

November 2018  
CBA10677 v11

English Heritage

# ARBORICULTURAL DEVELOPMENT STATEMENT

Site:  
Marble Hill House and Park



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*The Complete Arboricultural Consultancy*



## ARBORICULTURAL DEVELOPMENT STATEMENT

Arboricultural Implications Assessment and Method Statement  
guided by recommendations within BS5837:2012

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|                            |   |
|----------------------------|---|
| Client:                    | English Heritage  |
| Site:                      | Marble Hill House and Park                                    |
| Arboricultural Consultant: | Stefan Rose <i>BSc (Hons), TechCert (Arbor.A), TechArborA</i> |
| Date:                      | November 2018   |

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### SUMMARY

There are development proposals to improve the existing café facilities at the park within the stable block area, improve the play facilities adjacent to the stable block and reinstate the landscaping around Marble Hill House and down towards the River Thames. The proposals aim to balance the historic significance of the site with the environmental potential of the park and an enhanced offer for a broader audience of park users; together these themes will enable a sustainable future for Marble Hill House Park to be developed. The impact of these works have been assessed broadly in accordance with BS5837:2012 “*Trees in Relation to Design, Demolition and Construction – Recommendations*”.

This Arboricultural Development Statement (ADS) will demonstrate the protection measures for the trees and should be read in association with the Tree Protection Plans CBA10677.02G TPP and CBA10677.03B TPP and the Tree Retention and Removal Plan CBA10677.04I TRP that identifies tree protection, removal and retention measures. It follows the initial tree survey and implications assessment.

The emphasis of the report is predominantly that of preservation and tree protection. It identifies methodologies to provide protection for trees, to ensure their healthy and safe retention during and post development, as guided by BS5837:2012 and current best practice.

The tree survey exercise identified 66 (sixty six) individual trees and 24 (twenty four) groups of trees. Within these groups, 234 (two hundred and thirty four) trees were considered worthy of note. The development works focus on three areas of the park; improving the existing café facilities within the stable block area; improving the play facilities adjacent to the stable block and reinstating the landscaping around Marble Hill House and down to the River Thames.

Improvements to the café facilities at the stable block will require the removal of 5 (five) noted trees within Group 3 (G3.48, G3.49, G3.50, G3.51 and G3.53).

Improvements to the play area adjacent to the stable block do not require any trees to be removed as a direct result of the works. One poor quality tree (T21) will be removed due to its condition.

The landscape reinstatement works to the four quarters around Marble Hill House and part of the grounds down towards the River Thames will require the management of these areas through the removal of a number of trees, the coppicing of trees, the retention of trees and the replanting of trees.

The south-east quadrant (Group 7) will require the removal of 69 (sixty nine) trees, the retention of 126 (one hundred and twenty six) trees and the coppicing of 10 (ten) trees.

The north-east quadrant (Group 8) will require the removal of 55 (fifty five) trees, the retention of 41 (forty one) trees and the coppicing of 6 (six) trees. (One tree has been removed since the original survey).

The north-west quadrant (Group 9) will require the removal of 73 (seventy three) trees, the retention of 67 (sixty seven) trees and the coppicing of 16 (sixteen) trees. (One tree has been removed since the original survey and one was a duplicate tree).

The south-west quadrant (Group 10) will require the removal of 80 (eighty) trees, the retention of 53 (fifty three) trees and the coppicing of 13 (thirteen) trees.

Tree 14 (already noted by English Heritage for removal) and Trees 21, 46, G3.28 and G3.30 are recommended for removal for reasons of sound arboricultural management regardless of any development proposals. Therefore the removal of these poor quality trees should not have a bearing on this development proposal. If the client wishes, G3.28 and G3.30 could be made safe and retained for habitat value as they stand within a group, subject to the acceptance of risk associated with the trees' health and condition.

CBA Trees believes that the trees highlighted for retention within this report can be retained without undue stress on their long-term health.

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**ARBORICULTURAL IMPLICATIONS ASSESSMENT**

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**SUPPORTING INFORMATION/APPENDICES:**

- CB1 Tree Survey Schedule including Root Protection Area Schedule
- CB2 Tree Survey Plan CBA10677.01B TSP
- CB3 Tree Protection Plan CBA10677.02G TPP  
Tree Protection Plan CBA10677.03B TPP  
Tree Retention and Removal Plan CBA10677.04I TRP
- CB4 Tree Works Schedule
- CB5 CBA Trees Woodland Quarter Tree Retention and Removal Plans:  
CBA10677.05 NW WQ TRRP  
CBA10677.06 NE WQ TRRP  
CBA10677.07 SW WQ TRRP  
CBA10677.08 SE WQ TRRP
- CB6 J&L Gibbons Landscape drawings:  
581\_PL\_L\_26\_NW Woodland Quarter  
581\_PL\_L\_27\_NE Woodland Quarter  
581\_PL\_L\_28\_SW Woodland Quarter  
581\_PL\_L\_29\_SE Woodland Quarter

**GUIDING PRINCIPLES/APPENDICES:**

- CB7 Tree Protection Guidance Leaflet  
Construction Exclusion Zone Site Notice  
Common Causes of Damage During Construction Works
- CB8 Qualifications and Experience

## **PART 1**

### **ARBORICULTURAL IMPLICATIONS ASSESSMENT**

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#### **1.0 INTRODUCTION**

- 1.1 There are development proposals to improve the existing café facilities at the park within the stable block area, improve the play facilities adjacent to the stable block and reinstate the landscaping around Marble Hill House and down towards the River Thames. The proposals aim to balance the historic significance of the site with the environmental potential of the park and an enhanced offer for a broader audience of park users; together these themes will enable a sustainable future for Marble Hill House Park to be developed. The impact of these works have been assessed broadly in accordance with BS5837:2012 *“Trees in Relation to Design, Demolition and Construction – Recommendations”*.
- 1.2 Document disclosure provided:
- Landscape Proposals by J&L Gibbons
  - Stable Block café Proposals by Van Heyningen and Haward Architects
- 1.3 The client and project architects and landscape architects provided the original site plans and locations of the trees, and these have been the basis for the production of subsequent plans. Whilst CBA Trees has had a limited input in defining the contents of the development plan, it broadly conforms to the requirements of BS5837:2012 *“Trees in Relation to Design, Demolition and Construction – Recommendations”* and current best practice advice.
- 1.4 Our advice has been sought on the principles of the development and landscape improvement works in relation to the potential impact on the existing tree stock, to inform and to facilitate the development layout.

#### **2.0 CLIENT'S BRIEF**

- 2.1 In line with our written quotation and verbal instructions, information has been compiled in accordance with BS5837:2012 and current best practice advice.
- To undertake a Tree Survey (schedule including Root Protection Areas appended at CB1).
  - To produce an AutoCAD compliant Tree Survey Plan that relies on the accuracy of the topographical survey provided by the client. (Plan CBA10677.01B TSP appended at CB2).
  - To undertake an Arboricultural Implications Assessment (AIA) of the proposed development provided by the client to identify which trees will be lost, which can be retained and suggest mitigating build techniques in order to retain trees.
  - Based on the above and further on-going discussions, to provide an Arboricultural Development Statement detailing the methodologies for the retention of the tree stock where feasible, in relation to the approved development layout including Tree Protection Plans (CBA10677.02G TPP and CBA10677.03B TPP and Tree Retention and Removal Plan (CBA10677.04I TRP) appended at CB3).

## **PART 1**

### **ARBORICULTURAL IMPLICATIONS ASSESSMENT**

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- 2.2 The advice provided has been formulated without discussion with the contractors, who at this stage have not been appointed. Once the main contractors are appointed, amendments to this statement may be required for construction purposes. All amendments will be assessed by the retained arboricultural consultant and approved in writing by London Borough of Richmond Council.

### **3.0 DESCRIPTION OF THE SITE**

- 3.1 Marble Hill House is an 18<sup>th</sup> century house and garden; the house itself is a Grade I listed building and the landscape is Grade II listed. The house stands relatively central to its immediately surrounding grounds. The overall site is accessed from Richmond Road that defines the northern boundary, with the River Thames defining the southern boundary.
- 3.2 Numerous trees and groups of trees grow across the site. Some of these trees may date back to when the Georgian house was built but many are planted or self-set trees that have since grown.
- 3.3 The site is mainly formed by large open spaces that are currently used as various sports fields with trees providing separation to these areas. The open space between the House and the river is currently a lawned garden area
- 3.4 The stable block café is located on the western boundary with the play area located to the south east of this.

### **4.0 THE TREE STOCK**

- 4.1 CBA Trees undertook a tree survey on 25<sup>th</sup>, 27<sup>th</sup> October, 2<sup>nd</sup> November 2016 and 9<sup>th</sup> May 2017. The tree survey exercise identified 66 (sixty six) individual trees and 24 (twenty four) groups of trees; within these groups a further 821 (eight hundred and twenty one) trees were noted and of these, 612 (six hundred and twelve) are within the four woodland quarters, namely Groups 7-10). The Tree Survey Schedule and Tree Survey Plan (CBA10677.01B TSP) are appended at CB1.
- 4.2 Since the initial surveys English Heritage have removed several trees. These are T13, T14, T46, G8.8 and G9.18. Therefore the tree numbers are as follows:
- 63 individual trees
  - 819 noted trees within groups
  - 610 noted trees within the woodland quarters

### **4.3 Tree Categorisation Method**

Category U = Trees in such a condition that any value would be lost within 10 years, or should be removed for reasons of sound arboricultural management.

## **PART 1**

### **ARBORICULTURAL IMPLICATIONS ASSESSMENT**

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**Note: BS5837:2012 states -**

***“Category U trees are 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.”***

- Category A = Trees of high quality and value: in such a condition as to make a substantial contribution, (40 years or more is recommended).
- Category B = Trees of moderate quality and value, capable of making a significant contribution for in excess of 20 years.
- Category C = Trees of low quality and value which might remain for a minimum of 10 years or young trees with stems of less than 150mm diameter.

**Note:**

***Trees under these categories are trees that should be a material consideration in the development process; the subcategories are intended to reflect arboricultural, landscape and cultural values respectively.***

- 4.4 For more details of the existing tree stock, refer to the Tree Survey Schedule (appended at CB1).

#### **5.0 TREE PRESERVATION ORDER/CONSERVATION AREA**

- 5.1 The London Borough of Richmond Council has confirmed that the site lies within the CA8 Twickenham Riverside Conservation Area but there are no Tree Preservation Orders protecting trees on the site at this time.
- 5.2 As trees can be legally protected at any time, checks with the London Borough of Richmond Council should be made prior to carrying out any tree works to see if a Tree Preservation Order has been served.

#### **6.0 PROPOSED TREE RETENTION AND TREE LOSS**

- 6.1 In accordance with the recommendations contained within BS5837:2012, an experienced arboriculturist has assessed the requirements for tree protection and the Root Protection Area (RPA). The implications of the proposed development are detailed below, along with any mitigating measures to ensure the retention of these trees.
- 6.2 As part of the assessment, dimensions have been scaled from the proposed Stable Block Café drawing no. 533-L-2010 Rev B by Van Heyningen and Haward Architects and drawing no. 581\_180821\_JLG\_Landscape Base provided by J&L Gibbons prepared and modified, to include the relevant Tree Survey data appended at CB3.



**PART 1**  
**ARBORICULTURAL IMPLICATIONS ASSESSMENT**

**7.0 SUMMARY OF ARBORICULTURAL IMPLICATIONS**

7.1 The following is a summary of arboricultural implications as indicated on Tree Protection Plans CBA10677.02G TPP and CBA10677.03B TPP along with the trees detailed for works or potentially implicated by works for the reinstatement landscaping works.

**Table 1:** Arboricultural Implications for the stable block café works

| <i>Tree No.</i> | <i>Species</i>   | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>  | <i>Implication</i>   | <i>Mitigation</i>  |
|-----------------|------------------|-------------------------|---|--|--|
| 6               | Sweet Chestnut   | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• General site activities and movements</li> </ul>  | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• Tree is set away from development</li> </ul>  |
| 12              | Horse Chestnut   | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> <li>• Construction of new footpath</li> </ul>   | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• New footpath on perimeter of root protection area compromising &lt;5%</li> <li>• To be protected as detailed in Section 2 of this report</li> </ul>                                       |
| 15              | Flowering Cherry | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> <li>• Landscaping works</li> </ul>  | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• Tree is set away from development</li> </ul>  |
| 16              | Common Yew       | A1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• General site activities and movements</li> <li>• Landscaping works</li> </ul>   | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• Removal of raised bed area containing rubble on perimeter of root protection potentially compromises &lt;6%</li> <li>• To be protected as detailed in Section 2 of this report</li> </ul> |
| 50              | Common Elder     | C1                      | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> <li>• Existing yard resurfacing work</li> </ul>   | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>  |
| 51              | Common Yew       | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>  |
| 52              | Sycamore         | C1+2 Interim            | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>  |
| 53              | Common Hornbeam  | C1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> <li>• Construction of new footpath</li> <li>• Air handling unit located on existing hard surface area</li> </ul>  | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> <li>• Root spread restricted by existing wall and built form</li> </ul>  |
| 54              | Common Hornbeam  | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> <li>• Part removal of existing wall and foundation</li> <li>• Removal of existing wall and patio area</li> <li>• Construction of new footpath</li> <li>• Air handling unit located on existing hard surface area</li> </ul> | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> <li>• Root spread restricted by existing wall and built form</li> </ul>  |

## PART 1

### ARBORICULTURAL IMPLICATIONS ASSESSMENT

| <i>Tree No.</i> | <i>Species</i>   | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>  | <i>Implication</i>            | <i>Mitigation</i>   |
|-----------------|--|-------------------------|---|-------------------------------|---|
| 55              | Common Hornbeam  | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> <li>• Removal of existing patio area</li> <li>• Construction of new footpath</li> </ul>             | • Retained                    | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>   |
| 56              | Common Hornbeam  | C1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained                    | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>   |
| 57              | Common Hornbeam  | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained                    | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>   |
| 59              | Horse Chestnut   | C1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained                    | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>   |
| G1.70           | Common Lime  | A1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• New access to eastern side of existing driveway</li> <li>• General site activities and movements</li> </ul>                                    | • Retained                    | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>   |
| Grp 3           | Holly<br>Cherry Laurel<br>Sycamore<br>Horse Chestnut<br>Yew<br>Elder | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• Construction of new service yard access</li> <li>• Construction of new sub station</li> <li>• General site activities and movements</li> </ul> | • Removed in part (see below) | <ul style="list-style-type: none"> <li>• Retained section to be protected as detailed in Section 2 of this report</li> <li>• Section of group to be removed as indicated on CBA10677.02G TPP</li> </ul>   |
| G3.29           | Horse Chestnut   | C1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• Installation of new driveway area on an existing compacted ground area</li> <li>• General site activities and movements</li> </ul>             | • Retained                    | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>   |
| G3.31           | Horse Chestnut   | C1                      | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> <li>• Construction of new footpath</li> </ul>   | • Retained                    | <ul style="list-style-type: none"> <li>• New footpath on perimeter of root protection area compromising &lt;6%</li> <li>• Tree has already been topped and therefore a full protection area is not needed to support the tree</li> <li>• To be protected as detailed in Section 2 of this report</li> </ul> |
| G3.39           | Irish Yew  | C                       | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• Construction of new service yard access</li> <li>• General site activities and movements</li> </ul>  | • Retained                    | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>   |
| G3.44           | Acacia   | C                       | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• Construction of new service yard access</li> <li>• General site activities and movements</li> </ul>  | • Retained                    | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>   |
| G3.45           | Yew  | C                       | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• Construction of new service yard access</li> <li>• General site activities and movements</li> </ul>  | • Retained                    | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul>   |

**PART 1**  
**ARBORICULTURAL IMPLICATIONS ASSESSMENT**

| <i>Tree No.</i> | <i>Species</i> | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>   | <i>Implication</i>   | <i>Mitigation</i>   |
|-----------------|----------------|-------------------------|--|--|---|
| G3.46           | Acacia         | C                       | <ul style="list-style-type: none"> <li>• Under footprint of new service yard access</li> </ul>   | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul> |
| G3.47           | Acacia         | C                       | <ul style="list-style-type: none"> <li>• Under footprint of new service yard access</li> </ul>   | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul> |
| G3.48           | Acacia         | C                       | <ul style="list-style-type: none"> <li>• Under footprint of new bin store area</li> </ul>  | <ul style="list-style-type: none"> <li>• Removed</li> </ul>  | <ul style="list-style-type: none"> <li>• Replacement planting</li> </ul>                                    |
| G3.49           | Hemlock        | C                       | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• Construction of new bin store area</li> <li>• General site activities and movements</li> </ul>      | <ul style="list-style-type: none"> <li>• Removed</li> </ul>  | <ul style="list-style-type: none"> <li>• Replacement planting</li> </ul>                                    |
| G3.50           | Cherry         | C                       | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• Construction of new bin store area</li> <li>• General site activities and movements</li> </ul>      | <ul style="list-style-type: none"> <li>• Removed</li> </ul>  | <ul style="list-style-type: none"> <li>• Replacement planting</li> </ul>                                    |
| G3.51           | Yew            | C                       | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• Construction of new bin store area</li> <li>• General site activities and movements</li> </ul>      | <ul style="list-style-type: none"> <li>• Removed</li> </ul>  | <ul style="list-style-type: none"> <li>• Replacement planting</li> </ul>                                    |
| G3.52           | Yew            | C                       | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• Construction of new service yard access</li> <li>• General site activities and movements</li> </ul> | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul> |
| G3.53           | Cypress        | C                       | <ul style="list-style-type: none"> <li>• Under footprint of new bin store area</li> </ul>  | <ul style="list-style-type: none"> <li>• Removed</li> </ul>  | <ul style="list-style-type: none"> <li>• Replacement planting</li> </ul>                                    |

