

# RMTTree Consultancy Ltd

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## **BS5837:2012 Arboricultural Survey Impact Assessment & Arboricultural Method Statement**

**Site Address:  
Caversham Court Gardens  
Caversham  
Reading**

**Robert Toll**  
HND Urban Forestry - ND Forestry - MArborA  
Ref: RMT2075  
Site inspection date: 23<sup>rd</sup> June 2026  
Date report published: 30<sup>th</sup> June 2026  
Prepared for Reading Borough Council



**PRO2239**

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## 1 Instructions

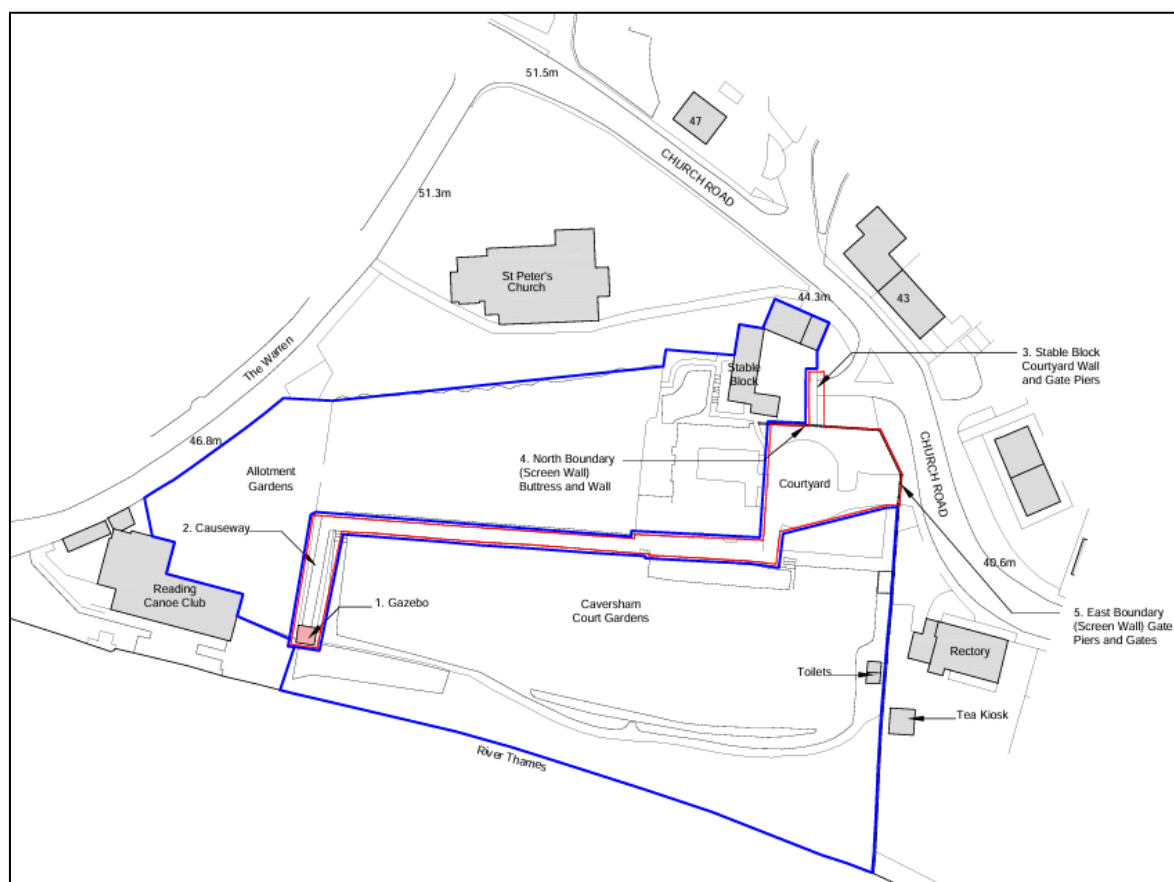
- 1.1 On the 15<sup>th</sup> June 2026 I was instructed by the Culture and Heritage Projects Manager to undertake a survey of trees that are on or adjacent to Caversham Court Gardens, Caversham, Reading in accordance with *British Standard 5837:2012 Trees in relation to design, demolition and construction – Recommendations*.
- 1.2 I am a qualified arboriculturalist as it is detailed at **Appendix 6** and this report has been produced in support of a planning application to Reading Borough Council for Repair and conservation work to the Gazebo, Causeway, Stable Block boundary wall and gate piers, east (screen) wall gates and gates opening and buttress to the adjacent garden wall.

## 2 Introduction

### Site Description

- 2.1 Caversham Court Gardens is a park located on the northern bank of the River Thames. The north-eastern corner of the site is characterised by walls and a gravel with areas of soft landscaping. The wider site is characterised by sloping lawns and a terrace and a listed Gazebo and Causeway along the western border of the proposal site.

**Image 1** – The wider Caversham Court Gardens, site is outlined blue with the proposal site outlined red.



## Limitations

- 2.2 The survey was carried out at ground level using a Bosch GLM 120 C Professional Laser Measure for distance measurements, a Nikon Forestry Pro for height measurements, and a diameter tape.
- 2.3 Prior to visiting the site, no topographical survey was supplied.
- 2.4 Trees, groups and hedges T1 – H27 have been plotted on the plans as accurately as possible based on the arboriculturalist's observations.
- 2.5 Measurements required for calculating root protection areas and canopy spreads were obtained wherever practicable. In locations where access was not feasible, dimensions have been estimated.
- 2.6 Diameter measurements were taken at 1.5 m above ground level using a diameter tape wherever practicable. Where measurement at this height was not possible—owing to dense ivy cover, off-site tree locations, or other access constraints—an estimated value was recorded. All estimated measurements are clearly identified with “estimated” or “est” in the tree survey schedule at **Appendix 2**.
- 2.7 In some instances the diameter measurement has been taken at a height other than 1.5m due to such things as low fork unions. Where this has occurred, I have detailed this in the tree survey schedule shown at **Appendix 2**.
- 2.8 This report does not constitute a tree safety assessment. If there are concerns about the risk posed by any trees to persons or property, a separate tree condition inspection should be commissioned.

