18 | 2.0 | 300, 300 | 9 | 8 | 9 | 8 | Fair | Fair | SM | 10-19 | A semi-mature, twin-stemmed tree growing on western side of Worthing Road. | No Works | C2 |
| G1 | Mixed | 14 | 0 | 500 | | | | | Good | Fair | EM | 40+ | Unmanaged, includes Ash, Field maple, Hawthorn, Oak with understorey of Blackthorn, Holly, Elder, Hazel | No immediate action required | B2 |
| G2 | Oak | 14 | 2 | 700 | | | | | Good | Fair | M | 40+ | 5 trees, some ivy clad, dead wood | No immediate action required | B2 |
| G3 | Oak | 18 | | 840 | | | | | Good | Fair | M | 40+ | 3 trees, ditch immediately to the north, partially suppressed, middle tree clad in dead ivy | No immediate action required | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|--|--|--------|
| G4 | Mixed | 18 | 2 | 520 | | | | | Good | Fair | EM | 40+ | Oak, Hawthorn, Ash (with dieback), some ivy clad, ground compacted, dead wood | No immediate action required | B2 |
| G5 | Mixed | 20 | | 400 | | | | | Good | Fair | EM | 40+ | Oak, Hawthorn, Ash (with dieback), ivy clad, dead wood | No immediate action required | B2 |
| G6 | Mixed | 20 | | 600 | | | | | Good | Fair | M | 40+ | Oak, Ash (with dieback), ivy clad | Remove two declining ash trees from within this group to ease constraints associated with the proposed access from Worthing Road, (Detailed Application) | B2 |
| G7 | Mixed | 12 | | 500 | | | | | Good | Fair | M | 20+ | Unmanaged, includes Hazel, Leyland cypress, Pear, Cherry, Horse chestnut, Lilac, Privet | No immediate action required | C2 |
| G8 | Mixed | 14 | | 700 | | | | | Good | Fair | M | 40+ | Oak, Hawthorn, Hazel, ivy clad | No immediate action required | B2 |
| G9 | Mixed | 18 | | 630 | | | | | Good | Fair | M | 20+ | Hawthorn and Ash (with dieback) | No immediate action required | B2 |
| G10 | Goat willow | 9 | | 500 | | | | | Good | Fair | M | 40+ | Multi-stemmed | No immediate action required | B2 |
| G11 | Oak | 14 | | 970 | | | | | Good | Fair | M | 40+ | 2 trees, smaller tree ivy clad, historic damage, dead wood | No immediate action required | B2 |
| G12 | Mixed | 7 | | 270 | | | | | Fair | Fair | M | 20+ | Holly & Hawthorn, ivy clad, dead wood | No immediate action required | B3 |
| G13 | Mixed | 10 | | 300 | | | | | Good | Fair | EM | 40+ | Multi-stemmed Hazel & Field maple | No immediate action required | B2 |
| G14 | Mixed | 20 | 2 | 800 | | | | | Good | Fair | M | 40+ | Predominantly Oak with Hawthorn, Field maple (trunk cavity), Ash (with dieback), ivy clad, dead wood | No immediate action required | B3 |
| G15 | Mixed | 9 | 0 | 300 | | | | | Good | Fair | EM | 40+ | Willow, Blackthorn, Hawthorn, Goat willow, Hazel, Oak, Holly, Spindle | No immediate action required | B2 |
| G16 | Oak | 10 | 2 | 430 | | | | | Good | Fair | EM | 40+ | 2 trees, dead wood | No immediate action required | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|------------------------------|--------|
| G17 | Oak | 18 | 1 | 600 | | | | | Good | Fair | M | 40+ | 3 trees with dead wood and 1 dying | No immediate action required | B2 |
| G18 | Oak | 14 | | 600 | | | | | Fair | Fair | M | 20+ | 2 trees, ivy clad, significant dead wood | No immediate action required | B2 |
| G19 | Oak | 16 | | 1000 | | | | | Good | Fair | M | 40+ | 3 trees, largest ivy clad & twin stemmed at a metre, dead wood | No immediate action required | B2 |
| G20 | Mixed | 10 | | 150 | | | | | Good | Fair | EM | 40+ | Blackthorn, Field maple, Hawthorn, Hazel, Goat willow, Oak, Ash (dieback present) | No immediate action required | B2 |
| G21 | Oak | 13 | | 590 | | | | | Fair | Fair | M | 10+ | 3 trees, significant dead wood | No immediate action required | C3 |
| G22 | Mixed | 9 | | 200 | | | | | Good | Fair | EM | 20+ | Blackthorn, Field maple, Hawthorn, Spindle, Goat willow, Oak, Privet, Ash (dieback present) | No immediate action required | B2 |
| G23 | Poplar | 16 | | 450 | | | | | Good | Fair | EM | 40+ | Off site, old pollard at 4m | No immediate action required | B2 |
| G24 | Mixed | 12 | | 350 | | | | | Good | Fair | EM | 20+ | 1 Hawthorn, 1 Ash (dieback present) | No immediate action required | B2 |
| G25 | Mixed | 11 | | 500 | | | | | Good | Fair | M | 40+ | Off site, old pollard at 1.5m | No immediate action required | B2 |
| G26 | Oak | 18 | 2 | 750 | | | | | Good | Fair | M | 40+ | 3 trees, dead wood | No immediate action required | B2 |
| G27 | Oak | 18 | 2 | 900 | | | | | Good | Fair | M | 40+ | 4 trees, smallest off site (not plotted), dead wood | No immediate action required | A2 |
| G28 | Mixed | 16 | 2 | 300 | | | | | Fair | Fair | EM | 20+ | Off site, Field maple (trunk cavity), Hawthorn, Ash (dieback) | No immediate action required | B2 |
| G29 | Ash | 14 | 4 | 380 | | | | | Poor | Fair | EM | <10 | Lifted, significant dieback | No immediate action required | U |
| G30 | Mixed | 12 | 2 | 250 | | | | | Good | Fair | EM | 20+ | Predominantly Ash (dieback) with Hawthorn | No immediate action required | C2 |
| G31 | Ash | 12 | 2 | 580 | | | | | Fair | Poor | M | 10+ | Fungal fruiting bodies, trunk cavities, significant dead wood, dieback, cut back from overhead cables | No immediate action required | C2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|-------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|--|--|--------|
| G32 | Oak | 15 | 2 | 800 | | | | | Good | Fair | M | 40+ | 2 trees, dead wood | No immediate action required | B2 |
| G33 | Oak | 16 | 2 | 850 | | | | | Good | Fair | M | 40+ | Off site, dead wood | No immediate action required | B2 |
| G34 | Mixed | 12 | 0 | 500 | | | | | Good | Fair | M | 40+ | Off site Field maple, Hawthorn, Hazel, Blackthorn, Holly | No immediate action required | B2 |
| G35 | Mixed | 13 | 0 | 380 | | | | | Good | Fair | EM | 40+ | Unmanaged hedge includes Blackthorn, Hazel, Hawthorn, Elder and trees: Goat willow, Oak, Ash (dieback), Hazel | Remove section maximum 20m to allow for proposed development. (Outline Application). | B2 |
| G36 | Mixed | 18 | 0 | 500 | | | | | Good | Fair | M | 40+ | Unmanaged includes mature trees, Ash (dieback), Oak, Hazel, Plum, Hawthorn, Field maple, Elder | No immediate action required | B2 |
| G37 | Small leaved lime | 14 | | 500 | | | | | Good | Fair | EM | 40+ | Off site, restricted access, multi-stemmed | No immediate action required | B2 |
| G38 | Mixed | 12 | | 300 | | | | | Good | Fair | EM | 40+ | Sporadic remnants of hedge, predominantly Hawthorn with Field maple, Oak, Ash (dieback) | No immediate action required | B2 |
| G39 | Oak | 16 | 1 | 960 | | | | | Good | Fair | M | 40+ | 2 trees, dead wood | No immediate action required | B2 |
| G40 | Oak | 18 | 1 | 980 | | | | | Good | Fair | M | 40+ | 2 trees, dead wood | No immediate action required | B2 |
| G41 | Mixed | 20 | 2 | 750 | | | | | Good | Fair | M | 40+ | Northern ivy clad, Field maple (old pollard at 2m), dead wood | No immediate action required | B2 |
| G42 | Oak | 22 | 2 | 1000 | | | | | Good | Fair | M | 40+ | 3 trees, partially off site, exercise equipment attached to southern two trees, middle tree (largest), dead wood | No immediate action required | B2 |
| G43 | Mixed | 15 | 1 | 800 | | | | | Good | Fair | M | 40+ | Off site, includes Hazel, Sycamore, Norway maple, Ash (trunk wound/cavity), some ivy clad | No immediate action required | B2 |
| G44 | Mixed | 9 | 0 | 300 | | | | | Good | Fair | EM | 40+ | Unmanaged, predominantly off site, includes Horse chestnut, Holly, Hazel, Blackthorn, Beech, Ash | No immediate action required | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|--|--------|
| G45 | Mixed | 12 | 0 | 350 | | | | | Good | Fair | EM | 20+ | Unmanaged, predominantly off site, includes Goat willow, Leyland cypress, Hawthorn, Blackthorn | No immediate action required | C2 |
| G46 | Mixed | 14 | 0 | 650 | | | | | Good | Fair | M | 40+ | Includes 3 off site Oak trees, unmanaged Hawthorn, Blackthorn, Elder, Willow, Ash Dieback Disease | No immediate action required | B2 |
| G47 | Field maple | 12 | 1 | 550 | | | | | Good | Fair | M | 40+ | Remnant hedge, multi-stemmed at 1.5m | No immediate action required | B2 |
| G48 | Mixed | 12 | 0 | 400 | | | | | Good | Fair | EM | 40+ | Hawthorn, Field maple, Blackthorn, Elder | No immediate action required | B2 |
| G49 | Mixed | 12 | 0 | 450 | | | | | Good | Fair | EM | 40+ | Oak, Hawthorn, Blackthorn, Field maple, Norway maple, Sycamore and mature Oak & Field maple | Remove small section >20m ² to allow for proposed access from Two Mile Ash Road, (Detailed Application) | B2 |
| G50 | Mixed | 14 | 1 | 300 | | | | | Good | Fair | EM | 40+ | Dense, unmanaged includes Oak, Blackthorn, Field maple, Scots pine, Cherry, Elder | No immediate action required | B2 |
| G51 | Mixed | 14 | 1 | 280 | | | | | Good | Fair | EM | 40+ | Unmanaged, predominantly Oak with Scots pine and Field maple | No immediate action required | B2 |
| G52 | Mixed | 15 | 0 | 500 | | | | | Good | Fair | M | 40+ | Unmanaged with Blackthorn, Hawthorn, Field maple, Hazel, Holly, Oak, Ash (dieback), Sycamore | No immediate action required | B2 |
| G53 | Hawthorn | 5 | 0 | 330 | | | | | Good | Fair | M | 40+ | 2 trees, multi-stemmed | No immediate action required | B2 |