**Table 2:** Arboricultural Implications for the play area works

| <i>Tree No.</i> | <i>Species</i>   | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>   | <i>Implication</i>   | <i>Mitigation</i>   |
|-----------------|------------------|-------------------------|--|--|---|
| 6               | Sweet Chestnut   | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• General site activities and movements</li> </ul>   | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• Tree is set away from development</li> </ul>                       |
| 15              | Flowering Cherry | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• General site activities and movements</li> </ul>   | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• Tree is set away from development</li> </ul>                       |
| 16              | Common Yew       | A1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• General site activities and movements</li> </ul>   | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul> |
| 17              | Common Lime      | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> <li>• Landscaping works to install play equipment/benches</li> </ul> | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul> |
| 18              | Common Lime      | C1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> <li>• Landscaping works to install play equipment/benches</li> </ul> | <ul style="list-style-type: none"> <li>• Retained</li> </ul> | <ul style="list-style-type: none"> <li>• To be protected as detailed in Section 2 of this report</li> </ul> |

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| <i>Tree No.</i> | <i>Species</i>   | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>  | <i>Implication</i> | <i>Mitigation</i>   |
|-----------------|--|-------------------------|---|--------------------|---|
| 19              | Flowering Cherry                                       | C1                      | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained         | • To be protected as detailed in Section 2 of this report |
| 20              | Flowering Cherry                                       | C1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained         | • To be protected as detailed in Section 2 of this report |
| 22              | Sycamore   | C1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained         | • To be protected as detailed in Section 2 of this report |
| 23              | Pedunculate Oak  | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained         | • To be protected as detailed in Section 2 of this report |
| 24              | Common Ash   | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained         | • To be protected as detailed in Section 2 of this report |
| 25              | Flowering Cherry                                       | C1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained         | • To be protected as detailed in Section 2 of this report |
| 26              | Holm Oak   | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained         | • Tree is set away from development                       |
| 27              | Red Oak  | A1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained         | • Tree is set away from development                       |
| 28              | Common Walnut  | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained         | • Tree is set away from development                       |
| 29              | London Plane   | A1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained         | • Tree is set away from development                       |
| 30              | London Plane   | B1+2 Interim            | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> </ul>   | • Retained         | • Tree is set away from development                       |
| 57              | Common Hornbeam<br><i>Carpinus betulus</i>             | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> <li>• Landscaping works to install fence</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |
| 58              | Common Horse Chestnut<br><i>Aesculus hippocastanum</i> | B1+2                    | <ul style="list-style-type: none"> <li>• Damage to roots</li> <li>• Damage to crown</li> <li>• General site activities and movements</li> <li>• Landscaping works to install fence</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |

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**Table 3:** Arboricultural Implications for the landscape reinstatement works

| <i>Tree No.</i> | <i>Species</i>  | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>  | <i>Implication</i> | <i>Mitigation</i>   |
|-----------------|-----------------|-------------------------|---|--------------------|---|
| 8               | Pedunculate Oak | B1+2 Interim            | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |
| 9               | Robinia         | C1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |
| 10              | Robinia         | C1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |
| 11              | Atlas Cedar     | B1                      | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |
| 30              | London Plane    | B1+2 Interim            | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |
| 32              | Turkey Oak      | B1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |
| 33              | London Plane    | A1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |
| 34              | London Plane    | B1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |
| 35              | Common Ash      | B1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |
| 36              | London Plane    | A1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |
| 37              | Silver Maple    | B1+2 Interim            | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report |

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| <i>Tree No.</i> | <i>Species</i>   | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>  | <i>Implication</i> | <i>Mitigation</i>  |
|-----------------|--|-------------------------|---|--------------------|--|
| 38              | London Plane   | A1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report  |
| 40              | Common Lime  | C1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report  |
| 41              | Common Lime  | B1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report  |
| 42              | Common Lime  | B1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report  |
| 43              | Pedunculate Oak  | A1 Interim              | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report  |
| 44              | Common Lime  | B1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report  |
| 45              | Common Ash   | B1+2                    | <ul style="list-style-type: none"> <li>• General site activities and movements damaging roots, trunk and or crown</li> <li>• Landscaping works</li> </ul> | • Retained         | • To be protected as detailed in Section 2 of this report  |
| 47              | Common Yew   | C1+2                    | <ul style="list-style-type: none"> <li>• Reinstatement landscaping works</li> </ul>   | • Removed          | • Replacement planting   |
| 48              | Holm Oak   | B1                      | <ul style="list-style-type: none"> <li>• Reinstatement landscaping works</li> </ul>   | • Removed          | • Replacement planting   |
| 49              | Birch 'Youngii'  | C1                      | <ul style="list-style-type: none"> <li>• Reinstatement landscaping works</li> </ul>   | • Removed          | • Replacement planting   |
| Grp 4           | Poplar<br>Oak<br>Willow<br>Sycamore<br>Horse Chestnut<br>Box Elder<br>Tree of Heaven | B1+2                    | <ul style="list-style-type: none"> <li>• Reinstatement landscaping works</li> </ul>   | • Management works | • Replacement planting   |
| G4.1            | Hybrid Black Poplar  | C1+2                    | <ul style="list-style-type: none"> <li>• Reinstatement landscaping works</li> </ul>   | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G4.2            | Turkey Oak   | B1+2                    | <ul style="list-style-type: none"> <li>• Reinstatement landscaping works</li> </ul>   | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G4.3            | Common Beech   | B1+2                    | <ul style="list-style-type: none"> <li>• Reinstatement landscaping works</li> </ul>   | • Retained         | <ul style="list-style-type: none"> <li>• Nine Pin Alley compromises approximately 14% of the root protection area</li> <li>• Alley is constructed to a no dig design</li> <li>• To be protected as detailed in Section 2 of this report</li> </ul> |
| G4.4            | Pedunculate Oak  | C1+2                    | <ul style="list-style-type: none"> <li>• Reinstatement landscaping works</li> </ul>   | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G4.5            | Pedunculate Oak  | B1+2                    | <ul style="list-style-type: none"> <li>• Reinstatement landscaping works</li> </ul>   | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G4.6            | Pedunculate Oak  | B1+2                    | <ul style="list-style-type: none"> <li>• Reinstatement landscaping works</li> </ul>   | • Retained         | • To be protected as detailed in Section 2 of this report  |

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| Tree No. | Species               | BS 5837:2012 Cat | Potential cause of harm   | Implication  | Mitigation   |
|----------|-----------------------|------------------|---|--|--|
| G4.7     | Common Lime           | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>Nine Pin Alley compromises approximately 25% of the root protection area</li> <li>Alley is constructed to a no dig design</li> <li>To be protected as detailed in Section 2 of this report</li> </ul> |
| G4.8     | Common Horse Chestnut | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>Nine Pin Alley compromises approximately 7% of the root protection area</li> <li>Alley is constructed to a no dig design</li> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.9     | Common Horse Chestnut | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.10    | Common Horse Chestnut | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.11    | Hybrid Black Poplar   | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.12    | Ashleaf Maple         | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.13    | Swedish Whitebeam     | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Removed</li> </ul>  | <ul style="list-style-type: none"> <li>Replacement planting</li> </ul>   |
| G4.14    | Common Horse Chestnut | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.15    | Ashleaf Maple         | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.16    | Ashleaf Maple         | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.17    | Common Horse Chestnut | U                | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.18    | Hybrid Black Poplar   | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.19    | Common Lime           | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.20    | Mountain Ash          | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.21    | Western Balsam Poplar | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.22    | Western Balsam Poplar | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.23    | Common Lime           | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.24    | Western Balsam Poplar | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.25    | Common Lime           | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.26    | Crack Willow          | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.27    | Lombardy Poplar       | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.28    | Common Lime           | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.29    | Common Lime           | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.30    | Lombardy Poplar       | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.31    | Lombardy Poplar       | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.32    | Lombardy Poplar       | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.33    | Lombardy Poplar       | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.34    | Lombardy Poplar       | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.35    | Common Lime           | B1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.36    | Tree of Heaven        | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.37    | Crack Willow          | C1+2             | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |
| G4.38    | Crack Willow          | C1+2 Interim     | <ul style="list-style-type: none"> <li>Reinstatement landscaping works</li> </ul> | <ul style="list-style-type: none"> <li>Retained</li> </ul> | <ul style="list-style-type: none"> <li>To be protected as detailed in Section 2 of this report</li> </ul>  |

## PART 1

### ARBORICULTURAL IMPLICATIONS ASSESSMENT

| Tree No. | Species   | BS 5837:2012 Cat | Potential cause of harm           | Implication        | Mitigation  |
|----------|---|------------------|-----------------------------------|--------------------|---|
| G4.39    | Crack Willow  | C1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G4.40*   | Crack Willow  | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G4.41    | Sycamore  | C1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G4.42    | Common Ash  | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G4.43    | Sycamore  | C1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G4.44    | Sycamore  | C1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| Grp 5    | Elder<br>Sycamore<br>Ash<br>Holly   | C1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G5.1     | Common Ash  | C1+2             | • Reinstatement landscaping works | • Removed          | • Replacement planting  |
| G5.2     | Common Ash  | C1+2             | • Reinstatement landscaping works | • Removed          | • Replacement planting  |
| G5.3     | Common Ash  | C1+2             | • Reinstatement landscaping works | • Removed          | • Replacement planting  |
| G5.4     | Common Ash  | C1+2             | • Reinstatement landscaping works | • Removed          | • Replacement planting  |
| G5.5     | Sycamore  | C1+2             | • Reinstatement landscaping works | • Removed          | • Replacement planting  |
| G5.6     | Common Ash  | C1+2             | • Reinstatement landscaping works | • Removed          | • Replacement planting  |
| G5.7     | Common Ash  | U                | • Reinstatement landscaping works | • Removed          | • Replacement planting  |
| G5.8     | Sycamore  | C1+2             | • Reinstatement landscaping works | • Removed          | • Replacement planting  |
| Grp 6    | Sycamore<br>Turkish Hazel<br>Common Walnut<br>Common Lime<br>Common Ash<br>Common Yew<br>Norway Maple | B2               | • Reinstatement landscaping works | • Management works | • Replacement planting<br>• Specimen trees to be retained<br>• Yew, Holly and understorey species to be coppiced<br>• To be protected as detailed in Section 2 of this report |
| G6.1     | Sycamore  | B1+2<br>Interim  | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.2     | Turkish Hazel   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.3     | Common Walnut   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.4     | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.5     | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.6     | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.7     | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.8     | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.9     | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.10    | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.11    | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.12    | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.13    | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.14    | Turkish Hazel   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.15    | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.16    | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.17    | Common Ash  | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.18    | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.19    | Common Lime   | C1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |
| G6.20    | Common Lime   | B1+2             | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report   |



**PART 1**  
**ARBORICULTURAL IMPLICATIONS ASSESSMENT**

| <i>Tree No.</i> | <i>Species</i>  | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i> | <i>Mitigation</i>  |
|-----------------|---|-------------------------|-----------------------------------|--------------------|--|
| G6.21           | Common Lime   | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G6.22           | Common Lime   | C1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G6.23           | Common Lime   | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G6.24           | Common Lime   | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G6.25           | Common Yew  | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G6.26           | Common Lime   | B1+2 Interim            | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G6.27           | Common Lime   | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G6.28           | Common Lime   | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G6.29           | Common Ash  | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G6.30           | Norway Maple  | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| Grp 7           | Pedunculate Oak<br>Ash<br>Yew<br>Robinia<br>Field Maple<br>Sycamore<br>Holm Oak<br>Hawthorn<br>Dogwood<br>Holly<br>Cherry Laurel<br>Portugal Laurel<br>Spotted Laurel<br>Elm<br>Snowberry<br>Norway Maple | B1+2                    | • Reinstatement landscaping works | • Management works | • Replacement planting<br>• Specimen trees to be retained<br>• Yew, Holly and understorey species to be coppiced<br>• Retained trees to be protected as detailed in Section 2 of this report |
| G7.1            | Common Yew  | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.2            | Common Ash  | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.3            | Common Ash  | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.4            | Wild Cherry   | C1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.5            | Sycamore  | C1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.6            | Sycamore  | C1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.7            | Common Ash  | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.8            | Common Lime   | U                       | -                                 | • Removed          | • Removed due to poor health   |
| G7.9            | Common Yew  | U                       | -                                 | • Removed          | • Removed due to poor health   |
| G7.10           | Common Ash  | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.11           | Common Ash  | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.12*          | Common Yew  | C1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.13           | Common Ash  | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.14           | Pedunculate Oak   | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.15           | Common Ash  | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.16           | Common Lime   | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.17           | Common Yew  | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.18           | English Elm   | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.19           | Field Maple   | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.20           | Field Maple   | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G7.21*          | Field Maple   | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |

## PART 1

### ARBORICULTURAL IMPLICATIONS ASSESSMENT

| <i>Tree No.</i> | <i>Species</i>  | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i> | <i>Mitigation</i>   |
|-----------------|-----------------|-------------------------|-----------------------------------|--------------------|---|
| G7.22           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.23*          | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.24           | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.25           | Norway Maple    | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.26           | Sycamore        | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.27           | Privet          | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.28           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.29           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.30           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.31           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.32           | Sweet Chestnut  | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.33           | Sycamore        | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.34           | Sweet Chestnut  | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.35           | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.36           | Common Holly    | U                       | -                                 | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.37           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.38           | Common Holly    | U                       | -                                 | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.39           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.40           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.41           | Field Maple     | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting                                    |
| G7.42           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.43           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.44*          | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.45           | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.46           | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.47           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.48           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.49           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.50           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.51           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.52           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.53*          | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.54           | English Elm     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.55           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.56           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.57           | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.58           | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.59           | Field Maple     | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting                                    |
| G7.60           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |
| G7.61           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report |

## PART 1

### ARBORICULTURAL IMPLICATIONS ASSESSMENT

| <i>Tree No.</i> | <i>Species</i>  | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i>    | <i>Mitigation</i>   |
|-----------------|-----------------|-------------------------|-----------------------------------|-----------------------|---|
| G7.62*          | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.63           | English Elm     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.64           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.65           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.66           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.67           | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.68           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.69           | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.70           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.71           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.72           | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.73           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.74           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.75           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.76           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.77           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.78           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.79           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.80           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.81           | English Elm     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.82           | English Elm     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.83           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G7.84           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.85           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.86           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.87           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.88           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.89           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.90           | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.91           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G7.92           | English Elm     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.93           | Dogwood         | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.94           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.95           | Robinia         | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.96           | Robinia         | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.97           | Robinia         | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.98           | Robinia         | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.99           | Robinia         | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.100          | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |

## PART 1

### ARBORICULTURAL IMPLICATIONS ASSESSMENT

| <i>Tree No.</i> | <i>Species</i>  | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i>    | <i>Mitigation</i>   |
|-----------------|-----------------|-------------------------|-----------------------------------|-----------------------|---|
| G7.101          | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.102          | Common Holly    | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.103          | Field Maple     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.104          | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G7.105          | Wild Cherry     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.106          | Field Maple     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.107          | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.108          | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.109          | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.110          | Common Ash      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.111          | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.112          | Common Lime     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.113          | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.114          | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.115          | Common Yew      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.116          | Common Lime     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.117          | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.118          | Field Maple     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.119          | Common Lime     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.120          | Common Lime     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.121          | Wild Cherry     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.122          | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.123          | Common Hornbeam | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.124          | Wild Cherry     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.125          | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.126          | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.127          | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.128          | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.129*         | Whitebeam       | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.130*         | English Elm     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.131*         | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.132*         | Common Holly    | C                       | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.133          | English Elm     | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G7.134          | English Elm     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.135          | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G7.136          | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.137          | Norway Maple    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.138          | Common Holly    | U                       | -                                 | • Removed             | • Removed due to poor health  |