## Legal Restrictions

- 2.9 I have not contacted the local planning authority (LPA) to determine whether the trees on or adjacent to the site are protected by Tree Preservation Orders (TPOs) or located within a Conservation Area.
- 2.10 On the 24<sup>th</sup> June 2026 I carried out a check on the Reading Borough Council online protected tree maps it indicates that site is within the St Peter's Conservation Area. A TPO check was carried out using a the Reading Borough Council TPO directory and this did not indicate that trees are under the protection of a TPO. However, it is recommended that contacting the LPA directly should be carried out to provide clarification.
- 2.11 Trees protected by a TPO or Conservation Area benefit from statutory protection and no work can be carried out to them (including cutting roots, branches or felling) without the written consent of the LPA. In the event that planning permission is granted and trees are shown as removed or requiring works to facilitate development then this overrides the protection afforded by a TPO or Conservation Area. The removal of deadwood, the removal of dead trees or works to trees that are urgently necessary to remove an immediate risk of serious harm, can be carried out under exemption and without the submission of a formal application. Trees that are owned and managed by Reading Borough Council are exempt from the requirement to submit a Section 211 notice for works within a Conservation Area. As the Local Planning Authority, Reading

Borough Council is able to undertake works to its own trees under its statutory powers, without the need to formally notify its own planning department in the same manner required of third parties.

- 2.12** Trees protected by a TPO or Conservation Area does not inevitably necessitate that trees are worthy of being a material constraint as part of a planning application. Trees can be protected but due to any number of reasons, such as poor structural or physiological condition, have become unsuitable for retention. Additionally, a planning approval consequentially overrides these forms of statutory protection.
- 2.13** In certain circumstances the felling of trees is controlled under the Forestry Act 1967, which requires that a valid Felling Licence be obtained from the Forestry Commission prior to the removal of most trees, unless an exemption applies. Exemptions may include limited volumes of timber, works necessary for development with full planning permission, or the removal of dead, dying, or dangerous trees. Failure to comply with the Act may result in enforcement action, including restocking requirements and legal penalties.
- 2.14** It is an offence under the Wildlife and Countryside Act 1981 and the Rights of Way Act 2000 to disturb nesting birds or roosting/breeding bats. When carrying out tree work care should be taken to avoid disturbance. If necessary, advice should be taken to avoid disturbance. If necessary, advice may need to be sought from a qualified Ecologist.

### Tree survey

- 2.15** I visited the site on the 24<sup>th</sup> June 2026 and surveyed a total of twenty-three trees, two groups and two hedges. The surveyed trees, groups and hedges have been categorised in accordance with British Standard 5837:2012 as shown at **Appendix 1** and the tree survey schedule can be seen at **Appendix 2**.
- 2.16** At the time of my survey three trees are considered to be category A and high value, nine trees and two groups are considered to be category B and moderate value. The remaining trees, groups and hedges are considered to be category C or U and low value.

**Table 1 – Tree categorisations as BS5837:2012**

| Category A   | Category B                                            | Category C                                                        | Category U |
|--------------|-------------------------------------------------------|-------------------------------------------------------------------|------------|
| T8, T11, T20 | T1, T2, T3, T5, G7,<br>T9, T10, T13, T14,<br>T18, G21 | T4, T6, T12, T15,<br>T16, T17, T22,<br>T23, T24, T25,<br>G26, G27 | T19        |

- 2.17** Other trees were observed on or adjacent to Caversham Court Gardens, Caversham, Reading but have not been included within this report. Their exclusion is based on the assessment that they:
- are located far enough from the proposed development to avoid impact;
  - will receive suitable protection through the measures designated for the surveyed trees;
  - are of limited arboricultural significance;

## Canopy spreads

- 2.18** The canopy spreads have annotated on the tree constraints plan and tree protection plans at **Appendix 3**.

## Root protection area (RPA) definition

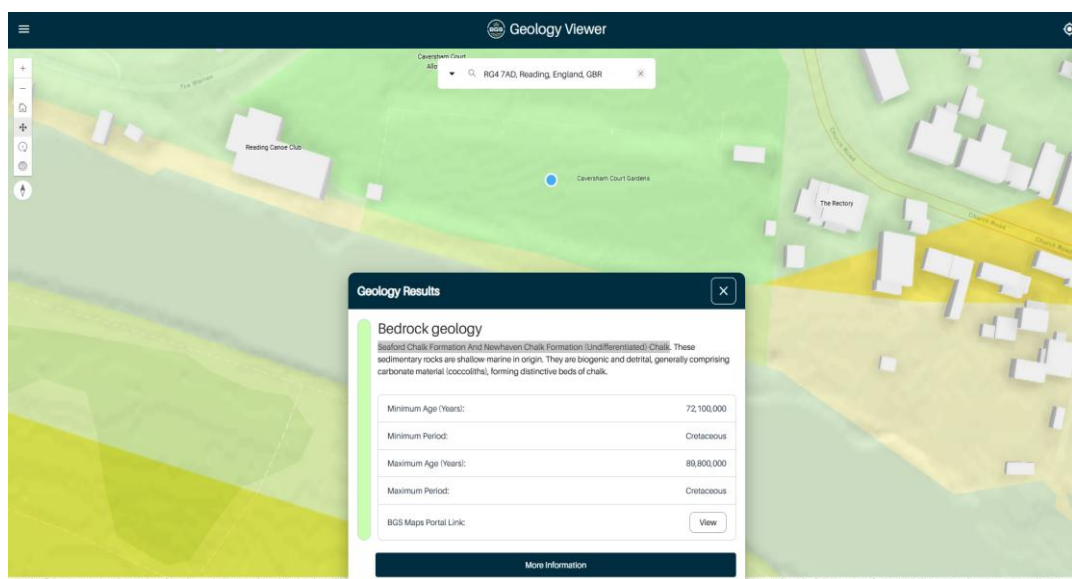
- 2.19** The RPA is a layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability and where the protection of the roots and soil structure are treated as a priority.