| G54 | Mixed | 22 | 0 | 600 | | | | | Good | Fair | M | 40+ | Unmanaged, predominantly Oak with Sycamore, Ash (dieback), Lime, Hawthorn, False acacia, Lawson cypress, Norway maple, Laurel, ivy clad | No immediate action required | B2 |
| G55 | Mixed | 15 | 0 | 450 | | | | | Good | Fair | EM | 40+ | Unmanaged plantation includes Scots pine, Ash (dieback), Oak, Hawthorn, Sycamore (saplings), Elder | No immediate action required | B2 |
| G56 | Ash | 22 | | 600 | | | | | Fair | Fair | M | 20+ | 2 trees, southern one significant dieback and ivy clad, partially suppressed | No immediate action required | C2/U |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|--|--------|
| G57 | Mixed | 13 | 0 | 250 | | | | | Good | Fair | EM | 40+ | Unmanaged, predominantly Laurel with Oak, Sycamore, Cherry, Ash | No immediate action required | C2 |
| G58 | Mixed | 16 | 0 | 200 | | | | | Fair | Fair | EM | 10+ | Unmanaged, predominantly Ash (dieback), with Oak, Blackthorn, Hawthorn, Field maple | No immediate action required | C2 |
| G59 | Ash | 20 | | 600 | | | | | Poor | Fair | M | 40+ | Significant dieback, cavities, dead wood, partially suppressed | No immediate action required | C2 |
| G60 | Hawthorn | 5 | 0 | 400 | | | | | Good | Fair | M | 40+ | Remnant hedge, multi-stemmed, not all plotted | Remove to allow for proposed development, (Outline Application). | B2 |
| G61 | Mixed | 7 | 0 | 300 | | | | | Good | Fair | 40+ | EM | Unmanaged Blackthorn, Hawthorn, Elder, Holly, Oak, some ivy clad | No immediate action required | B2 |
| G62 | Mixed | 8 | 0 | 400 | | | | | Good | Fair | 40+ | EM | Unmanaged Field maple, Hawthorn, Elder, Hazel, Oak, occasional mature tree | No immediate action required | B2 |
| G63 | Corsican pine | 20 | | 900 | | | | | Fair | Poor | 10+ | M | 6 trees, leaning, cavities, dead wood, snags | Carry out H&S assessment | C3 |
| G64 | Mixed | 20 | 0 | 1000 | | | | | Good | Fair | 40+ | M | Unmanaged, Larch, Ash (dieback), Lime, Hawthorn, Oak, Field maple, Blackthorn, Hazel, Elder | Remove to allow for proposed development Removal of 4 oak trees within this group, (Outline Application). | B2 |
| G65 | Mixed | 18 | | 400 | | | | | Fair | Fair | 40+ | M | Not all trees plotted, Ash (dieback) & Oak with occasional Holly, Hawthorn, Hazel, Elder | No immediate action required | B2 |
| G66 | Mixed | 16 | 0 | 600 | | | | | Good | Fair | 40+ | M | Unmanaged, dense, Oak, Field maple, Holly, Elder, Blackthorn, Hawthorn, Hazel | No immediate action required | B2 |
| G67 | Mixed | 16 | 5 | 840 | | | | | Good | Fair | 40+ | M | 1 twin stem Oak, 1 Ash (larger) with established basal sucker (with fungal fruiting bodies), branch cavities, dieback | No immediate action required | B3 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|------------------------------|--------|
| G68 | Ash | 13 | 2 | 500 | | | | | Fair | Fair | 10+ | M | 2 trees, dieback, larger with trunk cavity, other multi-stemmed | No immediate action required | C2 |
| G69 | Mixed | 14 | | 500 | | | | | Good | Fair | 20+ | M | Ash with Hawthorn & Hazel | No immediate action required | B2 |
| G70 | Oak | 18 | | 950 | | | | | Good | Fair | 40+ | M | Dead wood, partially suppressed, occasional Field maple, Hawthorn, Blackthorn, Ash | No immediate action required | B2 |
| G71 | Oak | 18 | 1 | 1000 | | | | | Good | Fair | 40+ | M | 2 trees, significant dead wood, larger tree with basal cavity | No immediate action required | B2 |
| G72 | Mixed | 9 | 0 | 300 | | | | | Good | Fair | 40+ | EM | Hedge but several developed into trees (not plotted) includes Field maple, Ash (dieback), Buckthorn, Blackthorn, Hazel, Goat willow, Elder, Spindle | No immediate action required | B2 |
| G73 | Mixed | 11 | 0 | 300 | | | | | Fair | Fair | 20+ | EM | Predominantly Elm (Dutch elm disease) with Buckthorn, Blackthorn, Hawthorn, Field maple, Hazel, Oak | No immediate action required | C2 |
| G74 | Mixed | 9 | 0 | 200 | | | | | Fair | Fair | 20+ | EM | Predominantly Elm (Dutch elm disease) with Plum, Hawthorn, Field maple, Hazel | No immediate action required | C2 |
| G75 | Mixed | 12 | 0 | 250 | | | | | Fair | Fair | 20+ | EM | Unmanaged, Field maple, Elm (Dutch elm disease), Ash (dieback), Hawthorn, Blackthorn | No immediate action required | C2 |
| G76 | Oak | 15 | 1 | 900 | | | | | Good | Fair | 40+ | M | 2 trees, eastern manually plotted, ivy clad, dead wood, historic damage, branch cavities | No immediate action required | B2 |
| G77 | Mixed | 18 | 1 | | | | | | Good | Fair | 40+ | M | 2 Oak & 1 Field maple, ivy clad, historic damage on central tree | No immediate action required | B2 |
| G78 | Mixed | 13 | 1 | | | | | | Good | Fair | 40+ | M | 2 Oak & 1 Field maple, eastern Oak ivy clad, dead wood | No immediate action required | B2 |
| G79 | Mixed | 18 | 2 | | | | | | Good | Fair | 40+ | M | Oak & Pear, ivy clad | No immediate action required | B2 |
| G80 | Holly | 5 | 0 | | | | | | Fair | Fair | 20+ | EM | Part of hedge, dieback | No immediate action required | C2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|---|--------|
| G81 | Oak | 20 | 2 | 950 | | | | | Good | Fair | 40+ | M | 2 trees, dead wood (significant in southern tree), southern tree ivy clad | No immediate action required | B3 |
| G82 | Oak | 20 | 2 | 1000 | | | | | Good | Fair | 40+ | M | 2 trees, ivy clad, dead wood | No immediate action required | B2 |
| G83 | Ash | 11 | 2 | | | | | | Fair | Fair | 10+ | M | 2 off site trees, heavily reduced, dieback | No immediate action required | C2 |
| G84 | Oak | 20 | 6 | | | | | | Fair | Fair | 40+ | M | 2 trees, lifted, reduced | No immediate action required | C2 |
| G85 | Mixed | 14 | 0 | 500 | | | | | Fair | Fair | 20+ | M | Off site includes Field maple, Cherry, Holly, Leyland cypress, Blackthorn, Ash (dieback & reduced) | No immediate action required | B2 |
| G86 | Mixed | 16 | 3 | | | | | | Good | Fair | 40+ | M | Off site Oak & Ash | No immediate action required | B2 |
| G87 | Mixed | 16 | 2 | | | | | | Good | Fair | 40+ | M | 4 Oak & 1 Wild Service Tree, dead wood | No immediate action required | B2 |
| G88 | Mixed | 15 | 0 | 400 | | | | | Good | Fair | 40+ | EM | Round a pond includes Oak, Ash, Field maple, Hawthorn | No immediate action required | B2 |
| G89 | Mixed | 20 | 2 | 600 | | | | | Good | Fair | 40+ | M | Off site Pear & 2 Leyland cypress | No immediate action required | B2/C2 |
| G90 | Mixed | 17 | 0 | 500 | | | | | Good | Fair | 40+ | M | Off site Predominantly Leyland cypress with Elder | No immediate action required | C2 |
| G91 | Ash | 9 | 1 | 250 | | | | | Fair | Fair | 20+ | EM | 4 trees, most plotted manually, partially suppressed | Remove to allow for proposed development (Outline Application). | C2 |
| G92 | Mixed | 20 | 1 | 900 | | | | | Good | Fair | 40+ | M | Unmanaged, old farm equipment, tyres, debris/spoil scattered within RPA's includes Oak, Horse chestnut, Ash (dieback) | No immediate action required | B2 |
| G93 | Mixed | 16 | 0 | 600 | | | | | Good | Fair | 40+ | M | Unmanaged Field maple, Hawthorn, Hazel, Ash (dieback) around pond | No immediate action required | B3 |
| G94 | Mixed | 16 | 0 | 400 | | | | | Good | Fair | 40+ | EM | Unmanaged includes Field maple, Hawthorn, Blackthorn, Ash (dieback) | No immediate action required | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|------------------------------|--------|
| G95 | Ash | 14 | | 550 | | | | | Fair | Fair | 20+ | M | 3 trees, ivy clad, dead wood, dieback | No immediate action required | C2 |
| G96 | Mixed | 20 | | 1000 | | | | | Good | Fair | 40+ | M | 3 trees, dead wood, historic damage | No immediate action required | B2 |
| G97 | Mixed | 12 | 0 | 400 | | | | | Good | Fair | 40+ | EM | Unmanaged includes Hawthorn, Field maple, Blackthorn, Elder, Hazel | No immediate action required | B2 |
| G98 | Mixed | 18 | 0 | 400 | | | | | Good | Fair | 40+ | M | Off site includes Lawson cypress, Holly, Weeping willow, Hawthorn | No immediate action required | B2 |
| G99 | Ash | 24 | 2 | | | | | | Good | Fair | 20+ | M | 2 trees, recent branch failure, historic damage, branch cavities in pruning wounds, water shoots, dieback | No immediate action required | B3 |
| G100 | Mixed | 17 | 0 | 470 | | | | | Good | Fair | 40+ | EM | Unmanaged Hawthorn, Field maple, Holly, Silver birch, Hazel around pond | No immediate action required | B3 |
| G101 | Oak | 19 | 2 | | | | | | Good | Fair | 40+ | M | 2 trees, dead wood | No immediate action required | B2 |
| G102 | Mixed | 18 | 0 | 530 | | | | | Good | Fair | 40+ | M | Southern side largely maintained as a 1.5m hedge includes Blackthorn, Hawthorn, Field maple, Hazel, Oak and Aspen | No immediate action required | B2 |
| G103 | Goat willow | 13 | | 390 | | | | | Good | Fair | 40+ | M | Partially suppressed | No immediate action required | B2 |
| G104 | Mixed | 15 | | | | | | | Good | Fair | 40+ | M | 1 Oak (old pollard at 3m), 1 Ash (established basal sucker, dieback) | No immediate action required | B2 |
| G105 | Mixed | 16 | | 900 | | | | | Good | Fair | 40+ | M | 2 Oak, 2 Field maple, dead wood, some ivy clad | No immediate action required | B3 |