## PART 1

### ARBORICULTURAL IMPLICATIONS ASSESSMENT

| Tree No. | Species               | BS 5837:2012 Cat | Potential cause of harm           | Implication           | Mitigation  |
|----------|-----------------------|------------------|-----------------------------------|-----------------------|---|
| G7.139   | Cherry Laurel         | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.140*  | Cherry Laurel         | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.141   | Cherry Laurel         | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.142*  | Cherry Laurel         | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.143   | Common Hawthorn       | U                | -                                 | • Removed             | • Removed due to poor health  |
| G7.144   | Portugal Laurel       | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.145   | Common Holly          | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.146   | Common Holly          | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.147   | Common Holly          | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.148   | Common Ash            | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.149   | Norway Maple          | U                | -                                 | • Removed             | • Removed due to poor health  |
| G7.150   | Common Holly          | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.151   | Robinia               | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.152*  | English Elm           | C                | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G7.153   | Wild Cherry           | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.154   | Wild Cherry           | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.155   | Common Holly          | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.156   | Common Hawthorn       | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.157   | Common Holly          | C1               | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G7.158   | English Elm           | C1               | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G7.159   | Common Holly          | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.160   | Common Holly          | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.161   | Holm Oak              | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.162   | Norway Maple          | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.163   | Common Horse Chestnut | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.164   | Field Maple           | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.165   | Robinia               | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.166   | Robinia               | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.167   | Norway Maple          | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.168   | Common Holly          | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.169   | Common Holly          | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.170   | English Elm           | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.171   | English Elm           | C1               | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G7.172   | Common Holly          | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.173   | Common Holly          | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.174   | Common Holly          | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.175   | Common Holly          | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G7.176   | Norway Maple          | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |

## PART 1

### ARBORICULTURAL IMPLICATIONS ASSESSMENT

| Tree No. | Species  | BS 5837:2012 Cat | Potential cause of harm           | Implication           | Mitigation  |
|----------|--|------------------|-----------------------------------|-----------------------|---|
| G7.177   | Sycamore   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.178   | Common Holly   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.179   | Norway Maple   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.180   | Common Holly   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.181   | Field Maple  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.182   | Field Maple  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.183   | Common Holly   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| G7.184   | Common Hawthorn  | C1               | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment   |
| G7.185   | Robinia  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.186   | Wild Cherry  | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| G7.187   | Robinia  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.188   | Common Hawthorn  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.189   | Common Hawthorn  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.190   | Holm Oak   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| G7.191   | Robinia  | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| G7.192   | Cherry Laurel  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.193   | Wild Cherry  | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| G7.194   | Holm Oak   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| G7.195   | English Elm  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.196   | Holm Oak   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.197   | Holm Oak   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.198   | Pedunculate Oak  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.199   | Common Holly   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.200   | Common Holly   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.201   | Wild Cherry  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.202   | Common Yew   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| G7.203   | Common Yew   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.204   | Common Yew   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G7.205   | Wild Cherry  | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| Grp 8    | Yew<br>Sycamore<br>Ash<br>Oak<br>Hornbeam<br>Elm, Hazel,<br>Laurel, Ivy,<br>Butchers Broom | B2               | • Reinstatement landscaping works | • Management works    | • Replacement planting<br>• Specimen trees to be retained<br>• Yew, Holly and understory species to be coppiced<br>• Retained trees to be protected as detailed in Section 2 of this report |
| G8.1     | Common Hornbeam  | B1+2             | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| G8.2     | Common Yew   | B1+2             | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| G8.3     | Common Yew   | C1+2             | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| G8.4     | Common Yew   | C2+1             | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.5     | Sycamore   | B1+2             | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |
| G8.6     | Common Ash   | B1+2             | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report   |

## PART 1

### ARBORICULTURAL IMPLICATIONS ASSESSMENT

| <i>Tree No.</i> | <i>Species</i>  | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i>    | <i>Mitigation</i>   |
|-----------------|-----------------|-------------------------|-----------------------------------|-----------------------|---|
| G8.7            | Common Lime     | B1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.9            | Common Yew      | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.10           | Common Yew      | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.11           | Common Yew      | C1+2                    | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.12           | Common Holly    | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.13           | Common Yew      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.14           | Common Lime     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.15           | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.16*          | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G8.17           | English Elm     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.18           | English Elm     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.19           | Common Box      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.20*          | Common Box      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.21*          | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.22           | English Elm     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.23           | English Elm     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.24           | Common Hornbeam | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.25           | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.26           | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.27           | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.28           | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.29           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.30           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.31           | Wild Cherry     | U                       | -                                 | • Removed             | • Removed due to poor health  |
| G8.32           | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.33           | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.34           | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.35*          | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.36           | Field Maple     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.37*          | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.38           | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.39           | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.40           | Common Ash      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.41           | Common Holly    | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.42*          | Sycamore        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.43           | Common Ash      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.44*          | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.45*          | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.46*          | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |

**PART 1**  
**ARBORICULTURAL IMPLICATIONS ASSESSMENT**

| <i>Tree No.</i> | <i>Species</i>        | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i>    | <i>Mitigation</i>   |
|-----------------|-----------------------|-------------------------|-----------------------------------|-----------------------|---|
| G8.47*          | English Elm           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.48*          | English Elm           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.49           | Griselinia littoralis | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.50           | English Elm           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.51           | Common Ash            | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.52*          | English Elm           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.53           | Sycamore              | U                       | -                                 | • Removed             | • Removed due to poor health  |
| G8.54*          | Sycamore              | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.55           | Common Holly          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.56           | Common Holly          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.57           | Common Elder          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.58           | Common Holly          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.59           | Common Beech          | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.60           | Common Yew            | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.61           | Highclere Holly       | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.62*          | Common Elder          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.63           | English Elm           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.64*          | Common Ash            | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.65           | Common Holly          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.66           | Common Holly          | U                       | -                                 | • Removed             | • Removed due to poor health  |
| G8.67           | Common Holly          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.68*          | English Elm           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.69           | Common Holly          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.70           | Holm Oak              | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.71*          | Common Yew            | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.72           | Griselinia littoralis | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.73           | Common Holly          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.74           | Common Holly          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.75*          | Sycamore              | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.76*          | English Elm           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.77           | Common Holly          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.78           | Common Holly          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.79           | English Elm           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.80           | English Elm           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.81           | Common Yew            | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G8.82           | English Elm           | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.83           | English Elm           | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.84           | Common Yew            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G8.85*          | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |



**PART 1**  
**ARBORICULTURAL IMPLICATIONS ASSESSMENT**

| <b>Tree No.</b> | <b>Species</b>   | <b>BS 5837:2012 Cat</b> | <b>Potential cause of harm</b>    | <b>Implication</b>    | <b>Mitigation</b>  |
|-----------------|--|-------------------------|-----------------------------------|-----------------------|--|
| G8.86           | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.87           | Common Lime  | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.88           | Common Holly   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.89           | English Elm  | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment  |
| G8.90           | Sycamore   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.91           | English Elm  | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.92           | English Elm  | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment  |
| G8.93*          | English Elm  | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.94*          | English Elm  | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.95*          | English Elm  | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.96           | Common Holly   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.97           | Common Holly   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.98           | Common Hornbeam  | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.99           | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment  |
| G8.100          | Pedunculate Oak  | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment  |
| G8.101          | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.102          | Common Lime  | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G8.103          | Common Holly   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| Grp 9           | Sycamore<br>Lime<br>Oak<br>Yew<br>Holly<br>Cherry Laurel<br>Elder<br>Ash<br>Rhododendron<br>Portugal Laurel<br>Snowberry<br>Hornbeam | B1+2                    | • Reinstatement landscaping works | • Management works    | • Replacement planting<br>• Specimen trees to be retained<br>• Yew, Holly and understorey species to be coppiced<br>• Retained trees to be protected as detailed in Section 2 of this report |
| G9.1            | Common Lime  | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G9.2            | Common Ash   | B1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G9.3            | Common Yew   | B1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G9.4            | Common Yew   | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G9.5            | Pedunculate Oak  | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G9.6            | Common Beech   | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G9.7            | Pedunculate Oak  | U                       | -                                 | • Retained*           | • Removed due to poor health   |
| G9.8            | Pedunculate Oak  | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G9.9            | Pedunculate Oak  | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G9.10           | Pedunculate Oak  | U                       | -                                 | • Retained*           | • Removed due to poor health   |
| G9.11           | Pedunculate Oak  | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G9.12           | Common Horse Chestnut  | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |
| G9.13           | Sycamore   | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report  |

## PART 1

### ARBORICULTURAL IMPLICATIONS ASSESSMENT

| <i>Tree No.</i> | <i>Species</i>  | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i>    | <i>Mitigation</i>   |
|-----------------|-----------------|-------------------------|-----------------------------------|-----------------------|---|
| G9.14           | Common Ash      | U                       | -                                 | • Removed             | • Removed due to poor health  |
| G9.15*          | Common Lime     | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.16           | Sycamore        | C1+2                    | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.17           | Common Lime     | U                       | -                                 | • Removed             | • Removed due to poor health  |
| G9.19           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.20           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.21           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.22           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.23           | Robinia         | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.24           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.25           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.26           | Robinia         | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.27           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.28           | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.29*          | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.30           | Sycamore        | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.31           | Sycamore        | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.32           | Common Lime     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.33           | Common Lime     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.34           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.35           | Cherry Laurel   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.36           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.37           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.38           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.39           | Common Yew      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.40           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.41           | Common Hornbeam | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.42           | Common Yew      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.43           | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.44           | Common Yew      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.45           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.46           | Common Yew      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.47           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.48           | Common Holly    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.49           | Common Elder    | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.50           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.51           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |

**PART 1**  
**ARBORICULTURAL IMPLICATIONS ASSESSMENT**

| <i>Tree No.</i> | <i>Species</i>        | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i>    | <i>Mitigation</i>   |
|-----------------|-----------------------|-------------------------|-----------------------------------|-----------------------|---|
| G9.52           | Common Holly          | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.53           | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.54           | Common Holly          | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.55           | Sycamore              | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.56           | Pedunculate Oak       | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.57           | Common Holly          | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.58           | Common Lime           | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.59           | Common Hornbeam       | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.60           | Common Beech          | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.61           | Common Yew            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.62           | Common Ash            | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.63           | Common Lime           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.64           | Sycamore              | C                       | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.65           | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.66           | Sycamore              | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.67           | Common Lime           | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.68           | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.69*          | English Elm           | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.70*          | English Elm           | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.71*          | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.72           | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.73           | Common Hawthorn       | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.74           | Common Hawthorn       | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.75           | Common Yew            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.76           | Common Yew            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.77           | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.78           | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.79           | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.80           | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.81           | Holm Oak              | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.82           | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.83           | Common Horse Chestnut | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.84           | Common Yew            | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.85           | Common Yew            | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.86           | Common Yew            | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.87           | Holm Oak              | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |

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| <i>Tree No.</i> | <i>Species</i>  | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i>    | <i>Mitigation</i>   |
|-----------------|-----------------|-------------------------|-----------------------------------|-----------------------|---|
| G9.88           | Common Yew      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.89           | Common Yew      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.90           | Sycamore        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.91           | Holm Oak        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.92           | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.93           | Common Yew      | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.94           | English Elm     | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.95           | Sycamore        | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.96           | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G9.97           | Common Yew      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.98           | Common Yew      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.99           | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.100          | Common Yew      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.101          | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.102          | Duplicate tree  | -                       | -                                 | -                     | -   |
| G9.103          | Common Ash      | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.104          | Common Ash      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.105          | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.106          | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.107          | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.108          | English Elm     | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.109          | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.110          | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.111          | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.112          | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G9.113          | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.114          | Sycamore        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.115          | Common Yew      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.116          | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.117          | Common Hawthorn | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.118          | Pedunculate Oak | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.119          | Common Yew      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.120          | Common Yew      | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.121          | Sycamore        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.122          | Sycamore        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.123          | Sycamore        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.124          | Sycamore        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.125          | Sycamore        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G9.126          | Sycamore        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |

## PART 1

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| <i>Tree No.</i> | <i>Species</i>                                   | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i> | <i>Mitigation</i>  |
|-----------------|--|-------------------------|-----------------------------------|--------------------|--|
| G9.127          | Sycamore   | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.128          | Common Yew                                       | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.129          | Common Yew                                       | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.130          | Holm Oak   | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.131          | Holm Oak   | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.132          | Common Yew                                       | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.133          | Common Yew                                       | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.134          | Common Hornbeam                                  | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.135          | Holm Oak   | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.136          | Common Hawthorn                                  | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.137          | Pedunculate Oak                                  | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.138          | Common Yew                                       | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.139          | Common Holly                                     | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.140          | Common Hornbeam                                  | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.141          | Common Holly                                     | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.142          | Common Holly                                     | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.143          | Common Holly                                     | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.144          | Common Holly                                     | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.145          | Common Yew                                       | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.146          | Common Holly                                     | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.147          | Common Yew                                       | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.148          | Common Yew                                       | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.149          | Common Holly                                     | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.150          | Common Hawthorn                                  | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.151          | Sycamore   | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.152          | Sycamore   | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.153          | Sycamore   | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.154          | Common Holly                                     | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.155          | Common Holly                                     | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.156          | Common Yew                                       | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.157*         | Cherry Laurel x4                                 | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| G9.158          | Sycamore x3<br>Holly x4<br>Ash x2<br>Elder x2    | C1                      | • Reinstatement landscaping works | • Removed          | • Replacement planting   |
| Grp 10          | Ash<br>Sycamore<br>Yew<br>Beech<br>Laurel<br>Elm | B2                      | • Reinstatement landscaping works | • Management works | • Replacement planting<br>• Specimen trees to be retained<br>• Yew, Holly and understorey species to be coppiced<br>• Retained trees to be protected as detailed in Section 2 of this report |
| G10.1           | Common Ash                                       | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |
| G10.2           | Common Ash                                       | B1+2                    | • Reinstatement landscaping works | • Retained         | • To be protected as detailed in Section 2 of this report  |

## PART 1 ARBORICULTURAL IMPLICATIONS ASSESSMENT

| <i>Tree No.</i> | <i>Species</i>   | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i>    | <i>Mitigation</i>   |
|-----------------|--|-------------------------|-----------------------------------|-----------------------|---|
| G10.3           | English Elm  | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.4           | Common Holly   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.5           | Common Yew   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.6           | Sycamore   | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.7           | Sycamore   | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.8           | Pedunculate Oak  | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.9           | Common Ash   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.10          | English Elm  | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.11          | Common Ash   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.12          | Common Ash   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.13          | Common Ash   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.14          | Holm Oak   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.15          | Common Holly   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.16          | English Elm  | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.17          | Common Lime  | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.18          | Sycamore   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.19*         | Elm x1<br>Yew x3<br>Holly x1<br>Holm Oak x1<br>Sycamore x4 | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.20          | Common Holly   | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.21          | Holm Oak   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.22          | Common Holly   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.23          | Common Holly   | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.24          | Common Holly   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.25          | Common Yew   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.26          | Common Holly   | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.27          | Common Hawthorn  | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.28          | Sycamore   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.29          | Common Holly   | U                       | -                                 | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.30          | Common Beech   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.31*         | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.32          | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.33          | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.34          | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.35          | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.36          | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.37          | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.38          | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.39*         | Common Ash   | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |

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| <i>Tree No.</i> | <i>Species</i>                         | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i>    | <i>Mitigation</i>   |
|-----------------|--|-------------------------|-----------------------------------|-----------------------|---|
| G10.40          | Common Ash                             | U                       | -                                 | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.41          | Common Ash                             | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.42          | Common Holly                           | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.43          | Common Holly                           | U                       | -                                 | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.44          | Ash<br>Sycamore<br>Elm x12             | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.45          | Common Ash                             | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.46          | Common Yew                             | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.47          | Common Ash                             | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.48          | Common Yew                             | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.49          | Common Yew                             | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.50          | Stump                                  | U                       | -                                 | • Removed             | • Removed due to poor health  |
| G10.51          | Common Yew                             | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.52          | English Elm                            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.53          | Common Ash                             | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.54          | Common Ash                             | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.55*         | Cherry Laurel                          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.56*         | Common Elder                           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.57          | Portugal Laurel                        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.58          | Common Holly                           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.59          | Common Beech                           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.60          | Sycamore                               | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.61          | Sycamore                               | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.62          | Sycamore                               | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.63          | Sycamore                               | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.64          | Sycamore                               | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.65*         | Common Holly                           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.66*         | Common Holly<br><i>Ilex aquifolium</i> | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.67          | Sycamore                               | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.68          | Common Ash                             | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.69          | Common Hawthorn                        | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.70          | Sycamore                               | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.71          | Common Yew                             | C2                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.72          | English Elm                            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.73          | Common Yew                             | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.74          | English Elm                            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.75          | Sycamore                               | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.76          | Sycamore                               | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.77          | Sycamore                               | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.78          | Field Maple                            | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |

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| Tree No. | Species      | BS 5837:2012 Cat | Potential cause of harm           | Implication           | Mitigation  |
|----------|--------------|------------------|-----------------------------------|-----------------------|---|
| G10.79   | Common Ash   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.80   | English Elm  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.81   | Common Ash   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.82   | Common Ash   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.83   | Common Ash   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.84   | Field Maple  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.85   | Field Maple  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.86   | Common Ash   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.87   | Common Ash   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.88   | Common Ash   | U                | -                                 | • Removed             | • Removed due to poor health  |
| G10.89   | Common Ash   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.90   | Field Maple  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.91   | Field Maple  | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.92*  | Common Ash   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.93   | Common Ash   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.94   | Common Yew   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.95   | Common Ash   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.96   | Holm Oak     | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.97   | Common Beech | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.98   | Common Ash   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.99   | English Elm  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.100  | Common Ash   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.101  | English Elm  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.102  | English Elm  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.103* | Sycamore     | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.104  | English Elm  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.105  | Common Ash   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.106  | Holm Oak     | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.107  | English Elm  | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.108  | English Elm  | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.109* | English Elm  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.110  | English Elm  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.111* | Holm Oak     | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.112  | Common Ash   | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.113  | Common Ash   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.114  | English Elm  | C1               | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.115  | Common Ash   | C1               | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.116  | Field Maple  | C1               | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.117  | Field Maple  | C                | • Reinstatement landscaping works | • Removed             | • Replacement planting  |