*(British Standard 5837:2012 – Trees in relation to design, demolition and construction – Recommendations – The British Standard Institute 2012).*

## 3 Soil Assessment

- 3.1** The soil assessment is necessary to establish whether the soil on the proposal site is shrinkable. Tree roots and those of other vegetation have the potential to extract moisture from shrinkable soils such as clay, making the soil expand and contract as the soil desiccates and re-hydrates. Where new structures are proposed on shrinkable soils and close to trees, foundations will need to be sufficiently deepened or able to withstand to minimise the risk of indirect damage to foundations.
- 3.2** No soil assessments have been provided however a check the British Geological Survey gives the soil type as Seaford Chalk Formation and Newhaven Chalk Formation (Undifferentiated)-Chalk. This means that the underlying soil is potentially non shrinkable and as such foundations should not need to be deepened. If further assessments are undertaken that show that there is shrinkable clay, then foundations must be designed in accordance with the guidance within the National House Building Council's Standards Chapter 4.2 Building near trees.

**Figure 1** – The British Geological Survey indicates that the soil make up at Caversham Court Gardens, Caversham, Reading is shrinkable Seaford Chalk Formation And Newhaven Chalk Formation (Undifferentiated)-Chalk.



## 4 Arboricultural Method Statement

### Access facilitation works

- 4.1 Remedial works will be required to trees T2, T3, T5, G21, t24, T25 and H26. These works are necessary to provide adequate clearances over or away from structures for restoration work and associated access requirements. Clearing foliage away from structures will reduce the risk of ongoing wear or impact damage occurring. The specific works have been set out at **Appendix 2**.
- 4.2 The agreed pruning works will be carried out as preliminary works as detailed at **Appendix 2**. These works will be carried out by suitably qualified arborists to the standards set out in BS3998: 2010 Tree works – recommendations. Heavy machinery must not be used on unprotected ground.

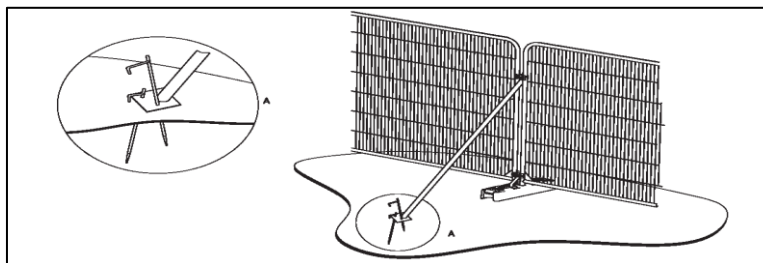
### Pre-commencement meeting

- 4.3 Prior to the commencement of development all tree protection will be erected and a site meeting will be held between the appointed building contractors and local authority Tree Officer as it is stipulated at **Appendix 4** (if strictly required via planning conditions). This meeting is necessary to agree that the position of the tree protection is correct.

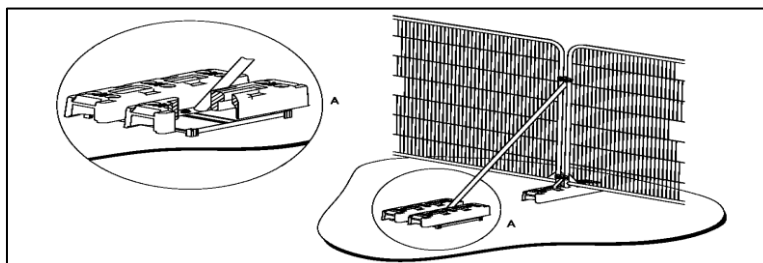
### Protective barriers/fencing

- 4.4 All tree protection barriers will be erected in the positions shown in **Appendix 3** and in accordance with the specifications detailed in Figures 2 and 3.

**Figures 2 and 3 – Examples of above-ground stabilizing systems**



a) Stabilizer strut with base plate secured with ground pins



b) Stabilizer strut mounted on block tray

*Image taken from British Standard 5837:2012 – Trees in relation to design, demolition and construction – Recommendations.*

## Lesser protective barriers/fencing

- 4.5** All lesser tree protection barriers will be erected in the positions shown by red lines at **Appendix 3** and in accordance with the specifications detailed in Figures 4 or 5.

**Figure 4** – Plastic mesh barrier fencing



**Figure 5** – Chestnut pale fencing



## Warning signs

- 4.6 All weather notices will be attached to the tree protection fencing.

**Figure 6** – Examples of tree protection warning sign



## Temporary ground protection within RPAs

- 4.7 A permeable geotextile such as Terram will be laid and onto this will be placed treated timber (100 mm x 80 mm) at spacings of no more than 1m. The area between the timber bearers will be filled with a compressible material such as woodchips and will then be covered by 20 mm thick marine ply which will be screwed down onto the timber (Figures 7 and 8). The plywood may need to be coated with a non-slip paint.