| G106 | Mixed | 9 | | | | | | | Fair | Fair | 20+ | M | Several ivy clad, part of hedge includes Field maple & Hawthorn | No immediate action required | C3 |
| G107 | Mixed | 14 | | 610 | | | | | Good | Fair | 40+ | M | 2 Field maple, 1 Oak, partially suppressed | No immediate action required | B2 |
| G108 | Mixed | 17 | | 850 | | | | | Good | Fair | 40+ | M | 1 Oak , 1 Ash (dieback) dead wood | No immediate action required | B2 |
| G109 | Oak | 18 | | | | | | | Good | Fair | 40+ | M | 2 trees, minor dead wood | No immediate action required | A2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|--|------------------------------|--------|
| G110 | Mixed | 17 | | 400 | | | | | Fair | Fair | 20+ | M | Predominantly Ash with Field maple & Oak, ivy, dead wood | No immediate action required | C2 |
| G111 | Mixed | 14 | | 600 | | | | | Good | Fair | 20+ | M | Unmanaged, predominantly Field maple with Hawthorn, Elder, Ash (dieback), Oak, Willow some fallen from otherside of stream | No immediate action required | C2 |
| G112 | Mixed | 7 | | 300 | | | | | Good | Fair | 20+ | M | Predominantly Holly with Hawthorn, part of hedge | No immediate action required | B2 |
| G113 | Oak | 18 | | 1200 | | | | | Good | Fair | 40+ | M | 2 trees, ivy clad | No immediate action required | A2 |
| G114 | Mixed | 24 | | 600 | | | | | Good | Fair | 20+ | M | Unmanaged, mainly on embankment slope includes Ash (dieback), Oak, Hazel, Hawthorn, Field maple, Elder, Willow | No immediate action required | B2 |
| G115 | Mixed | 14 | | 500 | | | | | Good | Fair | 40+ | M | Unmanaged includes Oak, Hawthorn, Silver birch, Willow (some partially collapsed) | No immediate action required | B2 |
| G116 | Mixed | 14 | | 350 | | | | | Good | Fair | 20+ | M | Unmanaged, ivy clad, trunk wounds/cavities | No immediate action required | B2 |
| G117 | Mixed | 24 | | 300 | | | | | Good | Fair | 20+ | M | Unmanaged, mainly on embankment slope predominantly Ash (dieback) with Hawthorn, Field maple, Elder, ivy clad | No immediate action required | B2 |
| G118 | Mixed | 24 | | 300 | | | | | Good | Fair | 40+ | M | Unmanaged, mainly on embankment slope includes Ash (dieback), Oak, Hawthorn, Field maple, Elder, Silver birch, ivy clad | No immediate action required | B2 |
| G119 | Mixed | 5 | | 250 | | | | | Poor | Poor | <10 | M | Mainly dead Hawthorn & Holly but includes one potential veteran Hazel (not plotted) | No immediate action required | U |
| G120 | Mixed | 7 | | 300 | | | | | Good | Fair | 20+ | M | Unmanaged, ivy clad, includes Willow, Field maple, Hawthorn | No immediate action required | C2 |
| H1 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 20+ | Spindle, Blackthorn | No immediate action required | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|---|--------|
| H2 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 20+ | Hazel, Hawthorn, Spindle, Blackthorn, Holly | No immediate action required | B2 |
| H3 | Mixed | 3 | | 150 | - | - | - | - | Good | Fair | SM | 40+ | Oak, Buckthorn, Plum, Willow, Blackthorn, Cherry, Field maple, Hazel, Hawthorn, Holly, Lime | No immediate action required | B2 |
| H4 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Hawthorn, Hazel, Blackthorn, Norway maple, Field maple, Ash (dieback), Buckthorn | No immediate action required | B2 |
| H5 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Maintained - Hawthorn, Dogwood, Holly, Privet, Ash (dieback), Field maple, Hazel | No immediate action required | B2 |
| H6 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Hawthorn, Blackthorn, Plum, Hazel, Holly, Buckthorn, Field maple - sparse under trees | Remove section approximately 25m long to allow for proposed access from Worthing Road. (Detailed Application) | B2 |
| H7 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Buckthorn, Field maple, Hazel, Holly, Lime | Remove section maximum 20m long to allow for proposed development (Outline Application). | B2 |
| H8 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Buckthorn, Field maple, Hawthorn, Hazel, Holly | Remove section maximum 20m long to allow for proposed development (Outline Application). | B2 |
| H9 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Buckthorn, Field maple, Hawthorn, Hazel, Spindle | No immediate action required | B2 |
| H10 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Hawthorn, Hazel, Holly, Oak, Spindle | No immediate action required | B2 |
| H11 | Mixed | 6 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Buckthorn, Hawthorn, Hazel, Holly | No immediate action required | B2 |
| H12 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Cherry, Hawthorn, Hazel, Oak | No immediate action required | B2 |
| H13 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Elm, Field maple, Hawthorn, Hazel, Holly | No immediate action required | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|--|--|--------|
| H14 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Hawthorn, Hazel, Holly | No immediate action required | B2 |
| H15 | Mixed | 5 | | 150 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Buckthorn, Field maple, Goat willow, Spindle | No immediate action required | B2 |
| H16 | Mixed | 4 | | 150 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Buckthorn, Field maple, Hawthorn, Hazel, Sindle, Sycamore | No immediate action required | B2 |
| H17 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Field maple, Hawthorn, Hazel, Spindle | No immediate action required | B2 |
| H18 | Mixed | 3 | | 150 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Buckthorn, Elder, Field maple, Hawthorn, Hazel, Holly, Norway maple | No immediate action required | B2 |
| H19 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Field maple, Hawthorn, Hazel, Spindle | No immediate action required | B2 |
| H20 | Mixed | 5 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Elder, Field maple, Hawthorn, Hazel, Holly | No immediate action required | B2 |
| H21 | Mixed | 7 | | 150 | - | - | - | - | Fair | Fair | SM | 20+ | Blackthorn, Hawthorn, Plum - unmanaged | No immediate action required | B2 |
| H22 | Blackthorn | 2 | | 100 | - | - | - | - | Good | Fair | SM | 20+ | Maintained, gappy | No immediate action required | C2 |
| H23 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Buckthorn, Hawthorn, Hazel, Holly - maintained | No immediate action required | B2 |
| H24 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Buckthorn, Cherry, Elder, Hawthorn, Hazel, Spindle | No immediate action required | B2 |
| H25 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Buckthorn, Hawthorn, Hazel, Holly, Spindle | Remove section maximum 20m long to allow for proposed development (Outline Application). | B2 |
| H26 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Hawthorn, Spindle - maintained | No immediate action required | B2 |
| H27 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 20+ | Ash (dieback), Blackthorn, Elder but mainly bramble | No immediate action required | C2 |
| H28 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Elder, Field maple, Hawthorn, Norway maple, oak | No immediate action required | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|--|---|--------|
| H29 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Buckthorn, Field maple, Hawthorn, Hazel | No immediate action required | B2 |
| H30 | Mixed | 4 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Elder, Field maple, Hawthorn, Hazel, Goat willow, Oak, Plum, Spindle | No immediate action required | B2 |
| H31 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Elm, Field maple, Oak, Willow | No immediate action required | B2 |
| H32 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Buckthorn, Field maple, Hawthorn, Hazel | No immediate action required | B2 |
| H33 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 20+ | Predominantly Elm (Dutch elm disease), Ash (dieback), Blackthorn, Buckthorn, Field maple, Hawthorn, Hazel | No immediate action required | B2 |
| H34 | Mixed | 7 | | 150 | - | - | - | - | Good | Fair | SM | 40+ | Mainly maintained at 2m in height, includes Hawthorn, Elm, Blackthorn, Hazel, Holly, Oak, Field maple, Buckthorn | No immediate action required | C2 |
| H35 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Buckthorn, Field maple, Hawthorn, Hazel, Holly | No immediate action required | B2 |
| H36 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Field maple, Hawthorn, Hazel, Holly | Remove 2 sections maximum 20m and 1 section 10m long to allow for proposed development (Outline Application). | B2 |
| H37 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Field maple, Hawthorn, Hazel, Holly | No immediate action required | B2 |
| H38 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Maintained, Blackthorn, Hawthorn | No immediate action required | B2 |
| H39 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Maintained, Hawthorn, Holly, Privet | No immediate action required | B2 |
| H40 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Buckthorn, Field maple, Hawthorn, Hazel, Holly, Privet | Remove section of hedgerow 20m long to allow for proposed development (Outline Application). | B2 |