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| <i>Tree No.</i> | <i>Species</i>        | <i>BS 5837:2012 Cat</i> | <i>Potential cause of harm</i>    | <i>Implication</i>    | <i>Mitigation</i>   |
|-----------------|-----------------------|-------------------------|-----------------------------------|-----------------------|---|
| G10.118         | Field Maple           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.119         | Common Ash            | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.120         | Field Maple           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.121         | Common Hornbeam       | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.122         | Field Maple           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.123 *       | English Elm           | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.124         | English Elm           | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.125         | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.126         | Holm Oak              | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.127         | English Elm           | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.128         | Pedunculate Oak       | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.129         | Common Ash            | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.130         | Sycamore              | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.131         | Sycamore              | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.132         | English Elm           | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.133         | Sycamore              | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.134         | Sycamore              | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.135 *       | Common Holly          | C1                      | • Reinstatement landscaping works | • Retained as coppice | • To be protected as detailed in Section 2 of this report to preserve rooting environment |
| G10.136         | Common Holly          | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.137         | Sycamore              | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.138         | English Elm           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.139         | Common Holly          | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.140         | Common Horse Chestnut | C1                      | • Reinstatement landscaping works | • Retained            | • To be protected as detailed in Section 2 of this report                                 |
| G10.141         | English Elm           | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.142         | Common Hawthorn       | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.143         | Sycamore              | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.144         | Common Hawthorn       | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.145         | Sycamore              | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |
| G10.146         | Sycamore              | C1                      | • Reinstatement landscaping works | • Removed             | • Replacement planting  |

\* U grade trees to be retained for ecological reasons

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#### **8.0 PRE-COMMENCEMENT SITE MEETINGS**

- 8.1 It is recommended that a pre-commencement site meeting is held prior to any works commencing on site to agree all approved processes with the arboricultural consultant, the construction personnel and London Borough of Richmond Council Tree Officer. This meeting could be used to formally agree the methods of work, position of site offices, material storage, compounds, parking and tree protection measures prior to commencement of the development and the associated clearance work.
- 8.2 In addition to the above it is advised that a pre-commencement meeting is held prior to the start of each phase of works; the stable block café development, the improvement to the play area adjacent to the stable café, works to demolish built form, works to construct the Nine Pin Alley and prior to the landscape restoration works.

#### **9.0 ADDITIONAL ARBORICULTURAL ADVICE FOR SITE PERSONNEL**

- 9.1 To provide site personnel with additional information regarding the requirements of Tree Protection, a leaflet (appended at CB7) shall be issued to all staff at the time of their site induction. Spare copies of this leaflet shall be available in the site office as replacements.
- 9.2 In order to inform site personnel of the purpose of the barriers, information notices shall be fixed to the barriers at 5m intervals. These notices shall be of all-weather construction and shall be in the form of the specimen provided at appendix CB7 and replaced as and when necessary.

#### **10.0 PRE-DEVELOPMENT TREE WORKS**

- 10.1 All tree works will be undertaken prior to the commencement of site preparation and construction works.
- 10.2 **All permitted or approved tree work** should be carried out in accordance with the British Standard "*Recommendations for Tree Work*" BS3998:2010, by suitably qualified and experienced professional arborists. Under no circumstances shall site personnel undertake any tree pruning operations. All tree surgery works should be carried out prior to the development of the site, and erection of protective barriers.
- 10.3 If additional tree works are required during the development works around the café or as part of the landscape improvement works, a written notification must be made prior to the works being programmed/commenced and are subject to the Council considering the works and allowing the tree works before the works are carried out.
- 10.4 Consideration should be given to the timing of any tree works to avoid the active growing period of trees. Therefore, all tree work should ideally be carried out during

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the dormant period from November through to February and then again from June to August.

10.5 Due to the bird-nesting season, considered to be from 1<sup>st</sup> March through to the 31<sup>st</sup> July (Natural England) depending on weather conditions, consideration must also be given to the potential for nesting birds. Therefore, where tree work is to be carried out within these months the project ecologist must be consulted to:

- Complete or advise on a pre-works survey that needs to be carried out by a suitably competent person. As a general rule, it should be assumed that birds will be nesting in trees, and it is down to contactors to assess, record and confirm that any works carried out in the management of trees and other vegetation has not disturbed actively nesting birds.
- Ground vegetation, and therefore ground nesting birds, can often be overlooked by tree workers so additional care and controls should be taken when access and egress to the work site may also cause disturbance or damage to a nesting site. This is also true for retained trees on site as the removal of adjacent trees or remedial works on a tree may lead to an established nest being abandoned, exposed to the elements or predation. This action is also a breach of the Act and therefore could lead to prosecution due to the infringement of the Wildlife and Countryside Act 1981 and breaching the Conservation of Habitats and Species Regulations 2010 (as amended).

10.6 Although not apparent at the time of the site visit, consideration should also be given to the presence of bats, and a full visual assessment should be undertaken before any works are carried out on the trees. Where bats are identified as a serious concern, a bat survey should be undertaken by qualified and trained personnel to identify the needs of the bats (roosts, resting place etc) and no tree works can be carried out until the 'all clear' is given, or a programme of recommendations is received in writing.

10.7 Should additional tree works become apparent during the construction process; written consent will be required from London Borough of Richmond Council prior to these additional works being undertaken.

10.8 All tree works that are required to facilitate the development and landscape restoration works are detailed within the Tree Works Schedule appended at CB4.

10.9 All tree work will be completed in accordance with the ecological constraints of the site such as badger setts and trees identified as potential for, or recorded as, having bat activity. This will be completed under the guidance of the project ecologist and as such led by their requirements.

10.10 All tree work within the woodland quarters will only be completed once a site specific method statement for the removal of trees, stumps and brash has been approved by the council and the client.

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- 10.11 Stumps WILL NOT be chemically treated. Where stumps are to be removed, they will either be grubbed out by hand held tools, cut to below ground level or ground out using a stump grinder (only where considered absolutely essential) and working from ground protection such as ground guards to avoid excessive damage to the woodland floor and disturbance/damage to the ecological habitat.
- 10.12 Ecological log and brash piles may be retained on site within the woodland quarters where they are not imposing on the proposed landscape improvement works. It is proposed that these piles should be no larger than 1.5m in length and 1.0m in height so that they do not become a significant feature of the woodlands. There should be no more than 7 piles per quarter.
- 10.13 The size and number of the ecological piles should be led by the landscape and ecological disciplines for the project and secured through planning conditions along with a method statement detailing how the works will be carried out. This will ensure compliance with ecological constraints and concerns from the Local Planning Authority regarding how the works will be completed.

#### **11.0 TREE PROTECTION MEASURES**

- 11.1 All site operations will be planned, implemented and supervised to prevent the following unless otherwise agreed within this report:
- Root severance
  - Damage to the bark, branches and trunks
  - Compaction of the soil within the Construction Exclusion Zone
  - Alterations in soil level
  - Soil contamination by phytotoxic materials such as herbicides, petrol, oils, diesel, cement and concrete washings or other construction additives
- 11.2 Before starting any site demolition, ground or construction works in relation to this development proposal tree protection will be installed in accordance with Tree Protection Plans CBA10677.02G TPP for works relating to the stable block café, CBA10677.03B TPP for works relating to the play area adjacent to the stable block café and CBA10677.04I TRP for the tree removal and retention for the landscape restoration works around Marble Hill House and down to the River Thames (all three plans appended at CB3). This will occur immediately following the completion of tree works for each phase of the site works and prior to any site preparation works starting.

A copy of the Tree Protection Plans will be displayed in the site office and canteen as a point of reference for all site operatives.

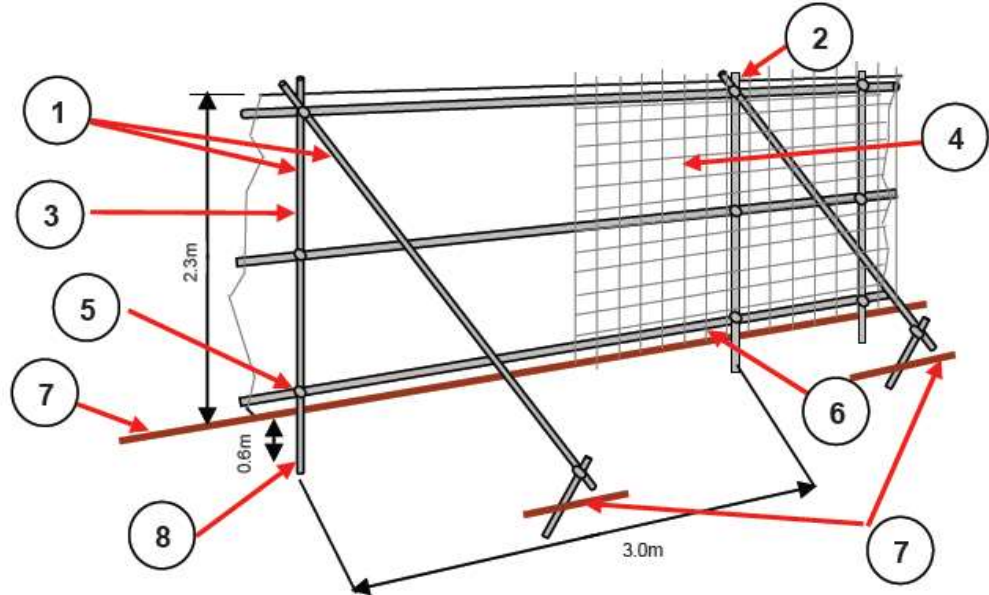
#### **11.3 *Standard Protective Barrier***

Installing the following protective barrier as indicated on Tree Protection Plans CBA10677.02G TPP and CBA10677.03B TPP will protect retained trees. The barrier is to comprise of a vertical and horizontal framework, well braced to resist impacts,

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with vertical tubes spaced at a maximum interval of 3m. Onto this, weldmesh panels should be securely fixed with wire or scaffold clamps.

**Figure 1:** Protective Barrier



- 1. Standard scaffold poles
- 2. Uprights to be driven into the ground
- 3. Panels secured to uprights with wire ties and where necessary standard scaffold clamps
- 4. Weldmesh wired to the uprights and horizontals
- 5. Standard clamps
- 6. Wire twisted and secured on inside face of barriers to avoid easy dismantling
- 7. Ground level
- 8. Approximately 0.6m driven into the ground

Example of protective barrier:



**11.4 Ground Protection**

**11.4.1 Pedestrian movements**

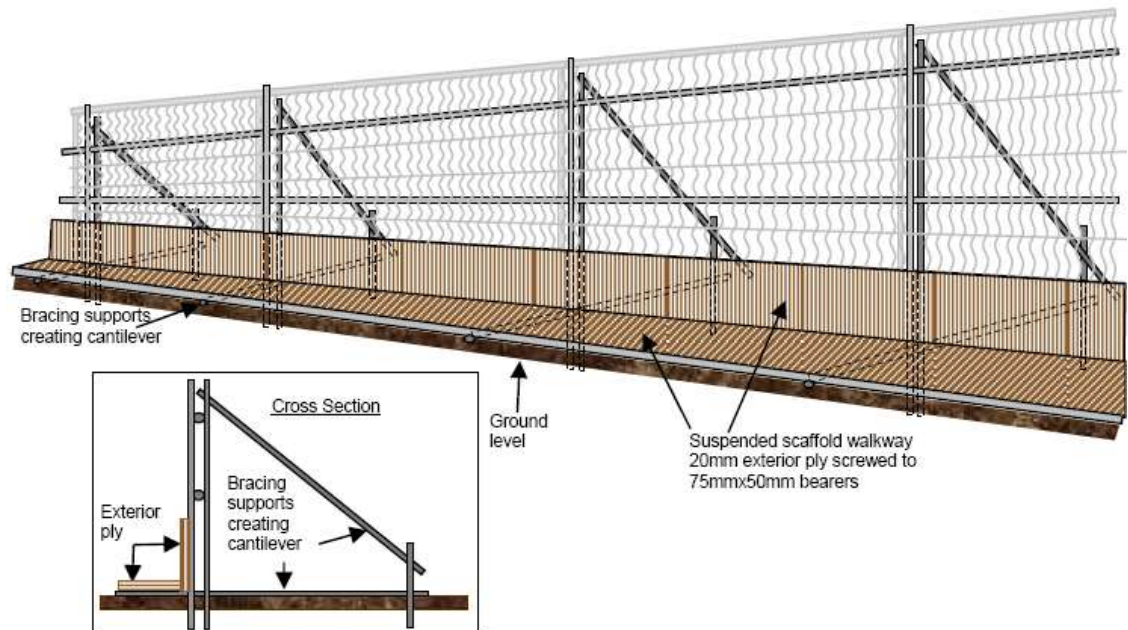
11.4.2 Trees 54, 55 and 56 require construction activity within the identified Construction Exclusion Zone (CEZ); ground protection will be implemented for these trees as per the Tree Protection Plan CBA10677.02G TPP.

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11.4.3 Ground protection will be constructed in accordance with Figure 2 below for pedestrian movements, and consist of a suspended walkway decked with 20mm exterior grade Plyboard supported on 75 x 50mm bearers. The specification provides for pedestrian access only.

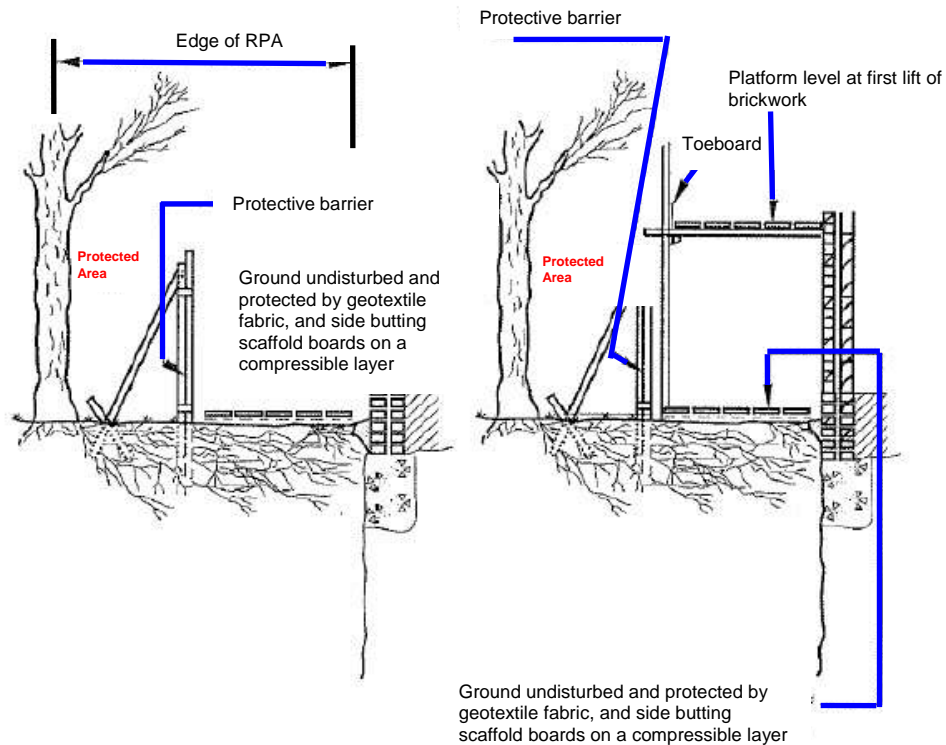
**Figure 2:** Pedestrian walkway within the Root Protection Area



11.4.4 An alternative approach is provided in Figure 3 below; the method will allow for construction and working space within the CEZ of trees. This method will consist of a single thickness of butt jointed scaffold boards supported on a 150mm thick layer of composted woodchip that is prevented from mixing with the underlying soil by geotextile separation layer.

**Figure 3:** Ground Protection Specification  
(shown on next page)

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11.4.5 Ground protection within the woodland quarters will provide a main pedestrian contractor and light weight plant machinery (<1.5 tonne) access route to enable tree works to be completed together with the landscape improvement works.

11.4.6 The fit for purpose ground protection within the woodland quarters will consist of either of the following (unless otherwise agreed in writing by the Tree Officer of London Borough of Richmond Council):

- A compressible layer of woodchip finished with butt jointed scaffold boards, 18mm robust wooden sheets such as plyboard or OSB
- A compressible layer of woodchip with ground guards or track mats pinned in place

11.4.7 The location of ground protection within the woodland quarters will be determined by the tree contractors and their working practices to enable the extraction of the trees to be removed and coppiced as detailed within their method statement.