**Figure 7** – Specification for ply board ground protection

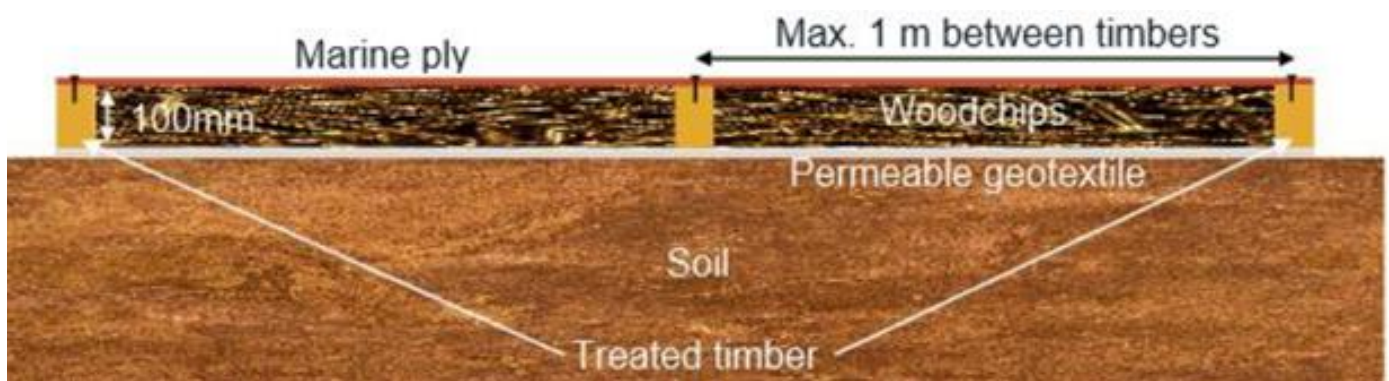


**Figure 8** – Plywood sheeting used as ground protection



- 4.8** Single thickness of scaffold boards placed on top of driven scaffold frame to form a suspended walkway (Figure 9).

**Figure 9** – Specification for scaffold ground protection



- 4.9** Development can commence in accordance with the planning consent.
- 4.10** As each section of the restoration is completed, the tree protection can be dismantled to reduce disruption to the use of the park. However, the protection for access through the main gates must remain until all access for the restoration has ceased.
- 4.11** Following completion of all development the tree protection can be dismantled to allow landscaping works to take place.

## **Conclusions**

- 4.12** I visited Caversham Court Gardens, Caversham, Reading on the 23<sup>rd</sup> June 2026 and surveyed a total of twenty-three trees, two groups and two hedges in accordance with BS5837: 2012.
- 4.13** At the time of my survey three trees were considered to be category A and high value, nine trees and two groups were considered to be category B and moderate value. The remaining trees and hedges were considered to be category C or U and low value.
- 4.14** All trees were categorised in accordance with British Standard 5837:2012 as shown at **Appendix 1**.
- 4.15** The restoration works will not require the removal of trees.
- 4.16** Remedial works will be required to T2, T3, T5 G21, T24, T25 and H26 to facilitate the restoration works and these have detailed at **Appendix 3**.
- 4.17** The trees to be retained will be protected during development and methods for ensuring their protection have been described.
- 4.18** The development is sympathetic to the leafy character of the area.

## Appendix 1 – British Standard 5837:2012 tree categorisation chart

| TREES UNSUITABLE FOR RETENTION                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                    |                                                                                                                                       |                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| CATEGORY AND DEFINITIONS                                                                                                                                                      |  | CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                    | IDENTIFICATION ON PLAN                                                                                                                |                                                                                                                    |
| <b>Category U</b><br><br>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 |  | <ul style="list-style-type: none"><li>• 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).</li><li>• Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline.</li><li>• 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.</li></ul><br><i>NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5 of BS5837:2012</i> |                                                                                                                                                                                                                                                                    | RED <br>RGB 127.000.000                            |                                                                                                                    |
| TREES TO BE CONSIDERED FOR RETENTION                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                    |                                                                                                                                       |                                                                                                                    |
| CATEGORY AND DEFINITIONS                                                                                                                                                      |  | CRITERIA - SUBCATEGORIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                    |                                                                                                                                       | IDENTIFICATION ON PLAN                                                                                             |
|                                                                                                                                                                               |  | 1 Mainly arboricultural values                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2 Mainly landscape values                                                                                                                                                                                                                                          | 3 Mainly cultural values, including conservation                                                                                      |                                                                                                                    |
| <b>Category A</b><br><b>Trees of high quality</b><br>with an estimated remaining life expectancy of at least 40 years                                                         |  | 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 of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture) | LIGHT GREEN <br>RGB 000.255.000 |
| <b>Category B</b><br><b>Trees of moderate quality</b><br>with an estimated remaining life expectancy of at least 20 years                                                     |  | 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                                                                              | MID BLUE <br>RGB 000.000.255  |
| <b>Category C</b><br><b>Trees of low quality</b><br>with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm        |  | 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 <br>RGB 091.091.091      |