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|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|---|--------|
| H41 | Mixed | 3 | | 75 | - | - | - | - | Good | Fair | SM | 20+ | Recently planted with guards, predominantly Hawthorn with Hazel | Remove section of hedgerow 175m long to allow for proposed development (Outline Application). | B2 |
| H42 | Mixed | 2 | | 75 | - | - | - | - | Good | Fair | SM | 20+ | Predominantly Box with Yew | No immediate action required | C2 |
| H43 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 20+ | Predominantly Lawson cypress | No immediate action required | C2 |
| H44 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Hawthorn, Holly | No immediate action required | B2 |
| H45 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn & Hawthorn | No immediate action required | C2 |
| H46 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Elder, Field maple, Hawthorn | No immediate action required | B2 |
| H47 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Field maple, Hawthorn, Plum | No immediate action required | B2 |
| H48 | Mixed | 6 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Hawthorn, Oak, Plum - some trees | No immediate action required | B2 |
| H49 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Buckthorn, Hawthorn | No immediate action required | B2 |
| H50 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn & Hawthorn | No immediate action required | B2 |
| H51 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Elder, Hawthorn, Hazel, Holly, Wych elm | No immediate action required | B2 |
| H52 | Mixed | 3 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Predominantly Hawthorn with Yew, Holly, Blackthorn, Elder | No immediate action required | B2 |
| H53 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Elder, Hawthorn, Holly, Yew | No immediate action required | B2 |
| H54 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn & Hawthorn | Remove section of hedgerow 10m long to allow for proposed development (Outline Application). | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|--|--|--------|
| H55 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Hawthorn, Holly | Remove section of hedgerow 10m long to allow for proposed development (Outline Application). | B2 |
| H56 | Mixed | 1 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Hawthorn, Hazel, Bramble | No immediate action required | B2 |
| H57 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn & Hawthorn | Remove section of hedgerow 10m long to allow for proposed development (Outline Application). | B2 |
| H58 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Hawthorn, Holly | No immediate action required | B2 |
| H59 | Mixed | 1 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Blackthorn, Hawthorn, Field maple | Remove section of hedgerow 10m long to allow for proposed development (Outline Application). | B2 |
| H60 | Mixed | 2 | | 100 | - | - | - | - | Good | Fair | SM | 40+ | Ash (dieback), Blackthorn, Field maple, Hawthorn, Hazel | Remove section of hedgerow 10m long to allow for proposed development (Outline Application). | B2 |
| H61 | Mixed | 2 | 0 | 100 | - | - | - | - | Good | Fair | SM | 40+ | Hawthorn, Field maple & Blackthorn | No immediate action required | B2 |
| H62 | Mixed | 2 | 0 | 100 | - | - | - | - | Good | Fair | SM | 20+ | Hawthorn, Blackthorn, Elder, Holly - gappy | No immediate action required | C2 |
| H63 | Mixed | 1.5 - 2 | 0 | 100 | - | - | - | - | Good | Fair | SM | 40+ | Hawthorn, Field maple & Holly - clipped | No immediate action required | A2 |
| H64 | Mixed | 1.5 - 2 | 0 | 100 | - | - | - | - | Good | Fair | SM | 40+ | Hawthorn, Elder, Ash, Holly, Blackthorn, Hazel - clipped | No immediate action required | B2 |
| H65 | Mixed | 2 | 0 | 100 | - | - | - | - | Good | Fair | SM | 40+ | Hawthorn, Hazel, Blackthorn, Field maple, Ash | No immediate action required | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|--|---|--------|
| H66 | Mixed | 6 | 0 | 100 | - | - | - | - | Good | Fair | SM | 40+ | Elm, Blackthorn, Field maple, Plum, Hazel, Holly, Willow maintained at 2.5m | Remove section of hedgerow 175m long to allow for proposed development (Outline Application). | B2 |
| H67 | Mixed | 2 | 0 | 100 | - | - | - | - | Good | Fair | SM | 40+ | Hawthorn, Blackthorn, Field maple, Hazel with Holly at either end maintained at a greater height than the rest of the hedge (N - 8m, S - 5m) | No immediate action required | B2 |
| H68 | Mixed | 2 | 0 | 100 | - | - | - | - | Good | Fair | SM | 40+ | Hawthorn, Blackthorn, Willow - maintained | No immediate action required | B2 |
| H69 | Mixed | 2 | 0 | 100 | - | - | - | - | Good | Fair | SM | 40+ | Field maple, Hawthorn, Elaeagnus - maintained, includes an multi-stemmed Hawthorn (250mm dbh) in middle | No immediate action required | C2 |
| H70 | Mixed | 4 | 0 | 100 | - | - | - | - | Good | Fair | SM | 40+ | Field maple, Hazel, Dogwood, Blackthorn - maintained | No immediate action required | B2 |
| H71 | Mixed | | 0 | 100 | - | - | - | - | Good | Fair | SM | 40+ | Hazel, Dogwood, Hawthorn, Field maple, Blackthorn - maintained | No immediate action required | B2 |
| W1 | Mixed Woodland | 22 | 0 | 950 | | - | - | - | Good | Fair | M | 40+ | Unmanaged includes Ash, Sycamore, Poplar, Hawthorn, Norway maple, Wych elm, Hazel, Holly | No immediate action required | B2 |
| W2 | Mixed Woodland | 16 | 0 | 900 | | - | - | - | Good | Fair | M | 40+ | Unmanaged includes Ash, Sycamore, Corsican pine, Hawthorn, Norway maple, Alder, Hazel, Holly, Beech, Scots pine | No immediate action required | B2 |
| W3 | Mixed Woodland | 14 | 0 | 400 | | - | - | - | Good | Fair | EM | 40+ | Planted includes Oak, Ash, Hawthorn, Field maple, Larch, Scots pine, Cherry, Norway spruce, Sycamore | Remove small section >100m ² to allow for proposed access from Worthing Road North. (Detailed Application) | B2 |
| W4 | Mixed Woodland | 20 | 0 | 800 | | - | - | - | Good | Fair | M | 40+ | Dense, no access, includes Oak, Ash, Hawthorn, Holly, Hazel, Crab apple, Willow | No immediate action required | A2 |
| W5 | Mixed Woodland | 22 | 0 | 900 | | - | - | - | Good | Fair | M | 40+ | Includes Oak, Willow, Hazel, Ash, Field maple, Hawthorn, Holly | No immediate action required | A2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|--|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|--|------------------------------|--------|
| W6 | Mixed Woodland | 24 | 0 | 1000 | | - | - | - | Good | Fair | M | 40+ | Off site, no access, includes Willow, Ash, Beech, Oak, Hawthorn, Hazel | No immediate action required | A2 |
| W7 | Mixed Woodland | 16 | 0 | 800 | | - | - | - | Good | Fair | M | 40+ | Off site, no access, includes Beech, Oak | No immediate action required | B2 |
| Christ's Hospital Railway Station | | | | | | | | | | | | | | | |
| T1 | Oak | 14 | 1.5 | 780 | 9 | 8 | 8 | 8 | Good | Fair | M | 40+ | Old trunk wound, exposed heartwood, trunk swelling, snags, dead wood, historic branch loss, old pollard at 10m, lost leader | No immediate action required | B2 |
| T2 | Oak | 14 | 1.6 | 1170 | 11 | 12 | 12 | 13 | Good | Fair | M | 40+ | Swollen buttress roots, moss, lichen, significant dead wood, stunted | No immediate action required | A2 |
| T3 | Oak | 6 | 1.5 | 300 | 3 | 3 | 3.5 | 3 | Good | Fair | EM | 40+ | Restricted access, ivy clad, within hedge | No immediate action required | B2 |
| T4 | Spindle tree | 4 | 0.5 | 110 100 | 2 | 2 | 2 | 2 | Good | Fair | EM | 20+ | Twin stemmed, previously maintained at 1m | No immediate action required | B2 |
| T5 | Ash | 11 | 0.5 | 100 | 2.5 | 2 | 2.5 | 2.5 | Fair | Fair | EM | 10+ | Multi-stemmed, multiple trunk wounds with exposed heartwood, some stems fused, partially suppressed, signs of ash dieback disease | No immediate action required | B2 |
| T6 | Hawthorn | 4 | 0.5 | 200 | 2 | 2.5 | 2 | 2 | Good | Fair | EM | 40+ | Multi-stemmed at 1m, established basal sucker, partially suppressed, minor strimmer damage | No immediate action required | B2 |
| T7 | Hawthorn | 7 | 0.1 | 380 | 3 | 4 | 4 | 4 | Good | Fair | EM | 40+ | Dense crown, multi-stemmed, ivy clad preventing detailed accurate measuring, redundant stake | No immediate action required | B2 |
| T8 | Ash | 12 | 2 | 300 | 4 | 4 | 5 | 4 | Fair | Fair | EM | 20+ | Crown lifted on roadside, torn branch with wound, girdling root, dense canopy and currently healthy but early signs of ash dieback disease | No immediate action required | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|--|---|--------|
| T9 | Ash | 20 | 1 | 1680 | 7 | 12 | 12 | 11 | Fair | Poor | V | 10+ | A Veteran tree with hollow, fungal fruiting bodies within hollow and on branches, ground compaction, lichen, moss, large trunk wound, water shoots with some ash dieback, historic damage, significant dead wood | Establish exclusion zone and protect tree | A3 |
| T10 | Oak | 20 | 1.5 | 930 | 9 | 14 | 11 | 10 | Good | Fair | M | 40+ | Partially suppressed, significant dead wood, historic damage, snags, small upper trunk cavity | No immediate action required | B2 |
| T11 | Oak | 14 | 1.5 | 720 | 9 | 9 | 3 | 11 | Good | Fair | M | 40+ | Lightning strike, trunk damage to base, exposed heartwood, frith | No immediate action required | B2 |
| T12 | Oak | 19 | 1.6 | 1430 | 8 | 11 | 9 | 11 | Fair | Fair | M | 40+ | Twin stemmed at 2m with water pockets and ash sapling, significant dead wood, snags, historic damage, cable bracing, foliage slightly yellow | Monitor condition | B2 |
| G1 | Willow | 10 | 0.5 | 400 | - | - | - | - | Good | Fair | M | 40+ | Two offsite multi-stemmed willows, no access | No immediate action required | B2 |
| G2 | Mixed species | 12 | 0.5 | 250 | - | - | - | - | Good | Fair | M | 40+ | Twin stemmed, Norway maple and multi-stemmed Hawthorn | No immediate action required | B2 |
| G3 | Mixed species | 9 | 0 | 100 | - | - | - | - | Good | Fair | EM | 20+ | Group includes Sycamore (self seeding), Privet, Laurel, Hawthorn, unmanaged | No immediate action required | B2 |
| G4 | Hawthorn | 7 | 0 | 430 | - | - | - | - | Fair | Fair | M | 20+ | Restricted access, ivy clad, partially suppressed, two leaning into field, cut back over road in the past, recent bough failure | No immediate action required | B2 |
| G5 | Mixed species | 16 | 0 | 250 | - | - | - | - | Fair | Fair | M | 40+ | Hawthorn, Sycamore, Spindle, Dog-rose, Dogwood, some ivy clad, unmanaged | No immediate action required | B2 |
| G6 | Mixed species | 9 | 0 | 150 | - | - | - | - | Good | Fair | EM | 40+ | Hazel, Hawthorn, Elder, Blackthorn, unmanaged | No immediate action required | B2 |
| H1 | Mixed species | 2.5 | 0 | 100 | - | - | - | - | Good | Fair | EM | 20+ | Unmanaged, gaps, predominantly Blackthorn with Hawthorn, Dogwood, Elder, Sycamore, Dog-rose and bramble | No immediate action required | B2 |