### 11.5 **Site and Machinery Access within Construction Exclusion Zone**

11.5.1 At this stage no information has been provided as to the type, weight or ground pressure of the equipment to be deployed for the landscaping reinstatement works, and therefore the exact type of ground protection is yet to be specified if it is indeed required. The method of ground protection will be engineer designed and fit for purpose. Prior to the commencement of works, ground protection will be assessed

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by the retained arboricultural consultant and approved in writing by the London Borough of Richmond Council Tree Officer.

11.5.2 As a guide, a compressible layer will be incorporated into the design to minimise compaction of the rooting environment. This layer could consist of a thick layer of composted wood chip or preparatory neoprene mats.

11.6 Once the barriers and ground protection are in place it must remain *in-situ* throughout the following list:

- Contractor occupancy
- Plant and materials delivery
- Construction works
- Installation of porous surfacing
- Utility installation
- Completion of development
- Landscaping

11.7 The areas protected by barriers, fencing and ground protection will be regarded as **sacrosanct**, and the tree protective barriers shall not be taken down or relocated at any time without the written approval of London Borough of Richmond Council. An example of a CEZ notice is appended at CB7.

### **12.0 DEMOLITION, REMOVAL OF BUILT FORM AND HARD SURFACES IN CLOSE PROXIMITY TO RETAINED TREES**

12.1 The demolition and removal of any built form such as the toilet block within the north west woodland quarter, the Chinese shelter, the raised grassed areas at the frontage of the stable block or removal of any hard surfacing (and its foundations where appropriate) will be carried out so as to prevent damage to existing retained trees.

12.2 Demolition of existing built form in close proximity to the retained trees must be undertaken with due care and attention and in line with the tree protection details as set out in Section 11 above, throughout this report and in accordance with any specific working method statements, in order to adequately respect roots, rooting environments, trunks or overhanging crowns of all retained trees. To this end, the following rules will apply:

- Site personnel are to undergo an induction session prior to being allowed to work on site. The induction will introduce the contractors to the requirements of the Protection Method Statement. A copy of the Method Statement will be made available as a point of reference in respect of tree protection requirements. In addition, a copy of the Tree Protection Plan will be provided or pinned up in the site hut. During the induction, trees that are to be retained and protected will be highlighted to the demolition personnel and they will be physically shown which trees are to be protected on site. In this way, it is hoped that unnecessary



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damage, by root disturbance and collision of machinery booms and operating arms with tree crowns can be avoided.

- All walls, foundations and basements are to be pulled in on themselves towards the centre of the site and away from retained trees. This will be done in a direction away from the tree protective barriers and all large machinery to be operated at least 2.5-3.0 metres outside the line of the tree protective fence line from where it is erected for the site preparation works.
- Any machinery used for this purpose is to stand and operate over existing hard surfaces wherever possible, but always outside the CEZ as defined by the protective barriers.
- Lightweight structures will be demolished and removed by hand. Work will be carried out from existing hard surface. If the structure is not served by existing hard surface, ground protection will be laid in accordance with Plan CBA10677.02G TPP.
- Where dust is created and deposited on adjacent retained trees, provision will be made to wash down the crowns of retained trees weekly to prevent excessive dust affecting the photosynthetic capacity of retained trees.

12.3 Any removal of hard surfacing, built form or other excavations in close proximity to trees will be undertaken by working only from the existing hard surface or protected ground area. The required work should then be completed with hand operated tools or appropriate machinery, but under the supervision of an arboriculturist. Any machinery or equipment to be used will need to be lightweight and run on additional ground protection, or working from the existing hard standing only.

#### **13.0 EXISTING SERVICES**

13.1 No information has been provided on the location and size of existing services. However, if there are any existing services within the RPA and CEZ of retained trees will not be chased out, but cut at the edge of any structure and left *in-situ*.

13.2 Cabling will only be recovered from beneath a CEZ where it is located in ducting, and can be removed by winching from an existing service manhole beyond the CEZ.

13.3 Service pipes and ducts, where they are located within the CEZ or RPA of retained trees, will be made redundant either by pipe bursting or by filling with an inert material such a foamed concrete.

#### **14.0 AVOIDING DAMAGE TO STEMS AND BRANCHES**

14.1 Care shall be taken when planning site operations, to ensure that wide or tall loads or plant with booms, jibs and counterweights can operate without coming into contact with retained trees. Such contact could result in serious damage to them, and might make their safe retention impossible. Consequently, any transit or traverse of plant

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in close proximity to trees, will be conducted under the supervision of a banksman, in order to ensure adequate clearance from trees is maintained at all times.

#### **15.0 VEHICULAR MOVEMENTS**

- 15.1 There should be minimal vehicular movement in the potential rooting zone and outside the CEZ identified on plans CBA10677.02G TPP and CBA10677.03B TPP and CBA10677.04I TRP.
- 15.2 It is not anticipated that there will be a need for excess vehicular movement near the retained trees for works relating to the café development given that there is an established vehicle access and areas of hard standing.
- 15.3 For works relating to the improvements to the play area adjacent to the café, the existing boundary fence and additional tree protection measures will limit vehicle movements so that tree roots and their environment are not adversely damaged by vehicles tracking over the soft ground.
- 15.4 Works access within the woodland quarters will operate from fit for purpose ground protection or from existing hard surfacing.
- 15.5 For the landscape restoration works around Marble Hill House and down to the River Thames, all vehicles must remain at least 15m from the trunks of retained trees at all times.

#### **16.0 SITING OF TEMPORARY OFFICES, TOILETS AND MATERIAL STORAGE COMPOUNDS**

- 16.1 It is anticipated that all storage materials and deliveries shall make use of the open space outside of the RPAs of retained trees, the existing site compound and areas of existing hard standing in order to avoid unnecessary damage to tree roots.
- 16.2 The locations shall be agreed in writing with London Borough of Richmond Council prior to the commencement of works on site, and will remain in only those agreed locations throughout the construction phases. If an alternative location is required, this must be agreed in writing with London Borough of Richmond Council. This will also include the delivery; storage and movement of all essential facilities, as well as aspects such as temporary contractor vehicle parking and site location of chemical mixing (e.g. concrete). All such locations will be outside of the RPAs, and avoid areas where 'run off' of chemicals may flow into RPAs.
- 16.3 **Site Huts**

All site huts that are to be situated on soft ground shall have appropriate footings or be situated on a temporary surface, which will aid in reducing the potential for compaction of the ground, where they are in close proximity to the existing tree

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protective barrier line. Site huts can be used as part of the protective barrier boundary, and in some cases, can be beneficial where installation does not conflict with the aerial parts of the tree.

If it is proposed that site huts, ground protection or stores are to be located within the RPA of retained trees for more than 3 months, a temporary irrigation and aeration system will be installed to ensure that the rooting environment is maintained in a good condition. The system will include a compressible layer of composted wood chip or forest bark over a geotextile separation layer, on which ground protection or site huts can be placed. Watering will depend on permeability of the soil, weather conditions, and the extent of the area covered, but should include weekly watering from April to September, when no rainfall has occurred for more than four consecutive days.

#### **16.4 Material Storage**

This shall be accommodated outside of the CEZ, particularly to avoid harmful spillages of fuel, or phytotoxic substances that may damage the health of retained trees.

### **17.0 GENERAL CONSIDERATIONS WITHIN AND OUTSIDE THE CONSTRUCTION EXCLUSION ZONE (CEZ)**

17.1 Inside the CEZ formed by the protective barrier measures, the following prohibitions shall apply:

- No construction activity will occur within the CEZ unless otherwise stated in this report, or agreed in writing with London Borough of Richmond Council prior to the specific activity taking place.

17.2 In addition to the above, further precautions are necessary adjacent to trees outside the CEZ:

- Materials, which will contaminate the soil e.g. concrete mixing, diesel oil and vehicle washings, shall not be discharged within 10 metres of the tree stem. This should take into consideration the topography of the site and slopes, to avoid materials such as concrete washings running towards trees.
- Fires shall not be lit in a position where their flames can extend to within 5 metres of foliage, branches or trunk. This will depend on the size of the fire and the wind direction.
- Notice boards, telephone cables or other services shall not be attached to any part of the tree. (See appendix CB7 Common Causes of Damage During Construction Works)

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**18.0 UTILITY SERVICE CONNECTIONS**

- 18.1 Full details of the service location proposals for the stable block café works have not been forwarded to CBA Trees at the time of compiling this assessment. It is however assumed that, given the location of the trees to be retained and that existing services are present on site that serve the current stable block, any new services will be installed outside the root protection areas of retained trees, and connected to the existing where practicable, this will avoid disturbance of tree roots and ensure their healthy retention.
- 18.2 Where it is not possible to design services to be outside of root protection areas, services will be installed in accordance with the following specification:
- 18.3 All required excavation for service installation within the root protection areas of retained trees must be carried out by hand using non-metallic tools. Preferably, a compressed air lance (Soil Pick) will be used to loosen soil around existing roots. Any large roots greater than 25mm diameter or clusters of smaller roots will be retained and protected using damp Hessian before proceeding with further excavation.

**Photograph 1:**  
Compressed Air Lance  
removing soil from around roots



**Photograph 2:**  
Exposed undamaged roots following  
excavation with soil pick

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- 18.4 Great care should be taken to preserve and work around roots greater than 25mm in diameter, and clusters of smaller roots avoiding breakage, splitting or damage to the exposed bark. Within the area of excavation, split sections of appropriately sized plastic pipe will be tied around Hessian wrapped roots to prevent impact damage to bark occurring.

**Photograph 3:**

Exposed roots protected from damage with wet Hessian and split plastic pipe



**Photograph 4:**

Trench sides protected from drying by wet Hessian

- 18.5 If it is absolutely necessary to sever roots greater than 25mm in diameter, arboricultural advice must be sought. Where smaller roots must be severed, they should be cut back cleanly using secateurs or a sharp pruning saw.
- 18.6 No trenches containing exposed tree roots must be left open overnight. If the trench is to remain open for any period of time during the day, and/or the weather is hot, Hessian wrappings will be kept moist to prevent the roots from drying out and trench sides will be draped with damp Hessian to reduce the potential for root tip death through lack of moisture.
- 18.7 Backfilling of initial trenches should be carried out using the excavated soil, which should be worked in around roots and lightly “tamped” to remove air pockets whilst respecting the original soil profile. Compaction of the material by the use of pneumatic tools or a trench hammer will not be permitted. The backfill should be left proud of surrounding levels to allow for settlement.

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- 18.8 Further advice on the installation of services is set out in NJUG Publication Volume 4 2007, and Section 7.7 of BS5837:2012.

#### **19.0 FOUNDATION DESIGN AND CONSTRUCTION**

- 19.1 Proposed footpaths adjacent to T53, 54, 55 and 56 will be arboriculturally supervised during site excavation works with the footpaths having shallow foundations and, where feasible, the foundation and finished levels raised to minimise excavation.
- 19.2 Within the woodland quarters, footpaths will be porous and built up so that minimal excavation is required by removing the loose vegetative layer.
- 19.3 Foundations for seats, benches and play equipment will be designed to minimise the impact on tree roots where they are located within the root protection areas of retained trees. The foundations should be designed to account for tree roots and final positions of these items on site will be determined by the presence of tree roots (or lack thereof), in particular if roots are greater than 25mm in diameter. This will follow on from the setting out and on site supervision/advice from the retained arboricultural consultant.
- 19.4 The Nine Pin Alley will be constructed using a no dig method of construction whereby the alley is built up on existing ground levels to avoid the loss of significant roots.
- 19.5 Any new bench, play equipment or similar will only be installed within root protection areas by working from fit for purpose ground protection as detailed in Section 11.

#### **20.0 GROUND LEVEL ALTERATIONS**

- 20.1 There will be no increases or decreases to the ground levels within the root protection areas of the retained trees other than those that are detailed within this report or footpaths. If levels adjacent to the RPAs are affected, then retaining structures must be designed to account for the retention of ground levels to avoid root loss through battering ground back.

#### **21.0 INSTALLATION OF HARD SURFACING IN CLOSE PROXIMITY TO RETAINED TREES**

- 21.1 The proposed footpaths within the woodland quarters will use Cedec, a self-binding gravel that is permeable. The footpaths will be constructed by only removing the turf/ loose vegetative layer and then will be built up on the existing ground with support edging pegged into place and then a quality top soil to grade down the edges to avoid a trip hazard. All works within the woodland quarters to establish the footpaths will utilise fit for purpose ground protection as set out in Section 11 to ensure that the rooting environment and roots of trees are not damaged by contractors. A plant machine size limit of 1.5 tonnes is advised if used to deliver materials to the woodlands.

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- 21.2 There will be localised excavation to allow the new proposed Cedec path to meet with the level of the existing asphalt paths. This is unlikely to have a significant impact upon the trees and will be arboriculturally supervised to ensure that the appointed contractors are mindful of the work they are carrying out and ensure the reduction of any impact on retained trees.
- 21.3 The proposed Nine Pin Alley within the root protection area of trees G4.3, G4.7 and G4.8 will be constructed using a no dig method of construction and be constructed by only removing the turf/loose vegetative layer and then will be built up on the existing ground with support edging pegged into place and then a quality top soil to grade down the edges to avoid a trip hazard.
- 21.4 All footpaths within the four quarters of the woodland groups around Marble Hill House and the Nine Pin Alley construction will follow the principles as set out above and detailed below:
- The proposed wearing surface will consider site-specific factors and will be designed in accordance with advice from a structural engineer drainage engineer and arboricultural consultant as appropriate. This will result in a design that is fit for purpose, adequate for the task and sympathetic to the biological requirements of the trees.
  - Where the level of the ground requires raising to level out the hollows, this should be achieved with a granular material that does not inhibit gaseous exchange (such as no-fines gravel, washed aggregate or cobbles).
  - Sub-bases will consist of a non-binding, no fines granular material that does not inhibit water percolation or gaseous exchange.
  - If a substantial area of fill is to be installed, provision will be made for the installation of irrigation and aeration system within the RPA of retained trees. Distance between pipes will not exceed 400mm, irrigation pipes will be connected to the surface water drainage system. Aeration pipes will be installed in between and will be protected by paving mounted grills.
  - Depending on the load-bearing capacity of the soil determined through engineering testing, and the expected loads to be exerted on the soil, it may be necessary to incorporate a load suspension layer such as a 3-dimensional cellular confinement system. This layer must allow gaseous exchange both vertically and horizontally. Any load suspension system should only be used in accordance with the manufacturer's guidelines, and its installation should comply with any relevant health and safety guidance. CBA Trees can provide further information relating to appropriate systems on request.
  - Cedec surfacing is a permeable construction and therefore allows for the movement of gases, water and nutrients to any tree roots beneath the surfacing.

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- The surfacing allows future growth of the roots and the base of the trunk, and as such should be no closer than 500mm from the trunk base. This will avoid future damage, both to the tree and engineered surface.
- Where edge supports are required, they will be designed to have minimal excavation of the existing soil surface, and be in the form of either wooden, aluminium or other edging materials, approved by a structural engineer and the retained arboriculturist. These edgings should be pinned in place, and the location of the pins should seek to avoid exposed surface or structural roots exceeding 25mm diameter.

#### **22.0 INSTALLATION OF BOUNDARY FENCES**

22.1 Boundary fences are proposed within the CEZ of Tree 57 and 58 and around the perimeter of the woodland quarters. Tree roots extend well in excess of the RPA of retained trees and are mainly located in the upper 600mm of soil. As such, even minor levelling and excavation can result in extensive damage to the root system. Inappropriate access within the CEZ for fence construction purposes can result in soil compaction and deterioration of the soil structure. Concrete used to support the posts is poisonous to plants and, if not controlled, can leach into the surrounding soil.