## Appendix 2 - Tree survey schedule

agl:above ground level – c:circa – gl:ground level

| Tree No. | Species                                       | Height (m) | Trunk dia. at 1.5m | Canopy Spread                          | Crown Height (m) | Age Class | Physiological Condition | Structural Condition | Comments/ Recommendations                                                                                                                                     | Useful Life Expect | BS5837 grade | Root Protection Area |                     |
|----------|-----------------------------------------------|------------|--------------------|----------------------------------------|------------------|-----------|-------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|----------------------|---------------------|
|          |                                               |            |                    |                                        |                  |           |                         |                      |                                                                                                                                                               |                    |              | Radius               | RPA Area            |
| T1       | Small-Leafed Lime<br>( <i>Tilia cordata</i> ) | 28m        | 970mm              | N7m<br>E4.5m<br>S6m<br>W6m             | 7m               | Mature    | Good                    | Fair                 | Crown has been previously reduced.                                                                                                                            | 20+                | B            | 11.6m                | 425.7m <sup>2</sup> |
| T2       | Small-Leafed Lime<br>( <i>Tilia cordata</i> ) | 18m        | 822mm              | N5.5m<br>E3.5m<br>S5m<br>W7m           | 2m               | Mature    | Good                    | Fair                 | Crown has been previously reduced.<br><br><b>Works required for development:</b><br>Crown lift the western crown to provide 5m clearance above the access.    | 20+                | B            | 9.9m                 | 305.7m <sup>2</sup> |
| T3       | Common Yew<br>( <i>Taxus baccata</i> )        | 10m        | 440mm<br>378mm     | N3m<br>E5m<br>S5m<br>W4.5m             | 2m               | Mature    | Good                    | Good                 | <b>Works required for development:</b><br>Crown lift the northern crown to provide 5m clearance above ground level.                                           | 20+                | B            | 7.0m                 | 152.2m <sup>2</sup> |
| T4       | Black Mulberry<br>( <i>Morus nigra</i> )      | 4m         | 106mm              | N1.5m<br>E1m<br>SE3.5m<br>S4m<br>W3.5m | 1.5m             | Young     | Fair                    | Good                 | Unremarkable tree. Fair vitality demonstrated by less than normal foliage density.                                                                            | 10+                | C            | 1.3m                 | 5.1m <sup>2</sup>   |
| T5       | Small-Leafed Lime<br>( <i>Tilia cordata</i> ) | 20m        | 820mm              | N6m<br>E6m<br>S5m<br>W4m               | 2m               | Mature    | Good                    | Fair                 | Crown has been previously reduced.<br><br><b>Works required for development:</b><br>Crown lift the southern crown to provide 5m clearance above ground level. | 20+                | B            | 9.8m                 | 304.2m <sup>2</sup> |

| Tree No. | Species                                                                   | Height (m) | Trunk dia. at 1.5m | Canopy Spread                      | Crown Height (m) | Age Class    | Physiological Condition | Structural Condition | Comments/ Recommendations                                                | Useful Life Expect | BS5837 grade | Root Protection Area |                     |
|----------|---------------------------------------------------------------------------|------------|--------------------|------------------------------------|------------------|--------------|-------------------------|----------------------|--------------------------------------------------------------------------|--------------------|--------------|----------------------|---------------------|
|          |                                                                           |            |                    |                                    |                  |              |                         |                      |                                                                          |                    |              | Radius               | RPA Area            |
| T6       | Black Mulberry ( <i>Morus nigra</i> )                                     | 6m         | 193mm              | N3.5m<br>E2.5m<br>S2.5m<br>W4m     | 2m               | Young        | Good                    | Good                 |                                                                          | 10+                | C            | 2.3m                 | 16.9m <sup>2</sup>  |
| G7       | Group of Common Yew (x3)                                                  | 15m        | Max 800mm est      | N7m<br>E7m<br>S7m<br>W7m           | 3.5m             | Mature       | Fair                    | Good                 | Fair vitality demonstrated by slightly less than normal foliage density. | 20+                | B            | 9.6m                 | 289.5m <sup>2</sup> |
| T8       | Black Walnut ( <i>Juglans nigra</i> )                                     | 22m        | 635mm              | N9m<br>E7.6m<br>S8m<br>W9m         | 2m               | Mature       | Good                    | Good                 |                                                                          | 40+                | A            | 7.6m                 | 182.4m <sup>2</sup> |
| T9       | Pagoda Tree ( <i>Sophora japonica</i> )                                   | 14m        | 405mm              | N6m<br>NE4m<br>E6m<br>S5.5m<br>W6m | 2m               | Mature       | Good                    | Good                 |                                                                          | 20+                | B            | 4.9m                 | 74.2m <sup>2</sup>  |
| T10      | Variegated Tulip Tree ( <i>Liriodendron tulipifera</i> 'Aureomarginatum') | 14m        | 400mm              | N6m<br>E6m<br>S6m<br>W5m           | 2m               | Early mature | Good                    | Good                 | Medium sized deadwood 25mm to 100mm.                                     | 20+                | B            | 4.8m                 | 72.4m <sup>2</sup>  |
| T11      | Turkey Oak ( <i>Quercus cerris</i> )                                      | 20m        | 624mm              | N7m<br>E6.5m<br>S7.5m<br>W8m       | 2m               | Mature       | Good                    | Good                 |                                                                          | 40+                | A            | 7.5m                 | 176.1m <sup>2</sup> |