| Tree Ref | Species (Common) | Hgt (m) | Crown Hgt (m) | Stem Dia (mm) | CS (m) N | CS (m) E | CS (m) S | CS (m) N | Physio | Struct | Age | ERC (yrs) | Comments | Recommendations | BS Cat |
|----------|------------------|---------|---------------|---------------|----------|----------|----------|----------|--------|--------|-----|-----------|---|------------------------------|--------|
| H2 | Mixed species | 1.6 | 0 | 100 | - | - | - | - | Good | Fair | EM | 40+ | Maintained, Hawthorn and Blackthorn with Sycamore and Oak | No immediate action required | B2 |

Table 2 Cascade chart for tree quality assessment

| Trees unsuitable for retention (See Note) | | | | |
|--|--|---|---|------------------------|
| Category and definition | Criteria (including subcategories where appropriate) | | | Identification on plan |
| <p>Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.</p> | <ul style="list-style-type: none"> Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality. <p>NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7.</p> | | | Red |
| Trees to be considered for retention | | | | |
| | 1 Mainly arboricultural qualities | 2 Mainly landscape qualities | 3 Mainly cultural values, including conservation | |
| <p>Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years</p> | Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue) | Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features | Trees, groups or woodlands See Table 2 of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture) | Green |
| <p>Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years</p> | Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation | Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality | Trees with material conservation or other cultural value | Blue |
| <p>Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm</p> | Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories | Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits | Trees with no material conservation or other cultural value | Grey |

From BS 5837 (2012) Trees in relation to design, demolition and construction – Recommendations

Schedule of Trees and Hedgerows to be Removed

| Tree No. | Species | Proposed Works | BS Cat |
|-----------------|----------------|--|---------------|
| T9 | Ash | Remove to allow for proposed development, (Outline Application). | C1 |
| T101 | Ash | Remove to allow for proposed development, (Outline Application). | C1 |
| T118 | Oak | Remove to allow for proposed access from Two Mile Ash Road, (Detailed Application) | B2 |
| G6 | Mixed Group | Remove the hawthorn T138, and ash T139 from within this group to ease constraints associated with the proposed access from Worthing Road, (Detailed Application) | B2 |
| G35 | Mixed Group | Remove section maximum 20m to allow for proposed development. (Outline Application). | B2 |
| G49 | Mixed Group | Remove two trees hawthorn T129 and oak T130 to allow for proposed access from Two Mile Ash Road, (Detailed Application) | C1 |
| G60 | Hawthorns x 2 | Remove to allow for proposed development, (Outline Application). | B2 |
| G64 | Mixed Group | Remove to allow for proposed development Removal of 4 oak trees within this group, (Outline Application). | B2 |
| G91 | Ash x 4 | Remove to allow for proposed development (Outline Application). | C1 |
| H6 | Mixed Hedge | Remove section approximately 25m long to allow for proposed access from Worthing Road. (Detailed Application) | B2 |
| H7 | Mixed Hedge | Remove section maximum 20m long to allow for proposed development (Outline Application). | B2 |
| H8 | Mixed Hedge | Remove section maximum 20m long to allow for proposed development (Outline Application). | B2 |
| H25 | Mixed Hedge | Remove section maximum 20m long to allow for proposed development (Outline Application). | B2 |
| H36 | Mixed Hedge | Remove 2 sections maximum 20m and 1 section 10m long to allow for proposed development (Outline Application). | B2 |
| H40 | Mixed Hedge | Remove section maximum 20m long to allow for proposed development (Outline Application). | B2 |
| H41 | Mixed Hedge | Remove section of hedgerow 175m long to allow for proposed development (Outline Application). | B2 |
| H54 | Mixed Hedge | Remove section maximum 10m long to allow for proposed development (Outline Application). | B2 |
| H55 | Mixed Hedge | Remove section maximum 20m long to allow for proposed development (Outline Application). | B2 |
| H57 | Mixed Hedge | Remove section maximum 10m long to allow for proposed development (Outline Application). | B2 |
| H59 | Mixed Hedge | Remove section maximum 10m long to allow for proposed development (Outline Application). | B2 |
| H60 | Mixed Hedge | Remove section maximum 10m long to allow for proposed development (Outline Application). | B2 |
| H66 | Mixed Hedge | Remove section of hedgerow 175m long to allow for proposed development (Outline Application). | B2 |
| W3 | Mixed Woodland | Remove small section >100m ² to allow for proposed access from Worthing Road North. (Detailed Application) | B2 |