22.2 Fencing will be constructed in accordance with the following specification:

- Fencing will be designed so as to minimise the need for excavation and allow minor variations between post spacings to allow repositioning of posts to permit the retention of all roots where possible, that are greater than 25mm, which are discovered during the excavation of postholes within the RPA of retained trees.
- Fencing will be installed during period of dry weather so as to maintain soil structure and prevent compaction of the rooting environment.
- Fit for purpose ground protection will be placed along the line of construction within the trees root protection area to prevent compaction of the rooting environment of retained trees. This may take the form of robust plywood boards.
- New post holes will be carefully excavated by hand to avoid damage to roots greater than 25mm in diameter but where possible existing fence post holes will be utilised.
- Although postholes lined with heavy gauge polythene to prevent contamination of the rooting environment from drying concrete is the best option for the tree. It does not allow for the concrete to cure adequately against the surrounding soil. It is therefore imperative that fresh concrete is poured as dry as possible to avoid excessive leaching into the soil. If tree roots are exposed in post holes then heavy gauge polythene must be used to avoid direct contact between root and concrete.
- Bracing of posts off retained trees will not be permitted under any circumstances



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#### **23.0 SOFT LANDSCAPING WORKS**

- 23.1 Any soft landscaping works within the development area around the stable café, the play area, wider site tree planting and the landscape improvement works for the grounds around Marble Hill House and down to the River Thames will be in accordance with the approved landscape plans provided by J&L Gibbons, and any specification of such works approved by London Borough of Richmond Council.
- 23.2 Overall the total number of trees to be removed (excluding U grade trees which will be either removed for sound arboricultural reasons or made safe for ecological benefit) is 285. The total number of proposed trees for this planning application is 342 to be planted in the appropriate season or either phase 2, 3 or 4 as fully detailed in the J&L Gibbons documents accompanying this planning application.
- 23.3 Landscaping will accord with the following requirements where in close proximity to retained trees:
- Landscaping work will be completed outside of the bird breeding season (that is, in the autumn/ winter).
  - Each year prior to any work being carried out, badger and bat surveys will be undertaken, plans and working practices revised, and mitigation undertaken as advised by the project ecological consultants.
  - Due to the size of the tree stock (25-30 / 35-40cm girth) being planted in the NW quadrant there will potentially be the need for equipment such as excavators to dig the planting hole and move the trees into position. Contractors will utilise existing or newly created areas of hard standing for vehicle access. Where plant and/or vehicles are to be used within the root protection areas of trees, fit for purpose ground protection or specific load spreading tyres on light weight vehicles will be used to avoid excessive compaction of the ground.
  - All other new tree planting in the present defined woodland quarters will be standard nursery stock (girth 8-10cm) planted by hand by English Heritage on site staff.
  - Where landscaping works are to be carried out within the CEZ of retained trees after the main phase of construction has been completed. At this stage, it will be necessary to alter the line of/remove protective barriers in order to facilitate the landscaping works.
  - The CEZ will remain off limits for all site plant and machinery unless fit for purpose ground protection is installed. Pedestrian traffic must be kept to an absolute minimum only permitted for the ground preparation and landscape installation works.
  - The landscaping works will need to be undertaken in such a way as to avoid level changes, deep digging or mechanical rotovating. Excavation of planting pits with the RPA can cause serious harm the root system of retained trees. Planting pits within

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the RPA of retained trees will be excavated by hand to avoid roots greater than 25mm and masses of smaller roots.

- If any planting pits are required within the CEZ of retained trees, these will be dug by hand and with care avoiding roots greater than 25mm diameter or masses of smaller roots.



**Figure 4:**  
Root severance as a result of planting within RPA

Planting Trees and Shrubs. Watson G. W. and Himelick E. B. 1997

- Where there are stumps of removed trees or shrubs, these will be ground out to 300mm below ground level and resulting holes filled with sharp horticultural sand to provide a stable base for laying of the new turf.
- 23.4 In order to aid establishment and water retention, organic matter will be introduced into the top soil by hand forking and boards will be used to reduce compaction from wheel barrow wheels. Areas where there are significant tree roots will not be forked over but mulched. Any surface mulch will consist of well-composted material such as bark or wood chips. This is necessary to avoid potential nutrient loss from the soil, such as Nitrogen, as the mulch breaks down, as nutrient loss can be detrimental to the health and longevity of retained trees.
- 23.5 Safety surfacing to be installed within the play areas is to consist of a rubber grid that is laid upon the existing ground surface and pinned in situ. No excavations will occur for this installation.

#### **24.0 SITE MONITORING AND SUPERVISION**

- 24.1 To ensure that the tree protection measures are maintained correctly and as per the approved documents (subject to any written approval for amendments where required), arboricultural supervision will be completed.
- 24.2 The client will be responsible for ensuring that the tree protection measures are set up and maintained correctly throughout the site works.

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24.3 As part of this process, photographic records will be taken and kept by the client. An email copy of the photographs will be sent to the London Borough of Richmond upon Thames Council Tree Team and CBA Trees showing works during each phase and stage of onsite works:

- This will take the form of the client signing off in a weekly logbook, that the agreed protection measures are in situ and fit for purpose as per the approved documents and as agreed by the representative of London Borough of Richmond upon Thames Council.
- The tree protection measures will be photographed and emailed to the Tree Team in the planning department with a request to visit site and confirm that the protection measures are acceptable. The London Borough of Richmond upon Thames Council representative will then sign off the protective measures:
- Pre-commencement of tree works
- Setting out and erection/establishment of tree protection measures for the café area
- Removal of the raised bed at the frontage of the Stable block adjacent to T15 and T16
- Removal of existing hard surface area and resurfacing works adjacent to T54-55
- Setting out and erection/establishment of tree protection measures for the play area
- Pre-commencement of the creation and establishment of new landscaping works for each of the four woodland quarters surrounding Marble Hill House

24.4 CBA Trees will be retained throughout the project by the client to enable tree related concerns for the site to be discussed and acted upon quickly and efficiently to ensure that any tree related issue that may arise on site during the project can be dealt with, without detriment to the long term health of the trees.

#### **Example pro-forma:**

| <b>Date</b> | <b>Activity</b>  | <b>Checked</b> | <b>Comments/<br/>damage<br/>noted</b> | <b>By whom</b> | <b>Signed</b> | <b>Action<br/>taken</b> |
|-------------|--|----------------|---------------------------------------|----------------|---------------|-------------------------|
|             | Pre-commencement meeting   |                |                                       |                |               |                         |
|             | Erection of protective measures  |                |                                       |                |               |                         |
|             | Tool box talk with appointed contractors advising on the importance of the protection of the trees |                |                                       |                |               |                         |
|             | Weekly inspection of protective barriers   |                |                                       |                |               |                         |
|             | Assessment of foundation excavation adjacent to T51 and T52  |                |                                       |                |               |                         |
|             | Supervised removal of existing hard surface and minimal hand dig footpath adjacent to T53-55       |                |                                       |                |               |                         |
|             | Arboricultural assessment of any discovered roots >25mm diameter                                   |                |                                       |                |               |                         |

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|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  | by CBA Trees prior to any further works commencing to western footpath via email and telephone |  |  |  |  |  |
|--|--|--|--|--|--|--|

**25.0 REPORT DAMAGE TO TREES AND TREE PROTECTION BARRIERS**

- 25.1 Should any damage be caused to trees noted for retention, either by the above works or as the result of any other action, the damage should be reported to the site supervisor immediately. The site supervisor shall report up the chain of responsibility to the retained consultant arboriculturist, or in the absence of such an appointment, to an appropriately qualified arboriculturist, to enable remedial measures to be implemented as necessary and as agreed with London Borough of Richmond Council Tree Officer.
- 25.2 Should damage occur to a protective barrier to impair its function in protecting trees, all work will cease near the damage, until the barrier has been returned to standard.

**26.0 REMOVAL OF PROTECTIVE BARRIERS**

- 26.1 When each development phase is complete, all drainage and service runs are in place, all site machinery has been removed and any landscaping for the principal area of the site has been implemented, the protective measures where they have been installed will be dismantled/removed.
- 26.2 This dismantling/removal of the tree protection measures must be undertaken with great care, and will need to be supervised to avoid heavy machinery being used within the Root Protection Areas. Hoarding, scaffolding and other barrier materials will need to be removed from site immediately.

**27.0 COMPLETION MEETING**

- 27.1 Upon completion of all the works specified above, and in line with procedures also specified, the retained arboricultural consultant will invite London Borough of Richmond Council Tree Officer to meet on site, to discuss the project and to agree on any remedial works that may be required.

**28.0 CONCLUSIONS**

- 28.1 There are development proposals to improve the existing café facilities at the park within the stable block area, improve the play facilities adjacent to the stable block and reinstate the landscaping around Marble Hill House and down towards the River Thames. The proposals aim to balance the historic significance of the site with the environmental potential of the park and an enhanced offer for a broader audience of park users; together these themes will enable a sustainable future for Marble Hill House Park to be developed. The impact of these works have been assessed

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broadly in accordance with BS5837:2012 “*Trees in Relation to Design, Demolition and Construction – Recommendations*”.

28.2 The development works focus on three areas of the park.

- To improve the café facilities at the stable block will require the removal of 5 (five) noted trees within the southern end of Group 3 (G3.48, G3.49, G3.50, G3.51 and G3.53, all low grade trees).
- The improvements to the play area adjacent to the stable block do not require any trees to be removed as a direct result of the works. One poor quality tree (T21) will be removed due to its condition.
- The landscape reinstatement works to the four quarters around Marble Hill House and part of the grounds down towards the River Thames will require the management of these areas through the removal of a number of trees, the coppicing of trees, the retention of trees and the replanting of trees.
- The south-east quadrant (Group 7) will require the removal of 69 (sixty nine) trees, the retention of 126 (one hundred and twenty six) trees and the coppicing of 10 (ten) trees.
- The north-east quadrant (Group 8) will require the removal of 55 (fifty five) trees, the retention of 41 (forty one) trees and the coppicing of 6 (six) trees. (One tree has been removed since the original survey).
- The north-west quadrant (Group 9) will require the removal of 73 (seventy three) trees, the retention of 67 (sixty seven) trees and the coppicing of 16 (sixteen) trees. (One tree has been removed since the original survey and one was a duplicate tree).
- The south-west quadrant (Group 10) will require the removal of 80 (eighty) trees, the retention of 53 (fifty three) trees and the coppicing of 13 (thirteen) trees.

28.3 Tree 14 (already noted by English Heritage for removal) and Trees 21, 46, G3.28 and G3.30 are recommended for removal for reasons of sound arboricultural management regardless of any development proposals. Therefore the removal of these poor quality trees should not have a bearing on this development proposal. If the client wishes G3.28 and G3.30 could be made safe and retained for habitat value as they stand within a group, subject to the acceptance of risk associated with the trees health and condition.

28.4 Overall the total number of trees to be removed (excluding U grade trees which will be either removed for sound arboricultural reasons or made safe for ecological benefit) is 285. The total number of proposed trees for this planning application is 342 to be planted in the appropriate season or either phase 2, 3 or 4 as fully detailed in the J&L Gibbons documents accompanying this planning application.

28.5 It is our opinion that the trees identified for retention can be afforded due respect and provided adequate protection throughout each stage and phase of works on site,

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ensuring their safe and healthy retention during the development process and have been fully considered throughout the design of the site development.

- 28.6 Whilst there will be short term loss of trees and vegetation through areas being thinned and replanted that will cause some short-term adverse impacts, it is our understanding from the project ecologist that there will be greater gains for wildlife in the medium and long term creating a healthier and more diverse tree stock.
- 28.7 The landscaping reinstatement works will, in time, provide a landscape setting that is more in keeping within the original landscape plans for the House and its grounds. Given the extensive number of trees on site both individually and within groups the loss of the trees as detailed within this report will not have a detrimental impact on the treed nature of the grounds of Marble Hill House when considered with the detailed landscaping proposals that have been proposed by J&L Gibbons.
- 28.8 Provided the recommendations included within this report are strictly adhered to, and appropriate planning conditions are implemented to ensure that working methodologies are agreed, adopted and followed for site specific works by the appointed contractor following planning consent, CBA Trees believes the trees highlighted for retention within this report can be retained without undue stress on their long-term health.

### **29.0 CONTACT LIST**

- 29.1 It is suggested that points of contact and lines of communication are established prior to commencement of the works on site including:

|   |                              |
|---|------------------------------|
| Client:<br>Ndai Halisch, English Heritage<br><a href="mailto:Ndai.Halisch@english-heritage.org.uk">Ndai.Halisch@english-heritage.org.uk</a> | 07584 591 442                |
| Landscape Architects:<br>Neil Davidson, J&L Gibbons<br><a href="mailto:neil@jlg-london.com">neil@jlg-london.com</a>                         | 020 7226 1345                |
| Project Arboricultural Consultant:<br>Stefan Rose, CBA Trees<br><a href="mailto:srose@cbatrees.co.uk">srose@cbatrees.co.uk</a>              | 02380 986229<br>07917 138978 |
| Tree Officer<br>London Borough of Richmond Council<br><a href="mailto:trees@richmond.gov.uk">trees@richmond.gov.uk</a>                      | 0208 891 1411                |
| Site foreman/Supervisor   | To be appointed              |

### **30.0 BIBLIOGRAPHY**

- British Standard 5837:2012 –  
“Trees in Relation to Design, Demolition and Construction - Recommendations”
- British Standard 3998:2010 –

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#### *“Recommendations for Tree Work”*

- National Joint Utilities Group Publication Volume 4 –  
*“Guidelines for the planning, installation and maintenance of utility services in proximity to trees”*
- Wildlife and Countryside Act 1981
- Conservation of Habitats and Species Regulations 2010 (as amended)
- Town and Country Planning Acts









*The Professional Arboricultural Consultancy*

## TREE SURVEY NOTES

This Tree Survey has been undertaken within the recommendations of British Standards 5837:2012 and current arboricultural best practice.

- Each tree has been numbered and, where instructed, for future identification on site, has been tagged using small durable metal or plastic tags.
- Due to variations of existing ground levels through the site, height dimensions are estimated and are given in metres. Accurate heights, measured with the aid of optical instruments can be provided where instructed.
- Trunk/stem diameters are measured in mm at 1.5 metres above ground level, using a standard measuring tape as defined by British Standards, unless otherwise stated.
- Estimated branch spread is taken in metres from the centre of the trunk, at the four cardinal points of a compass, to achieve an accurate representation of the crown shape which will be recorded on the tree survey plan.

- An assessment of a tree's age classification is made in terms of its maturity within the site's landscape and defined as:

|           |   |                           |
|-----------|---|---------------------------|
| <b>Y</b>  | = | <b>young trees</b>        |
| <b>SM</b> | = | <b>semi-mature trees</b>  |
| <b>EM</b> | = | <b>early mature trees</b> |
| <b>M</b>  | = | <b>mature trees</b>       |
| <b>OM</b> | = | <b>over-mature trees</b>  |

- An assessment of a tree's physiological condition is defined as:

|             |   |   |
|-------------|---|---|
| <b>Good</b> | = | <b>fully functioning biological system showing average vitality i.e. normal bud growth, leaf size, crown density and wound closure</b>  |
| <b>Fair</b> | = | <b>fully functioning biological system showing below average vitality i.e. reduced bud growth, smaller leaf size, lower crown density and reduced wound closure</b>                                 |
| <b>Poor</b> | = | <b>a biological system with limited functionality showing significantly below average vitality i.e. limited bud growth, small and chlorotic leaves, low crown density and limited wound closure</b> |
| <b>Dead</b> | = | <b>dead</b>   |

- An assessment of a tree's structural condition is defined as:

|             |   |   |
|-------------|---|---|
| <b>Good</b> | = | <b>no significant structural defects</b>  |
| <b>Fair</b> | = | <b>structural defects which could be alleviated through remedial tree surgery or management practices</b> |
| <b>Poor</b> | = | <b>structural defects which cannot be alleviated through tree surgery or management practices</b>         |
| <b>Dead</b> | = | <b>dead</b>   |

- An assessment of a tree's future life expectancy is defined as: **<10, 10+, 20+ or 40+ years.**

## Categorisation of Trees


The category for each tree is assessed using the recommendations of BS5837:2012. The assessment has not considered any site-specific development proposals, but will have considered any changes on or off-site which may have an effect on the conditions surrounding the surveyed trees.

The trees have been classified into one of the following categories (and one or more sub-categories [this will however not increase the value of the tree]) and are indicated on the associated drawings by colours as indicated.

|  |  |   |  |                                      |
|--|--|---|--|--------------------------------------|
| <b>Category U</b>  |  |   |  | <b>Identification colour on plan</b> |
| Trees 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> |   |  | <b>DARK RED</b>                      |
| <b>Category A</b>  | <b>1 – Mainly arboricultural values</b>  | <b>2 – Mainly landscape values</b>  | <b>3 – Mainly cultural values</b>  | <b>Identification colour on plan</b> |
| <b>Trees of high quality</b> 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) | <b>LIGHT GREEN</b>                   |
| <b>Category B</b>  | <b>1 – Mainly arboricultural values</b>  | <b>2 – Mainly landscape values</b>  | <b>3 – Mainly cultural values</b>  | <b>Identification colour on plan</b> |
| <b>Trees of moderate quality</b> with an estimated remaining life expectancy of at least 20 years  | Trees that might be included in category A, but are down-graded 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 value or other cultural value   | <b>MID BLUE</b>                      |
| <b>Category C</b>  | <b>1 – Mainly arboricultural values</b>  | <b>2 – Mainly landscape values</b>  | <b>3 – Mainly cultural values</b>  | <b>Identification colour on plan</b> |
| <b>Trees of low quality</b> with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm        | 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  | <b>GREY</b>                          |

Clients are advised that Tree Surveys are a basic data collection exercise and record of tree condition at the time of survey. This will identify any visible signs of ill-health or major defects, advising a further detailed investigation where appropriate. This will most often take the form of a request for either “*full ground level inspection*” or “*climbing inspection required*”. There may also be a further reference to the need for “*decay detection equipment*” to aid diagnosis. A tree survey does not include a comprehensive schedule or specification of remedial tree works, but may contain a guide to the work which might be undertaken by a prudent tree owner, purely for reasons of health and safety.