| Tree No. | Species                                   | Height (m) | Trunk dia. at 1.5m | Canopy Spread                                | Crown Height (m) | Age Class | Physiological Condition | Structural Condition | Comments/ Recommendations                                                                                                                                                                                                                                                                                                                                                                                    | Useful Life Expect | BS5837 grade | Root Protection Area |                     |
|----------|-------------------------------------------|------------|--------------------|----------------------------------------------|------------------|-----------|-------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|----------------------|---------------------|
|          |                                           |            |                    |                                              |                  |           |                         |                      |                                                                                                                                                                                                                                                                                                                                                                                                              |                    |              | Radius               | RPA Area            |
| T12      | Cedar of Lebanon ( <i>Cedrus libani</i> ) | 23m        | 1000mm             | N9.5m<br>NE9m<br>E7m<br>SE7m<br>S5m<br>W7.5m | 2m               | Mature    | Good                    | Fair                 | Medium sized deadwood 25mm to 100mm.<br>The tree includes a Large, western low-level lateral scaffold limb at 2m exhibiting curved compression growth forming a secondary ascending apical growth.<br>Various bark wounds on buttressing with visible decay on north-eastern and southern buttressing.<br>Area of raised bark and wounding on the northern side of the main stem between gl and 1m x w500mm. | 10+                | C            | 12.0m                | 452.4m <sup>2</sup> |
| T13      | Sycamore ( <i>Acer pseudoplatanus</i> )   | 18m        | 609mm              | N7m<br>E5m<br>S6.5m<br>W6m                   | 2m               | Mature    | Good                    | Good                 |                                                                                                                                                                                                                                                                                                                                                                                                              | 20+                | B            | 7.3m                 | 167.8m <sup>2</sup> |
| T14      | Norway Maple ( <i>Acer platanoides</i> )  | 13m        | 514mm<br>ivy       | N6.5m<br>NE8m<br>E6.5m<br>S7m<br>W7m         | 2m               | Mature    | Good                    | Good                 | Medium sized deadwood 25mm to 100mm.                                                                                                                                                                                                                                                                                                                                                                         | 20+                | B            | 6.2m                 | 119.5m <sup>2</sup> |
| T15      | Sycamore ( <i>Acer pseudoplatanus</i> )   | 18m        | 714mm              | N6m<br>E6.5m<br>S6m<br>W2.4m                 | 3m               | Mature    | Fair                    | Good                 | Fair vitality demonstrated by distal dieback within crown.                                                                                                                                                                                                                                                                                                                                                   | 10+                | C            | 8.6m                 | 230.6m <sup>2</sup> |

| Tree No. | Species                                                 | Height (m) | Trunk dia. at 1.5m | Canopy Spread                  | Crown Height (m) | Age Class | Physiological Condition | Structural Condition | Comments/ Recommendations                                                                     | Useful Life Expect | BS5837 grade | Root Protection Area |                     |
|----------|---------------------------------------------------------|------------|--------------------|--------------------------------|------------------|-----------|-------------------------|----------------------|-----------------------------------------------------------------------------------------------|--------------------|--------------|----------------------|---------------------|
|          |                                                         |            |                    |                                |                  |           |                         |                      |                                                                                               |                    |              | Radius               | RPA Area            |
| T16      | Common Yew<br>( <i>Taxus baccata</i> )                  | 12m        | 550mm est          | N7m<br>E6m<br>S5m<br>W5m       | 2m               | Mature    | Fair                    | Good                 | Vegetation impedes survey.<br>Fair vitality demonstrated by less than normal foliage density. | 10+                | C            | 6.6m                 | 136.8m <sup>2</sup> |
| T17      | Pin Oak<br>( <i>Quercus palustris</i> )                 | 7m         | 140mm              | N3.5m<br>E3.5m<br>S2m<br>W3.5m | 2m               | Young     | Good                    | Good                 |                                                                                               | 10+                | C            | 1.7m                 | 8.9m <sup>2</sup>   |
| T18      | Blue Atlas Cedar<br>( <i>Cedrus atlantica</i> 'Glauca') | 18m        | 615mm              | N7m<br>E6m<br>S6m<br>W5.5m     | 1.5m             | Mature    | Good                    | Good                 |                                                                                               | 20+                | B            | 7.4m                 | 171.1m <sup>2</sup> |