Table 1

Tree Preservation Orders

DATED 9th August 2000

TOWN AND COUNTRY PLANNING ACT 1990
TOWN AND COUNTRY PLANNING (TREES) REGULATIONS 1999

HORSHAM DISTRICT COUNCIL

(LAND TO WEST OF WORTHING ROAD, SOUTHWATER)

TREE PRESERVATION ORDER 2000

Horsham District Council
Park House
North Street
Horsham
West Sussex RH12 1RL

Authorisation

In the exercise of Function 7A.6.3 Tree
Preservation Orders Section 98 and 300 of
the Scheme of Delegation to Officers

Date: 9th August 2000

WP Ref: *Planning/Trees/new tpo.doc*

SCHEDULE 1

SPECIFICATION OF TREES

Trees specified individually (encircled in black on the map)

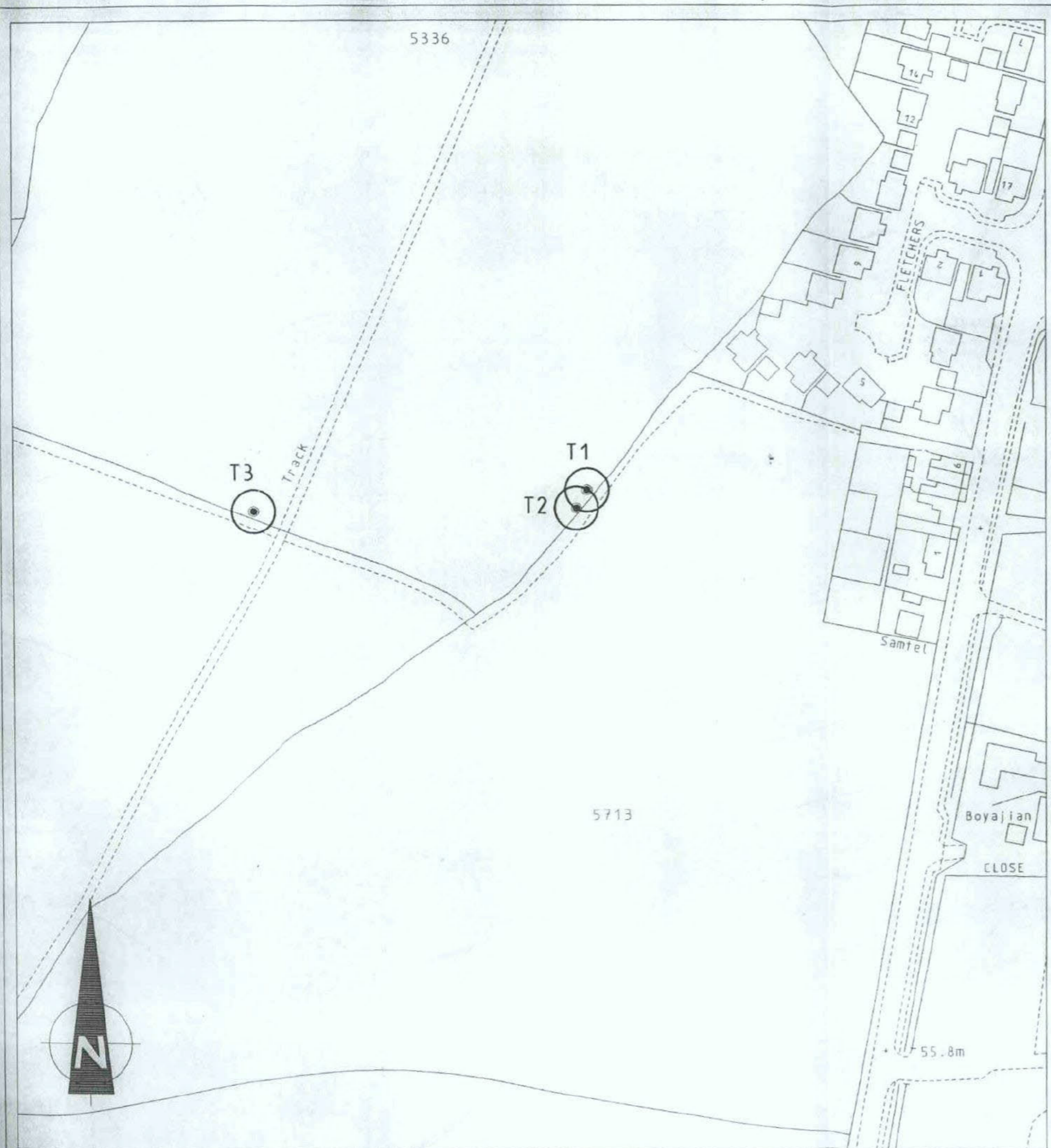
| Reference on map | Description | Situation |
|------------------|-------------|------------------------------|
| T1- T3 | 3 Oak trees | SE and SW boundary of field. |

Groups of trees (within a broken line on the map)

| Reference on map | Description (including numbers of trees in the group) | Situation |
|------------------|---|-----------|
| N/A | N/A | N/A |

Woodlands (within a continuous black line on the map)

| Reference on map | Description | Situation |
|------------------|-------------|-----------|
| N/A | N/A | N/A |



TREES SPECIFIED INDIVIDUALLY
(encircle in black on the map)

T1 - T3 - OAK

THIS IS THE PLAN REFERRED TO IN THE
HORSHAM DISTRICT COUNCIL

LAND TO WEST OF
WORTHING ROAD
SOUTHWATER

515571E, 127236N

TREE PRESERVATION ORDER 2000

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Horsham District Council

NEW PARK HOUSE . NORTH STREET Horsham 215100
HORSHAM . SUSSEX . RH12 1RL
Tony Stevens . Director . Directorate of Planning

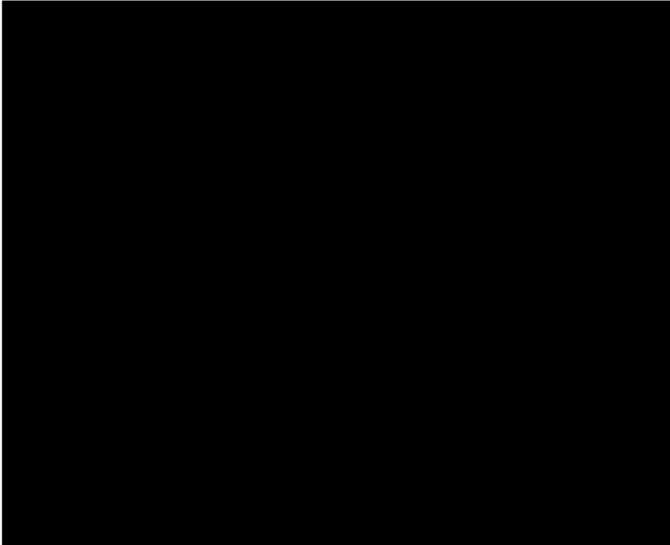
| | | | |
|-------------|------------|----------|--------|
| Ref No. | TPO1059 | | |
| Date. | 24/05/2000 | Scale. | 1:1250 |
| Drawn. | BM | Checked. | WJ |
| Drawing No. | Revisions. | | |