A Tree Survey should not be confused with a Tree Inspection or Arboricultural Implication Assessment, which are totally separate exercises.

|   |                                       |  |
|---|---------------------------------------|--|
|  | <b>BS5837:2012 TREE SURVEY REPORT</b> |  |
|   | Site:                                 | Marble Hill House and Park   |
|   | Date:                                 | 25 & 27 October & 02 November 2016<br>09 May 2017 (Trees G3.31-G3.54; G7.17-G7.205; G8.13-G8.103; G9.19-G9.158)  |
|   | Consultant:                           | Stefan Rose <i>BSc (Hons), TechCert (Arbor.A)</i><br>James Fuller <i>FdSc.Arb, BTEC Nat.Dip.Arb, TechArbor.A</i> |
|   | Tagged:                               | No   |

## Notes:

1. It may be advised that some trees should have the ivy removed to enable a re-survey to be carried out. This would also alleviate the tree from becoming suppressed; carrying additional weight that increases the chance of windthrow due to a larger dense crown area; and only receiving restricted light. Unless otherwise stated, in order to prevent regrowth, it is only necessary to remove a 300mm section of ivy and clear around the base.
2. It may be advised that it was only possible to estimate the diameter of some trees because of ivy smothering, dense vegetation, or trees located off-site with no access.
3. The estimated remaining contribution in years, and the tree grading category have been calculated for the current situation and may alter where further investigation works are advised.
4. Some trees or groups may have been given an interim grade. The reason for the interim grading is addressed in the timescales given as this may have a bearing on health and safety and/or any development proposals.
5. Tree Groups have been assessed with estimated and representative data.
6. This is not a Tree Works Schedule. Any preliminary management recommendations are listed in the interests of health and safety and should be carried out by a prudent tree owner.
7. Any management recommendations are suggested for reasons of health and safety only, regardless of development proposals at this stage. However, the defects requiring remedial tree surgery are by their very nature potential wildlife habitats, including protected species which needs consideration prior to any tree surgery works commencing.
8.
  - a) At this stage the Root Protection Area (RPA) information is for your guidance and ongoing discussion purposes only as it assumes that all but the 'U' grade trees will be retained, which may not be the case.
  - b) For all single stem trees with a stem diameter greater than 1250mm, and multi-stem trees with a stem diameter greater than 1500mm, the calculated RPA has been capped at 707m<sup>2</sup> in accordance with Section 4.6.1 of BS5837:2012.
9. Trees marked with \* are indicatively plotted on the associated Tree Survey Plan.

**TREE PRESERVATION ORDER/CONSERVATION AREA:**

CBA Trees has been instructed to investigate whether trees on or adjacent to the site are protected by a Tree Preservation Order or located within a Conservation Area and Richmond Council has confirmed that the site lies within the CA8 Twickenham Riverside Conservation Area but there are no Tree Preservation Orders protecting trees on the site.

| Tree No | Species                                      | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)              | H't of Crown AGL (m)             | Life Stage  | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|--|---------|--------------------------------|----------------|--|------------------------------|--------------------------------|----------------------------------|-------------|-------------------------|---|--|--------------------------|------|
| 1       | Tree of Heaven<br><i>Ailanthus altissima</i> | 9       | S                              | 220            | 22                                     | 2.6                          | N 4<br>E 4<br>S 4<br>W 3       | N 4<br>E 4<br>S 4<br>W 4         | Semi-mature | Good                    | Structural Condition - Fair<br><br>Developing tree<br>Old pruning wounds<br>Minor deadwood in crown<br>Bark wound on north side of trunk at 1m above ground level occluding   | None required at time of survey        | 20+                      | C1+2 |
| 2       | Common Hornbeam<br><i>Carpinus betulus</i>   | 5       | S                              | 75             | 3                                      | 0.9                          | N 1<br>E 1.5<br>S 1<br>W 1.5   | N 2<br>E 2<br>S 2<br>W 2         | Young       | Good                    | Structural Condition - Fair<br><br>Old pruning wounds<br>Epicormics on trunk<br>Developing tree   | None required at time of survey        | 40+                      | C2+1 |
| 3       | Pedunculate Oak<br><i>Quercus robur</i>      | 5       | S                              | 150            | 10                                     | 1.8                          | N 3<br>E 3<br>S 2.5<br>W 3     | N 1.5<br>E 1.5<br>S 1.5<br>W 1.5 | Young       | Good                    | Structural Condition - Fair<br><br>Bifurcated at 2.5m above ground level<br>Tight forks with included bark<br>Epicormics in crown<br>Developing tree<br>Low hanging branches<br>Minor deadwood in crown<br>Old pruning wounds | Remove secondary leader                | 40+                      | B2+1 |
| 4       | Pedunculate Oak<br><i>Quercus robur</i>      | 3       | S                              | 80             | 3                                      | 1.0                          | N 3<br>E 2.5<br>S 2.5<br>W 2.5 | N 1<br>E 1<br>S 1<br>W 1         | Young       | Good                    | Structural Condition - Good<br><br>Developing tree<br>Low hanging branches<br>Old pruning wounds  | None required at time of survey        | 40+                      | C1+2 |
| 5       | Silver Birch<br><i>Betula pendula</i>        | 5       | S                              | 100            | 5                                      | 1.2                          | N 2<br>E 2<br>S 2.5<br>W 2.5   | N 1<br>E 1<br>S 1<br>W 1         | Young       | Good                    | Structural Condition - Good<br><br>Developing tree<br>Low hanging branches<br>Good shape and form   | None required at time of survey        | 40+                      | C1   |

| Tree No | Species                                  | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)           | H't of Crown AGL (m)         | Life Stage | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations       | Est. Rem. Contrib. (Yrs) | Cat             |
|---------|--|---------|--------------------------------|----------------|--|------------------------------|-----------------------------|------------------------------|------------|-------------------------|---|--|--------------------------|-----------------|
| 6       | Sweet Chestnut<br><i>Castanea sativa</i> | 19      | S                              | 930            | 391                                    | 11.2                         | N 8<br>E 8<br>S 10<br>W 8   | N 1.5<br>E 2<br>S 1.5<br>W 2 | Mature     | Good                    | Structural Condition - Good<br><br>Epicormics on trunk and in crown<br>Low hanging branches<br>Minor deadwood in crown<br>Old pruning wounds  | None required at time of survey              | 20+                      | B1+2            |
| 7       | Pedunculate Oak<br><i>Quercus robur</i>  | 18      | S                              | 970            | 426                                    | 11.6                         | N 10<br>E 9<br>S 11<br>W 10 | N 1.5<br>E 2<br>S 2<br>W 2   | Mature     | Good                    | Structural Condition - Good<br><br>Large surface roots<br>Exposed surface roots<br>Epicormics in crown<br>Major deadwood in crown   | Remove major deadwood                        | 40+                      | A1              |
| 8       | Pedunculate Oak<br><i>Quercus robur</i>  | 16      | S                              | 1000           | 452                                    | 12.0                         | N 7.5<br>E 9<br>S 8<br>W 9  | N 4<br>E 5<br>S 5<br>W 5     | Mature     | Good                    | Structural Condition - Fair<br><br>Bifurcated at 5.0m above ground level<br>Epicormics in crown<br>Major deadwood in crown<br>Old pruning wounds<br>Bark wounds<br>Branch tear out wounds and wildlife holes on main scaffold branches on trunk | Climbing inspection<br>Remove major deadwood | 20+                      | B1+2<br>Interim |
| 9       | Robinia<br><i>Robinia pseudoacacia</i>   | 15      | S                              | 990            | 443                                    | 11.9                         | N 9<br>E 3<br>S 4<br>W 6    | N 4<br>E 3<br>S 6<br>W 3     | Mature     | Fair                    | Structural Condition - Fair<br><br>Major deadwood in crown<br>Old pruning wounds<br>Previously crown reduced<br>Crown shape distorted due to group pressure<br>Dessicated fungal fruiting body at base<br>Bifurcated at 3m above ground level   | None required at time of survey              | 10+                      | C1+2            |

| Tree No | Species   | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)          | H't of Crown AGL (m)     | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|---|---------|--------------------------------|----------------|--|------------------------------|----------------------------|--------------------------|--------------|-------------------------|---|--|--------------------------|------|
| 10      | Robinia<br><i>Robinia pseudoacacia</i>                            | 21      | S                              | 830            | 312                                    | 10.0                         | N 5<br>E 5<br>S 4<br>W 4   | N 3<br>E 3<br>S 3<br>W 3 | Mature       | Good                    | Structural Condition - Fair<br><br>Previously crown reduced<br>Old pruning wounds<br>Minor deadwood in crown<br>Epicormics on trunk and in crown<br>Crown shape distorted due to group pressure | None required at time of survey        | 10+                      | C1+2 |
| 11      | Atlas Cedar<br><i>Cedrus atlantica</i><br><i>Blue Atlas Cedar</i> | 14      | S                              | 620            | 174                                    | 7.4                          | N 8<br>E 8.5<br>S 8<br>W 8 | N 1<br>E 1<br>S 1<br>W 1 | Early Mature | Good                    | Structural Condition - Fair<br><br>Minor deadwood in crown<br>Low hanging branches<br>Numerous branch tears on trunk<br>Upper crown shape distorted due to lost branches                        | None required at time of survey        | 20+                      | B1   |
| 12      | Common Horse Chestnut<br><i>Aesculus hippocastanum</i>            | 21      | S                              | 990            | 443                                    | 11.9                         | N 7<br>E 7<br>S 8<br>W 7   | N 5<br>E 6<br>S 6<br>W 6 | Mature       | Fair                    | Structural Condition - Fair<br><br>Epicormics on trunk and in crown<br>Old pruning wounds<br>Previously crown reduced<br>Bifurcated at 13m above ground level<br>Minor deadwood in crown        | None required at time of survey        | 20+                      | B1+2 |
| 13      | Sycamore<br><i>Acer pseudoplatanus</i>                            | -       | -                              | -              | -                                      | -                            | -                          | -                        | -            | -                       | Tree has been removed since original survey   | -                                      | -                        | -    |
| 14      | Robinia<br><i>Robinia pseudoacacia</i>                            | -       | -                              | -              | -                                      | -                            | -                          | -                        | -            | -                       | Tree has been removed since original survey   | -                                      | -                        | -    |

| Tree No | Species                               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)            | H't of Crown AGL (m)           | Life Stage      | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|---------------------------------------|---------|--------------------------------|----------------|--|------------------------------|------------------------------|--------------------------------|-----------------|-------------------------|---|--|--------------------------|------|
| 15      | Flowering Cherry<br><i>Prunus sp.</i> | 4       | S                              | 200<br>140     | 18                                     | 2.4                          | N 3.5<br>E 3<br>S 3<br>W 3   | N 2<br>E 2<br>S 2<br>W 2       | Early<br>Mature | Good                    | Structural Condition - Fair<br><br>Bifurcated at 1.2m above ground level<br>Bark wounds<br>Low hanging branches<br>Minor deadwood in crown<br>Old pruning wounds<br>Grafted at 1.0m above ground level  | None required at time of survey        | 20+                      | B1+2 |
| 16      | Common Yew<br><i>Taxus baccata</i>    | 11      | S                              | 910            | 375                                    | 10.9                         | N 6.5<br>E 6<br>S 6.5<br>W 6 | N 3<br>E 2.5<br>S 2.5<br>W 2.5 | Mature          | Good                    | Structural Condition - Good<br><br>Epicormics in crown<br>Minor deadwood in crown<br>Ground compaction around base  | None required at time of survey        | 40+                      | A1+2 |
| 17      | Common Lime<br><i>Tilia europaea</i>  | 19      | S                              | 980            | 434                                    | 11.8                         | N 6<br>E 4<br>S 8<br>W 7     | N 2<br>E 3<br>S 1.5<br>W 1.5   | Mature          | Good                    | Structural Condition - Good<br><br>Large buttress roots<br>Minor deadwood in crown<br>Low hanging branches<br>Crown shape distorted due to group pressure   | None required at time of survey        | 20+                      | B1+2 |
| 18      | Common Lime<br><i>Tilia europaea</i>  | 16      | S                              | 970            | 426                                    | 11.6                         | N 5<br>E 9<br>S 9<br>W 2     | N 2<br>E 2<br>S 1<br>W 2       | Mature          | Good                    | Structural Condition - Fair<br><br>Bifurcated at 2.0m above ground level<br>Basal suckers<br>Epicormics on trunk and in crown<br>Low hanging branches<br>Minor deadwood in crown<br>Old pruning wounds<br>Trunk shape distorted due to group pressure<br>Previously crown reduced<br>Leans east | None required at time of survey        | 10+                      | C1+2 |
| 19      | Flowering Cherry<br><i>Prunus sp.</i> | 4       | S                              | 190            | 16                                     | 2.3                          | N 3<br>E 3<br>S 3<br>W 3     | N 2<br>E 2<br>S 2<br>W 2       | Semi-mature     | Good                    | Structural Condition - Good<br><br>Multi-stemmed at 2m above ground level   | None required at time of survey        | 20+                      | C1   |

| Tree No | Species                                 | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)              | H't of Crown AGL (m)         | Life Stage  | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|---|---------|--------------------------------|----------------|--|------------------------------|--------------------------------|------------------------------|-------------|-------------------------|--|--|--------------------------|------|
| 20      | Flowering Cherry<br><i>Prunus sp.</i>   | 6       | S                              | 180            | 15                                     | 2.2                          | N 3<br>E 2<br>S 3<br>W 2       | N 2<br>E 2<br>S 2<br>W 2     | Semi-mature | Good                    | Structural Condition - Fair<br><br>Minor deadwood in crown<br>Tight forks with included bark<br>Multi-stemmed at 1.75m above ground level  | None required at time of survey        | 20+                      | C1+2 |
| 21      | Common Elder<br><i>Sambucas nigra</i>   | 6       | MS x 6                         | 120            | -                                      | -                            | N 4<br>E 0.5<br>S 3<br>W 1.5   | N 2<br>E 2<br>S 2<br>W 2     | Semi-mature | Fair                    | Structural Condition - Poor<br><br>Multi-stemmed at ground level<br>Bark necrosis on stems   | Advise removal                         | <10                      | U    |
| 22      | Sycamore<br><i>Acer pseudoplatanus</i>  | 11      | MS                             | 240<br>250     | 54                                     | 4.2                          | N 5<br>E 3.5<br>S 4.5<br>W 2   | N 2<br>E 2<br>S 2<br>W 2     | Semi-mature | Good                    | Structural Condition - Fair<br><br>Bifurcated at 1.0m above ground level<br>Crown shape distorted due to group pressure<br>Epicormics in crown<br>Low hanging branches<br>Minor deadwood in crown<br>Weighted east | None required at time of survey        | 10+                      | C1+2 |
| 23      | Pedunculate Oak<br><i>Quercus robur</i> | 8       | S                              | 350            | 55                                     | 4.2                          | N 5.5<br>E 5.5<br>S 5.5<br>W 1 | N 2<br>E 1.5<br>S 1.5<br>W 2 | Semi-mature | Good                    | Structural Condition - Good<br><br>Crown shape distorted due to group pressure<br>Minor deadwood in crown<br>Multi-stemmed at 2m above ground level  | None required at time of survey        | 40+                      | B1+2 |
| 24      | Common Ash<br><i>Fraxinus excelsior</i> | 13      | S                              | 330            | 49                                     | 4.0                          | N 6<br>E 4<br>S 5<br>W 5       | N 3<br>E 3<br>S 2<br>W 2     | Semi-mature | Good                    | Structural Condition - Good<br><br>Crown shape distorted due to group pressure<br>Low hanging branches<br>Minor deadwood in crown  | None required at time of survey        | 20+                      | B1+2 |



| Tree No | Species                                     | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)           | H't of Crown AGL (m)         | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|---|---------|--------------------------------|----------------|--|------------------------------|-----------------------------|------------------------------|--------------|-------------------------|---|--|--------------------------|------|
| 25      | Flowering Cherry<br><i>Prunus sp.</i>       | 4       | S                              | 400            | 72                                     | 4.8                          | N 6<br>E 4.5<br>S 8<br>W 7  | N 2<br>E 2<br>S 1.5<br>W 2   | Early Mature | Good                    | Structural Condition - Fair<br><br>Large buttress roots<br>Minor deadwood in crown<br>Crown shape distorted due to group pressure<br>Low hanging branches<br>Old pruning wounds<br>Multi-stemmed at 1.5m above ground level | None required at time of survey        | 10+                      | C1+2 |
| 26      | Holm Oak<br><i>Quercus ilex</i>             | 9       | S                              | 530            | 127                                    | 6.4                          | N 7<br>E 7<br>S 7<br>W 7    | N 2<br>E 2<br>S 2<br>W 2     | Early Mature | Good                    | Structural Condition - Fair<br><br>Epicormics in crown<br>Minor deadwood in crown<br>Old pruning wounds<br>Multi-stemmed at 4.0m above ground level   | None required at time of survey        | 20+                      | B1+2 |
| 27      | Red Oak<br><i>Quercus rubra</i>             | 15      | S                              | 830            | 312                                    | 10.0                         | N 9<br>E 9<br>S 10<br>W 9   | N 4<br>E 2<br>S 2<br>W 2     | Mature       | Good                    | Structural Condition - Good<br><br>Large buttress roots<br>Old pruning wounds<br>Minor deadwood in crown  | None required at time of survey        | 40+                      | A1+2 |
| 28      | Common Walnut<br><i>Juglans regia</i>       | 7       | S                              | 350            | 55                                     | 4.2                          | N 6<br>E 6<br>S 6.5<br>W 6  | N 2<br>E 2<br>S 2<br>W 2     | Semi-mature  | Good                    | Structural Condition - Good<br><br>Bifurcated at 3.0m above ground level<br>Low hanging branches<br>Minor deadwood in crown<br>Old pruning wounds   | None required at time of survey        | 20+                      | B1+2 |
| 29      | London Plane<br><i>Platanus x hispanica</i> | 22      | S                              | 1320           | 707                                    | 15                           | N 11<br>E 7<br>S 12<br>W 12 | N 2<br>E 4<br>S 1.5<br>W 1.5 | Mature       | Good                    | Structural Condition - Good<br><br>Major deadwood in crown<br>Low hanging branches<br>Old pruning wounds  | Remove deadwood                        | 40+                      | A1+2 |