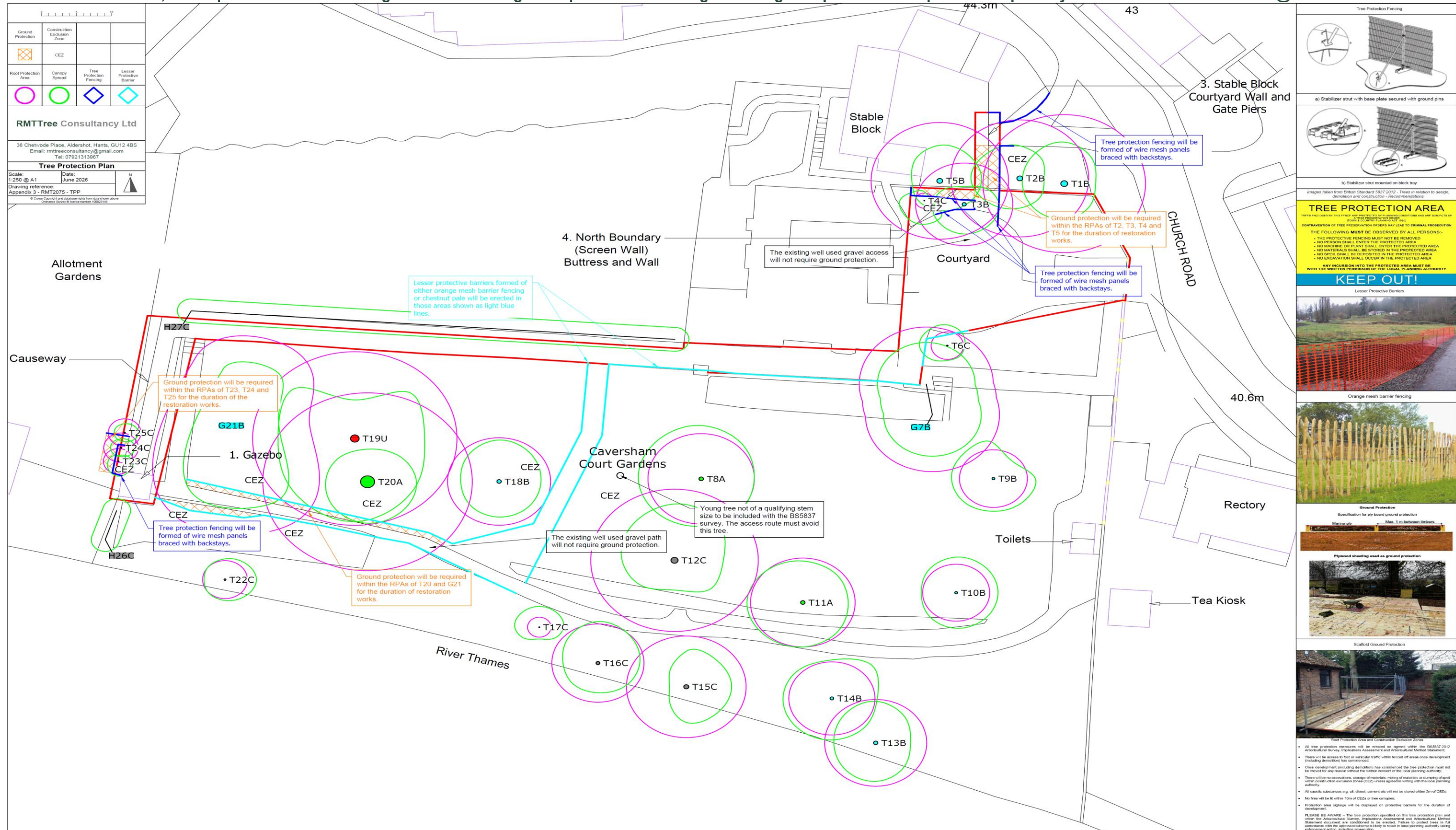
| Tree No. | Species                                              | Height (m) | Trunk dia. at 1.5m | Canopy Spread                                   | Crown Height (m)                 | Age Class | Physiological Condition | Structural Condition | Comments/ Recommendations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Useful Life Expect | BS5837 grade | Root Protection Area |          |
|----------|------------------------------------------------------|------------|--------------------|-------------------------------------------------|----------------------------------|-----------|-------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|----------------------|----------|
|          |                                                      |            |                    |                                                 |                                  |           |                         |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |              | Radius               | RPA Area |
| T19      | Copper Beech<br>( <i>Fagus sylvatica</i> 'Purpurea') | 21m        | 1220mm             | N6.5m<br>NE11m<br>E10m<br>S14m<br>W11m<br>NW12m | N6m<br>NE2m<br>E6m<br>S1m<br>W2m | Mature    | Good                    | Fair                 | Long and extended north-western lateral limb at 4m agl. Various openings with decay and cavity formation which potentially form a significant internal central cavity. Decay on northern side of western primary limb at 6m and at main union appears consistent with <i>Ustulina deusta</i> . Opening immediately below decay with potential cavity formation. 300mm opening on the eastern side of the main stem at 5m with significant decay and cavity. 100mm dia opening on the eastern side of the main stem at 2m has indications of <i>Kretzschmaria deusta</i> . | <10                | U            | 14.6m                | 673.3m²  |
| T20      | Wellingtonia<br>( <i>Sequoiadendron giganteum</i> )  | 33m        | 2007mm             | N5.5m<br>E7m<br>S7m<br>W6m                      | N5m<br>E5m<br>S2m<br>W5m         | Mature    | Good                    | Good                 | Large limb previously removed on western side at 2m with cambial dieback and lifting bark below the remaining stub.                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 40+                | A            | 15.0m                | 706.9m²  |

| Tree No. | Species                                         | Height (m) | Trunk dia. at 1.5m | Canopy Spread                  | Crown Height (m) | Age Class   | Physiological Condition | Structural Condition | Comments/ Recommendations                                                                                                                                                                                                                                                                          | Useful Life Expect | BS5837 grade | Root Protection Area |                     |
|----------|-------------------------------------------------|------------|--------------------|--------------------------------|------------------|-------------|-------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|----------------------|---------------------|
|          |                                                 |            |                    |                                |                  |             |                         |                      |                                                                                                                                                                                                                                                                                                    |                    |              | Radius               | RPA Area            |
| G21      | Group of Common Yew                             | 12m        | Max 700mm est      | N4m<br>E4m<br>S4m<br>W4m       | 0.5m             | Mature      | Good                    | Good                 | <b>Works required for development:</b><br>Crown lift over footpath to 3m above ground level.                                                                                                                                                                                                       | 20+                | B            | 8.4m                 | 221.7m <sup>2</sup> |
| T22      | Weeping Willow ( <i>Salix babylonica</i> )      | 7m         | 267mm              | N3.5m<br>E4.5m<br>S3.5m<br>W3m | 0.5m             | Semi mature | Good                    | Good                 | Unremarkable tree.                                                                                                                                                                                                                                                                                 | 10+                | C            | 3.2m                 | 32.3m <sup>2</sup>  |
| T23      | Large-Leafed Lime ( <i>Tilia platyphyllos</i> ) | 7m         | 179mm              | N1m<br>E2m<br>S2.5m<br>W1.5m   | 2m               | Young       | Good                    | Fair                 | Pleached specimen.                                                                                                                                                                                                                                                                                 | 10+                | C            | 2.1m                 | 14.5m <sup>2</sup>  |
| T24      | Large-Leafed Lime ( <i>Tilia platyphyllos</i> ) | 7m         | 206mm              | N1.5m<br>E2m<br>S1.5m<br>W1.5m | 2m               | Young       | Good                    | Fair                 | Pleached specimen.<br><br><b>Works required for development:</b><br>Carryout pleach management to the eastern and western spreads to provide clearances from the causeway and crown lift northern and southern spreads to provide 3m above ground level. Do not damage pleached form and laterals. | 10+                | C            | 2.5m                 | 19.2m <sup>2</sup>  |