Dated: 2nd February, 2023

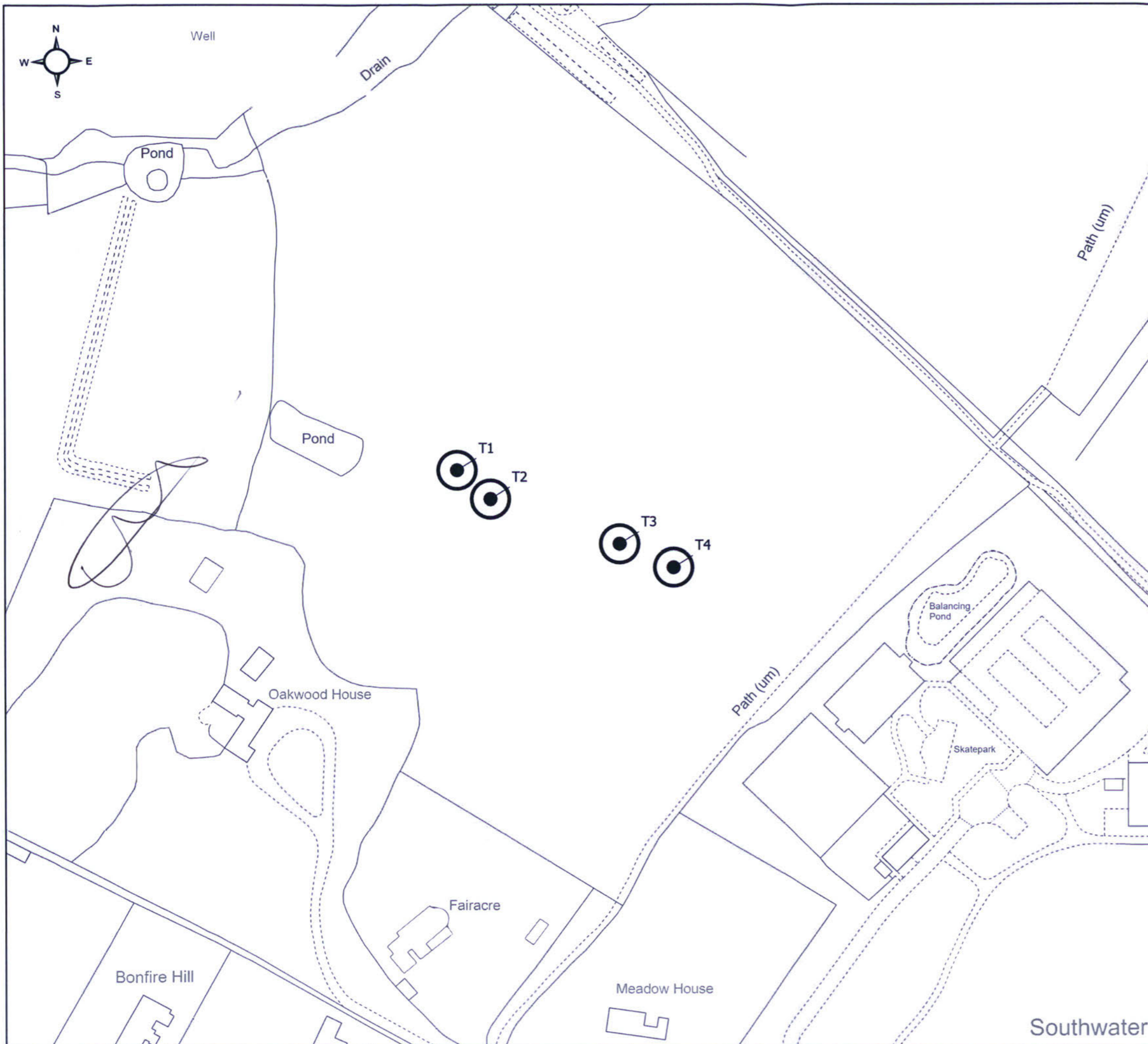
TOWN AND COUNTRY PLANNING ACT 1990

**The
Land to the North of Fairacre, Church Lane, Southwater
TREE PRESERVATION ORDER 2023**

Tree preservation order number: TPO/1558



The Horsham District Council, in exercise of the powers conferred on them by section 198 of the Town & Country Planning Act 1990 make the following Order



TREES SPECIFIED INDIVIDUALLY:
 (encircled in black on the map)
 T1 - Oak
 T2 - Oak
 T3 - Oak
 T4 - Oak

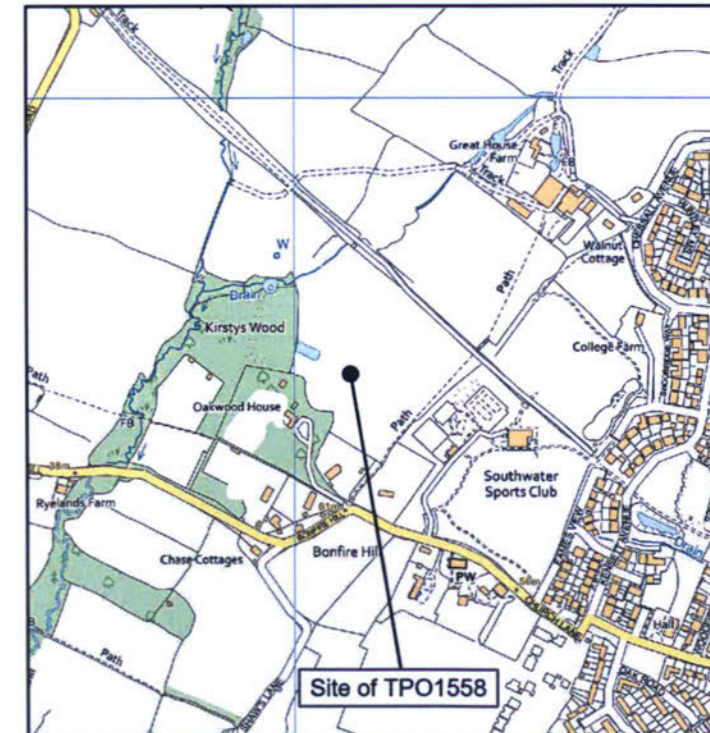
THIS IS THE PLAN REFERRED TO IN THE
 HORSHAM DISTRICT COUNCIL

Land to the North of Fairacre,
 Church Lane, Southwater

515104E 126635N m

TREE PRESERVATION ORDER 2023

| | |
|------------------------|------------------------------------|
| Reference No : TPO1558 | |
| Date : 02/02/2023 | Scales: 1:1,250 & 1:10,000 (at A3) |
| Drawn : AB | Checked : |
| Drawing No : | Revisions : |



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Parkside, Chart Way,
 Horsham
 West Sussex,
 RH12 1RL.

Southwater S

SCHEDULE

SPECIFICATION OF TREES

Trees specified individually (encircled in black on the map)

| Reference on map | Description | Situation |
|------------------|-------------|--------------------------|
| T1 | Oak | Position as shown on map |
| T2 | Oak | Position as shown on map |
| T3 | Oak | Position as shown on map |
| T4 | Oak | Position as shown on map |

Trees specified by reference to an area (within a dotted black line on the map)

| Reference on map | Description | Situation |
|------------------|-------------|-----------|
| None | None | None |

Groups of trees (within a broken line on the map)

| Reference on map | Description (including numbers of trees in the group) | Situation |
|------------------|---|-----------|
| None | None | None |

Woodlands (within a continuous black line on the map)

| Reference on map | Description | Situation |
|------------------|-------------|-----------|
| None | None | None |

DATED 21st December, 2010

TOWN AND COUNTRY PLANNING (TREES) REGULATIONS 1999
As amended by the Town and Country Planning (Trees) (Amendment) (England)
Regulations 2008

HORSHAM DISTRICT COUNCIL

(Land North of Old School, Worthing Road, Southwater)

TREE PRESERVATION ORDER 2010

Horsham District Council
Park House
North Street
Horsham
West Sussex RH12 1RL

Authority

In the exercise of Paragraph 8.7 of
the Scheme of Delegation to Officers

SCHEDULE 1

SPECIFICATION OF TREES

Trees specified individually (encircled in black on the map)

| Reference on map | Description | Situation |
|------------------|-------------|--------------------------|
| T1 | Oak | Position as shown on map |
| T2 | Oak | .. |
| T3 | Oak | .. |

Trees specified by reference to an area (within a dotted black line on the map)

| Reference on map | Description | Situation |
|------------------|-------------|-----------|
| None | None | None |

Groups of trees (within a broken line on the map)

| Reference on map | Description (including numbers of trees in the group) | Situation |
|------------------|---|-----------|
| None | None | None |

Woodlands (within a continuous black line on the map)

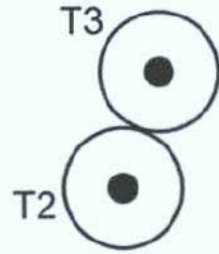
| Reference on map | Description | Situation |
|------------------|-------------|-----------|
| None | None | None |



HEAD OF FINANCIAL &
LEGAL SERVICES

55.2m

GREEN CLOSE



54.4m



Old School

52.6m

Calcot

TCB

Tangra

Park Barn

Ingleside

Leith View

Chevroe

Gas Gov

12

2

3

6

5

11

15

5

6

3

1

3

TREES SPECIFIED INDIVIDUALLY
(encircled in black on the map)