| Tree No. | Species                                                    | Height (m) | Trunk dia. at 1.5m | Canopy Spread                  | Crown Height (m) | Age Class   | Physiological Condition | Structural Condition | Comments/ Recommendations                                                                                                                                                                                                                                                                          | Useful Life Expect | BS5837 grade | Root Protection Area |                    |
|----------|------------------------------------------------------------|------------|--------------------|--------------------------------|------------------|-------------|-------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|----------------------|--------------------|
|          |                                                            |            |                    |                                |                  |             |                         |                      |                                                                                                                                                                                                                                                                                                    |                    |              | Radius               | RPA Area           |
| T25      | Large-Leafed Lime<br>( <i>Tilia platyphyllos</i> )         | 7m         | 195mm              | N1.5m<br>E2m<br>S1.5m<br>W1.5m | 2m               | Young       | Good                    | Fair                 | Pleached specimen.<br><br><b>Works required for development:</b><br>Carryout pleach management to the eastern and western spreads to provide clearances from the causeway and crown lift northern and southern spreads to provide 3m above ground level. Do not damage pleached form and laterals. | 10+                | C            | 2.3m                 | 17.2m <sup>2</sup> |
| H26      | Hedge consisting of Common Yew<br>( <i>Taxus baccata</i> ) | 5m         | -                  | N2m<br>E2m<br>S2m<br>W2m       | 0m               | Semi mature | Good                    | Good                 | Hedge.<br><br><b>Works required for development:</b><br>Reduce back from Gazebo elevations to provide 2m clearance for scaffolding.                                                                                                                                                                | 10+                | C            | -                    | -                  |
| H27      | Hedge consisting of Common Yew<br>( <i>Taxus baccata</i> ) | 5m         | -                  | N2m<br>E2m<br>S2m<br>W2m       | 0.5m             | Mature      | Good                    | Good                 | Hedge.                                                                                                                                                                                                                                                                                             | 10+                | C            | -                    | -                  |

### Appendix 3 – Tree Protection Plan – RMT2075 – TPP

Tree protection plan (TPP) showing retained trees, tree numbers, root protection areas (magenta circles/polygons) and canopy spreads (green lines). The location of protective fencing is shown as blue lines, lesser protective barriers as light blue lines and ground protection as orange hatching. The plan has been provided separately as a PDF at a scale of 1: 250 @ A1.



#### Appendix 4 – Arboricultural site supervision schedule

| Activity                                                                                                                                                                                                                                                                   | Supervision Required |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Prior to the commencement of development all tree protection will be erected and a site meeting will be held between the appointed building contractors and local authority Tree Officer as it is stipulated at Appendix 4 (if strictly required via planning conditions). | ✓                    |
| At any time that there are conflict issues with the agreed tree protection.                                                                                                                                                                                                | ✓                    |

Following every visit the appointed arboriculturalist will fill out the site monitoring form which is shown at **Appendix 5** and this will be forwarded to the LPA.

## Appendix 5 – Site monitoring form

|                                                                                                                  |  |                  |  |
|------------------------------------------------------------------------------------------------------------------|--|------------------|--|
| <b>RMTTree Consultancy Ltd</b>  |  |                  |  |
| <b>Site monitoring form</b>                                                                                      |  |                  |  |
| <b>Date of visit</b>                                                                                             |  | <b>Site</b>      |  |
| <b>Consultant in attendance</b>                                                                                  |  |                  |  |
| <b>Observations/status of tree protection/comments:</b>                                                          |  |                  |  |
|                                                                                                                  |  |                  |  |
| <b>Recommendations (if necessary):</b>                                                                           |  |                  |  |
|                                                                                                                  |  |                  |  |
| <b>Date of next visit</b>                                                                                        |  | <b>Signature</b> |  |

## **Appendix 6 – Qualifications and experience**

Robert Toll has been working with trees since 2004 when he completed his studies.

In 2000 he began his studies at Riseholme College, Lincoln where achieved a pass with merit in Forestry at National Diploma level. In 2002 he attended Moulton College in Northampton where he gained a Level Five Higher National Diploma in Urban Forestry with merit.

In 2004 Robert began work as a temporary tree inspector at Northampton Borough Council, undertaking inspections of trees in response to enquiries from the public. After 4 months Robert took up a permanent tree inspector role at Coventry City Council which predominantly involved undertaking safety inspections of trees on school sites.

In 2006 Robert moved to Warwick District Council to take up a temporary post of Tree Protection Officer which involved reviewing old area tree preservation orders and identifying those trees which were considered worthy of protection under new specific orders. He also streamlined the council procedure for making new tree preservation orders, cutting the time from making to serving from up to 2 weeks to within 2 hours.

In 2008 Robert moved to Hart District Council, Hampshire to take up the role of Tree Officer within the planning department. This role included determining works trees applications, commenting on planning proposals, liaising with the public and providing arboricultural advice to other departments within the Council.

Between 2014 and 2016 Robert took up the role of Tree Officer at Elmbridge Borough Council, Surrey, once again carrying out tasks such as determining works trees applications, commenting on planning proposals and liaising with the public. While at Elmbridge Borough Council he passed the Arboricultural Association's Professional Tree Inspection course.

Robert is a professional member of the Arboricultural Association.