- T1 Oak
- T2 Oak
- T3 Oak

THIS IS THE PLAN REFERRED TO IN THE
HORSHAM DISTRICT COUNCIL

Land North of Old School,
Worthing Road,
Southwater

515595 E 126883 W

TREE PRESERVATION ORDER 2010

Reference No : TPO/1429

Date : 16 December 2010

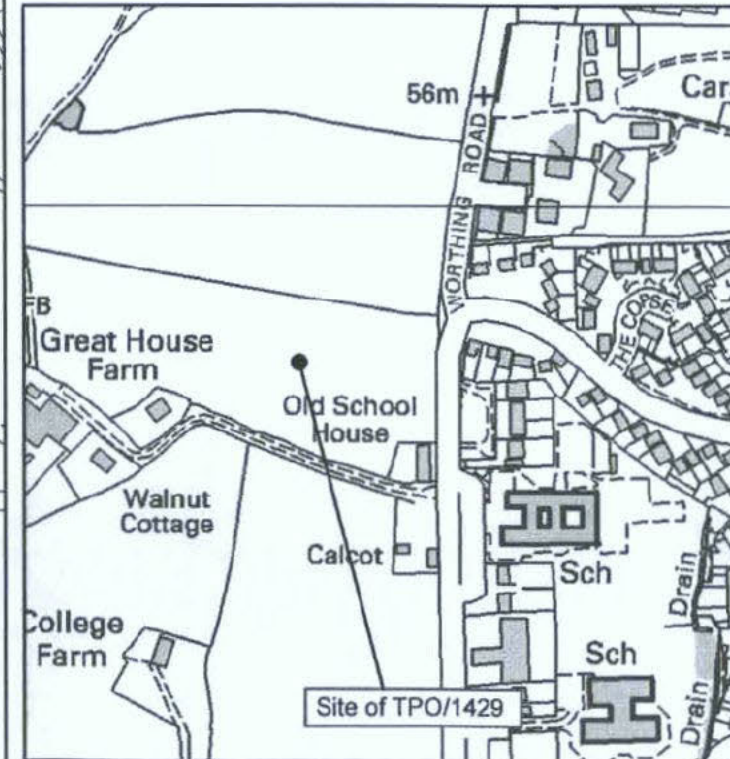
Scales : 1:1000, 1:5000

Drawn : BM

Checked : WJ

Drawing No : 01

Revisions :



Horsham District Council

Park North, North Street, Horsham
West Sussex RH12 1RL.

Rod Brown : Head of Planning & Environmental Services

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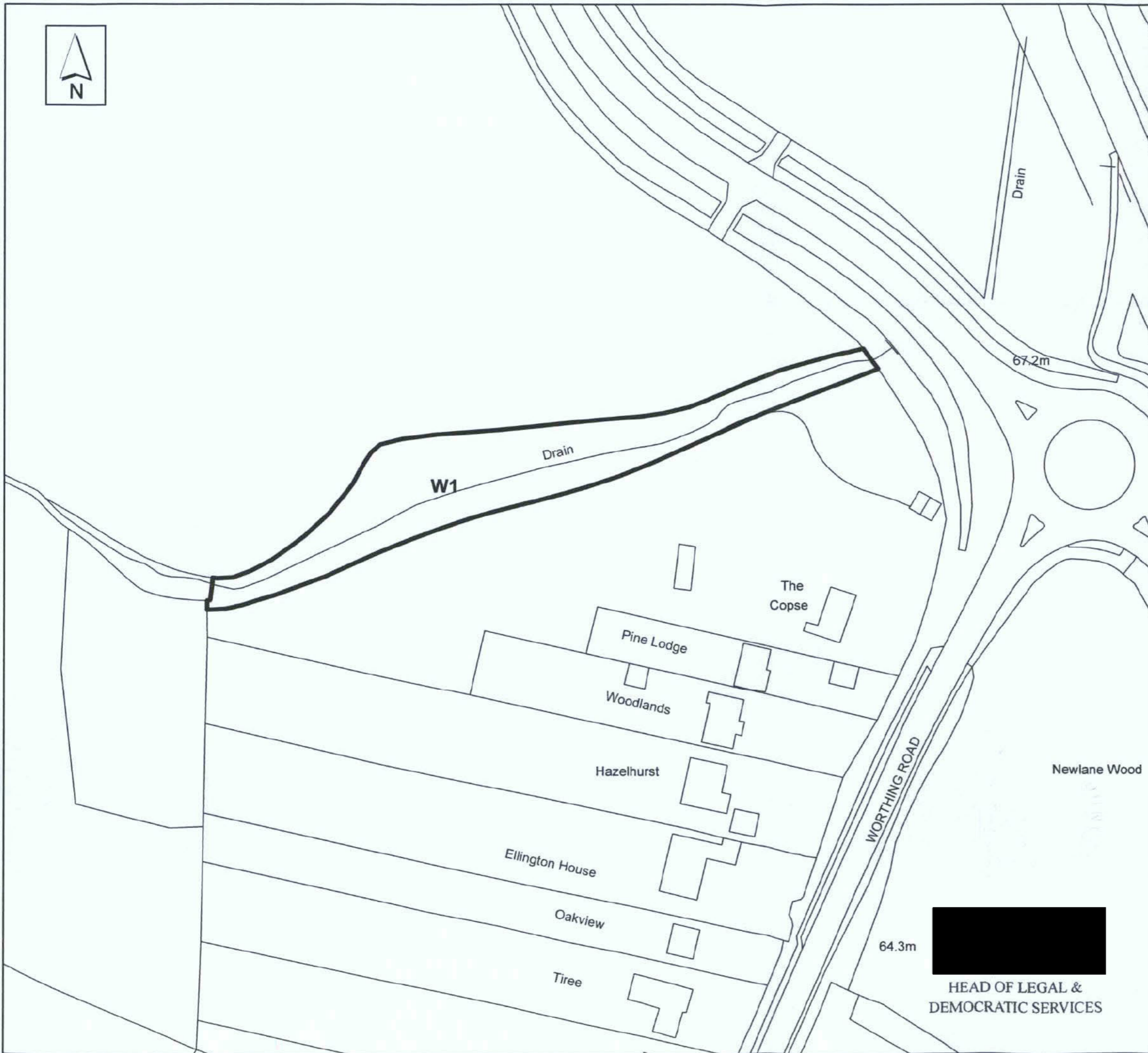
DATED 19th June, 2015

TOWN AND COUNTRY PLANNING ACT 1990

**The
Woodland off Worthing Road, Southwater**

TREE PRESERVATION ORDER 2015

The Horsham District Council, in exercise of the powers conferred on them by section 198 of the Town & Country Planning Act 1990 make the following Order



WOODLAND:
(encircled by a black line on the map)

W1: Mixed Woodland

THIS IS THE PLAN REFERRED TO IN THE
HORSHAM DISTRICT COUNCIL

Woodland off Worthing Road,
Southwater

516028E 128198N

TREE PRESERVATION ORDER 2015

Reference No : TPO1477

Date : 15/06/2015

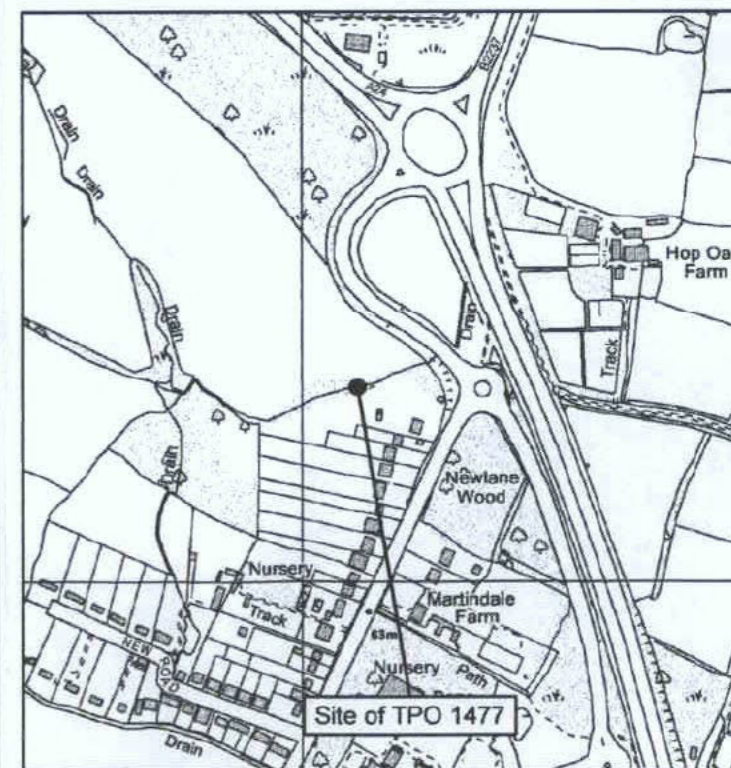
Scales : 1:1,000 & 1:8,000

Drawn : KA

Checked : WJ

Drawing No :

Revisions :



Horsham District Council

Parkside, Chart Way, Horsham
West Sussex RH12 1RL

Chris Lyons : Director of Planning, Economic Development & Property

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HEAD OF LEGAL &
DEMOCRATIC SERVICES

SCHEDULE

SPECIFICATION OF TREES

Trees specified individually (encircled in black on the map)

| Reference on map | Description | Situation |
|------------------|-------------|-----------|
| None | None | None |

Trees specified by reference to an area (within a dotted black line on the map)

| Reference on map | Description | Situation |
|------------------|-------------|-----------|
| None | None | None |

Groups of trees (within a broken line on the map)

| Reference on map | Description (including numbers of trees in the group) | Situation |
|------------------|---|-----------|
| None | None | None |

Woodlands (within a continuous black line on the map)

| Reference on map | Description | Situation |
|------------------|----------------|------------------------------|
| W1 | Mixed woodland | Position as indicated on map |