| Tree No | Species                                      | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)             | H't of Crown AGL (m)         | Life Stage   | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations  | Est. Rem. Contrib. (Yrs) | Cat             |
|---------|--|---------|--------------------------------|----------------|--|------------------------------|-------------------------------|------------------------------|--------------|-------------------------|--|---|--------------------------|-----------------|
| 30      | London Plane<br><i>Platanus x hispanica</i>  | 14      | S                              | 1220           | 673                                    | 14.6                         | N 9<br>E 8<br>S 9<br>W 7      | N 4<br>E 4<br>S 3<br>W 4     | Mature       | Fair                    | Structural Condition - Fair<br><br>Crown shape distorted due to group pressure<br>Major deadwood in crown<br>Old pruning wounds<br>Cavity at base on east side   | Full ground level inspection using decay detection equipment<br>Remove major deadwood | 20+                      | B1+2<br>Interim |
| 31      | Honey Locust<br><i>Gleditsia triacanthos</i> | 14      | S                              | 570            | 147                                    | 6.8                          | N 8<br>E 8<br>S 7<br>W 9      | N 3<br>E 2.5<br>S 2.5<br>W 2 | Mature       | Good                    | Structural Condition - Fair<br><br>Bifurcated at 3.5m above ground level<br>Major deadwood in crown<br>Old pruning wounds<br>Mechanical damage to surface roots  | None required at time of survey   | 20+                      | B1+2            |
| 32      | Turkey Oak<br><i>Quercus cerris</i>          | 15      | S                              | 640            | 185                                    | 7.7                          | N 7.5<br>E 9<br>S 9<br>W 10.5 | N 3<br>E 4<br>S 2<br>W 3     | Early Mature | Good                    | Structural Condition - Fair<br><br>Exposed surface roots<br>Tight forks with included bark<br>Major deadwood in crown<br>Crown shape distorted due to group pressure<br>Bifurcated at 2m above ground level<br>Bark wounds on under side of branches to west | Remove major deadwood   | 20+                      | B1+2            |
| 33      | London Plane<br><i>Platanus x hispanica</i>  | 20      | S                              | 1750           | 707                                    | 15                           | N 11<br>E 9<br>S 11<br>W 10   | N 2<br>E 4<br>S 3<br>W 5     | Mature       | Good                    | Structural Condition - Good<br><br>Boundary line tree<br>Ivy on trunk<br>Major deadwood in crown<br>Crown shape distorted due to group pressure  | Remove major deadwood   | 40+                      | A1+2            |
| 34      | London Plane<br><i>Platanus x hispanica</i>  | 22      | S                              | 1650           | 707                                    | 15                           | N 17<br>E 14<br>S 11<br>W 6   | N 3<br>E 3<br>S 4<br>W 3     | Mature       | Good                    | Structural Condition - Fair<br><br>Crown shape distorted due to group pressure<br>Epicormics in crown<br>Minor deadwood in crown<br>Old pruning wounds<br>Leans and weighted east  | None required at time of survey   | 40+                      | B1+2            |

| Tree No | Species                                     | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)            | H't of Crown AGL (m)             | Life Stage  | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations                       | Est. Rem. Contrib. (Yrs) | Cat             |
|---------|---|---------|--------------------------------|----------------|--|------------------------------|------------------------------|----------------------------------|-------------|-------------------------|---|--|--------------------------|-----------------|
| 35      | Common Ash<br><i>Fraxinus excelsior</i>     | 20      | S                              | 1190           | 641                                    | 14.3                         | N 8<br>E 11.5<br>S 11<br>W 7 | N 4<br>E 3<br>S 2<br>W 6         | Mature      | Good                    | Structural Condition - Fair<br><br>Boundary line tree<br>Previously pollarded<br>Minor deadwood in crown<br>Crown shape distorted due to group pressure<br>Branch tears in crown<br>Cavities in crown | None required at time of survey                              | 20+                      | B1+2            |
| 36      | London Plane<br><i>Platanus x hispanica</i> | 16      | S                              | 2000           | 707                                    | 15                           | N 17<br>E 15<br>S 14<br>W 13 | N 0<br>E 1<br>S 2<br>W 0         | Mature      | Good                    | Structural Condition - Good<br><br>Minor deadwood in crown<br>Low hanging branches<br>Boundary line tree  | None required at time of survey                              | 40+                      | A1+2            |
| 37      | Silver Maple<br><i>Acer saccharinum</i>     | 18      | S                              | 1210           | 662                                    | 14.5                         | N 15<br>E 16<br>S 5<br>W 9   | N 0<br>E 2<br>S 3<br>W 2         | Mature      | Good                    | Structural Condition - Fair<br><br>Trunk and crown shape distorted<br>Low hanging branches<br>Ganoderma fungal fruiting body at base on south-east side<br>Bifurcated at 3m above ground level        | Full ground level inspection using decay detection equipment | 20+                      | B1+2<br>Interim |
| 38      | London Plane<br><i>Platanus x hispanica</i> | 18      | S                              | 1650           | 707                                    | 15                           | N 13<br>E 13<br>S 12<br>W 16 | N 2<br>E 2<br>S 2<br>W 1.5       | Mature      | Good                    | Structural Condition - Good<br><br>Major deadwood in crown<br>Low hanging branches<br>Old pruning wounds<br>Dead hanging branch over footpath on south-east side                                      | Remove major deadwood  | 40+                      | A1+2            |
| 39      | Black Walnut<br><i>Juglans nigra</i>        | 25      | S                              | 1900           | 707                                    | 15                           | N 18<br>E 18<br>S 14<br>W 17 | N 0.5<br>E 0.5<br>S 0.5<br>W 1.5 | Over Mature | Good                    | Structural Condition - Fair<br><br>Branch tearout wound<br>Old pruning wounds<br>Major deadwood in crown<br>Fenced off area around tree<br>Cavities in crown<br>Cobra bracing in crown                | None required at time of survey                              | 40+                      | A1+3            |

| Tree No | Species                                 | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)            | H't of Crown AGL (m)         | Life Stage   | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations                       | Est. Rem. Contrib. (Yrs) | Cat        |
|---------|---|---------|--------------------------------|----------------|--|------------------------------|------------------------------|------------------------------|--------------|-------------------------|--|--|--------------------------|------------|
| 40      | Common Lime<br><i>Tilia europaea</i>    | 8       | S                              | 310            | 43                                     | 3.7                          | N 5<br>E 3<br>S 4<br>W 4.5   | N 1<br>E 1.5<br>S 2<br>W 1.5 | Semi-mature  | Good                    | Structural Condition - Fair<br><br>Bifurcated at 3.0m above ground level<br>Epicormics in crown<br>Low hanging branches<br>Minor deadwood in crown   | None required at time of survey                              | 10+                      | C1+2       |
| 41      | Common Lime<br><i>Tilia europaea</i>    | 21      | S                              | 700            | 222                                    | 8.4                          | N 9<br>E 5<br>S 6<br>W 7     | N 1<br>E 1<br>S 3<br>W 2     | Early Mature | Good                    | Structural Condition - Fair<br><br>Bifurcated at 5.0m above ground level<br>Epicormics on trunk and in crown<br>Crown shape distorted due to group pressure<br>Previously crown reduced<br>Old pruning wounds<br>Minor deadwood in crown<br>Low hanging branches                               | None required at time of survey                              | 20+                      | B1+2       |
| 42      | Common Lime<br><i>Tilia europaea</i>    | 21      | S                              | 810            | 297                                    | 9.7                          | N 10<br>E 6<br>S 8<br>W 9    | N 1.5<br>E 2<br>S 2<br>W 1.5 | Mature       | Good                    | Structural Condition - Good<br><br>Crown shape distorted due to group pressure<br>Minor deadwood in crown<br>Low hanging branches<br>Old pruning wounds<br>Previously crown reduced<br>Epicormics on trunk<br>Branch tears in crown<br>Dead hanging branch in crown on east side over footpath | Remove major deadwood  | 20+                      | B1+2       |
| 43      | Pedunculate Oak<br><i>Quercus robur</i> | 21      | S                              | 1470           | 707                                    | 15                           | N 8<br>E 8<br>S 12.5<br>W 10 | N 0<br>E 0.5<br>S 0<br>W 0   | Mature       | Good                    | Structural Condition - Fair<br><br>Major deadwood in crown<br>Branch tear<br>Old pruning wounds<br>Low hanging branches<br>Large cavity at base on south-east side<br>Wildlife holes throughout<br>Dessicated fungi in crown to south around wildlife holes                                    | Full ground level inspection using decay detection equipment | 40+                      | A1 Interim |

| Tree No | Species                                  | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)                  | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)          | H't of Crown AGL (m)           | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|--|---------|--------------------------------|---------------------------------|--|------------------------------|----------------------------|--------------------------------|--------------|-------------------------|---|--|--------------------------|------|
| 44      | Common Lime<br><i>Tilia europaea</i>     | 15      | S                              | 470                             | 100                                    | 5.6                          | N 5<br>E 5<br>S 5<br>W 5.5 | N 1.5<br>E 1<br>S 1.5<br>W 1.5 | Early Mature | Good                    | Structural Condition - Fair<br><br>Epicormics on trunk and in crown<br>Bifurcated at 5.0m above ground level<br>Low hanging branches<br>Minor deadwood in crown<br>Old pruning wounds                               | None required at time of survey        | 20+                      | B1+2 |
| 45      | Common Ash<br><i>Fraxinus excelsior</i>  | 14      | S                              | 480                             | 104                                    | 5.8                          | N 6<br>E 6<br>S 6<br>W 7   | N 2<br>E 2<br>S 2<br>W 2       | Early Mature | Good                    | Structural Condition - Fair<br><br>Bifurcated at 4.0m above ground level<br>Epicormics in crown<br>Minor deadwood in crown<br>Low hanging branches<br>Old pruning wounds  | None required at time of survey        | 20+                      | B1+2 |
| 46      | Birch 'Youngii'<br><i>Betula youngii</i> | -       | -                              | -                               | -                                      | -                            | -                          | -                              | -            | -                       | Tree has been removed since original survey   | -                                      | -                        | -    |
| 47      | Common Yew<br><i>Taxus baccata</i>       | 7       | MS                             | 200<br>170<br>250<br>200<br>190 | 78                                     | 5.0                          | N 5<br>E 5<br>S 3<br>W 4   | N 2<br>E 2<br>S 3<br>W 1.5     | Early Mature | Good                    | Structural Condition - Fair<br><br>Multi stemmed at ground level<br>Epicormics on trunk and in crown<br>Old pruning wounds<br>Minor deadwood in crown<br>Low hanging branches<br>Wall to south                      | None required at time of survey        | 10+                      | C1+2 |
| 48      | Holm Oak<br><i>Quercus ilex</i>          | 20      | S                              | 820                             | 304                                    | 9.8                          | N 8<br>E 6<br>S 11<br>W 6  | N 3<br>E 5<br>S 4<br>W 4       | Mature       | Good                    | Structural Condition - Good<br><br>Crown shape distorted<br>Minor deadwood in crown<br>Old pruning wounds<br>Multi-stemmed at 4.0m above ground level<br>Previously crown reduced on east side away from main house | None required at time of survey        | 40+                      | B1   |

| Tree No | Species                                  | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)                  | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)              | H't of Crown AGL (m)     | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations  | Est. Rem. Contrib. (Yrs) | Cat             |
|---------|--|---------|--------------------------------|---------------------------------|--|------------------------------|--------------------------------|--------------------------|--------------|-------------------------|---|---|--------------------------|-----------------|
| 49      | Birch 'Youngii'<br><i>Betula youngii</i> | 3       | S                              | 340                             | 52                                     | 4.1                          | N 3.5<br>E 6.5<br>S 5<br>W 4.5 | N 0<br>E 0<br>S 0<br>W 0 | Early Mature | Good                    | Structural Condition - Good<br><br>Crown shape distorted<br>Low hanging branches<br>Old pruning wounds<br>Multi-stemmed at 2.0m above ground level  | None required at time of survey         | 20+                      | C1              |
| 50      | Common Elder<br><i>Sambucas nigra</i>    | 4       | MS                             | 120<br>100<br>100<br>160<br>130 | 35                                     | 3.3                          | N 3<br>E 5<br>S 2<br>W 1       | N 2<br>E 2<br>S 2<br>W 2 | Semi-mature  | Fair                    | Structural Condition - Fair<br><br>Minor deadwood in crown<br>Poor quality tree<br>Poor shape and form<br>Multi-stemmed at ground level<br>Growing in car park from base of wall<br>Stem and crown shape distorted<br>Biased to east    | None required at time of survey         | 10+                      | C1              |
| 51*     | Common Yew<br><i>Taxus baccata</i>       | 7       | S                              | 240                             | 26                                     | 2.9                          | N 3<br>E 3<br>S 3<br>W 3       | N 2<br>E 2<br>S 2<br>W 2 | Semi-mature  | Good                    | Structural Condition - Good<br><br>Offsite tree<br>Old pruning wounds<br>Crown shape distorted due to group pressure<br>Epicormics on trunk and in crown<br>Low hanging branches<br>Minor deadwood in crown                             | None required at time of survey         | 20+                      | B1+2            |
| 52*     | Sycamore<br><i>Acer pseudoplatanus</i>   | 10      | S                              | 550                             | 137                                    | 6.6                          | N 4<br>E 4<br>S 4<br>W 4       | N 4<br>E 4<br>S 3<br>W 3 | Early Mature | Good                    | Structural Condition - Fair<br><br>Offsite tree<br>Unable to verify health and safety due to no access<br>Boundary line tree<br>Minor deadwood in crown<br>Old pruning wounds<br>Previously crown reduced<br>Wall between tree and site | Gain access and resurvey within 1 month | 20+                      | C1+2<br>Interim |

| Tree No | Species                                    | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)            | H't of Crown AGL (m)       | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|--|---------|--------------------------------|----------------|--|------------------------------|------------------------------|----------------------------|--------------|-------------------------|---|--|--------------------------|------|
| 53      | Common Hornbeam<br><i>Carpinus betulus</i> | 13      | S                              | 490            | 109                                    | 5.9                          | N 6.5<br>E 4<br>S 4.5<br>W 8 | N 4.5<br>E 4<br>S 3<br>W 4 | Early Mature | Good                    | Structural Condition - Fair<br><br>Crown shape distorted due to group pressure<br>Epicormics on trunk and in crown<br>Low hanging branches<br>Major deadwood in crown<br>Bifurcated at 4.5m above ground level<br>Old pruning wounds<br>Weighted west | Remove major deadwood                  | 20+                      | C1+2 |
| 54      | Common Hornbeam<br><i>Carpinus betulus</i> | 18      | S                              | 620            | 174                                    | 7.4                          | N 6<br>E 2<br>S 8<br>W 7     | N 6<br>E 5<br>S 5<br>W 5   | Early Mature | Good                    | Structural Condition - Good<br><br>Ivy on trunk<br>Crown shape distorted due to group pressure<br>Minor deadwood in crown<br>Old pruning wounds<br>Previously crown reduced   | None required at time of survey        | 40+                      | B1+2 |
| 55      | Common Hornbeam<br><i>Carpinus betulus</i> | 18      | S                              | 570            | 147                                    | 6.8                          | N 7<br>E 7<br>S 4<br>W 4     | N 6<br>E 4<br>S 5<br>W 4   | Early Mature | Good                    | Structural Condition - Good<br><br>Epicormics on trunk<br>Old pruning wounds<br>Crown shape distorted due to group pressure<br>Minor deadwood in crown<br>Multi-stemmed at 5.0m above ground level  | None required at time of survey        | 40+                      | B1+2 |
| 56      | Common Hornbeam<br><i>Carpinus betulus</i> | 9       | S                              | 330            | 49                                     | 4.0                          | N 4<br>E 4<br>S 3<br>W 5     | N 4<br>E 3<br>S 3<br>W 3   | Semi-mature  | Fair                    | Structural Condition - Fair<br><br>Crown shape distorted due to group pressure<br>Epicormics on trunk and in crown<br>Previously crown reduced<br>Old pruning wounds  | None required at time of survey        | 10+                      | C1+2 |

| Tree No | Species  | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)        | H't of Crown AGL (m)       | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|--|---------|--------------------------------|----------------|--|------------------------------|--------------------------|----------------------------|--------------|-------------------------|---|--|--------------------------|------|
| 57      | Common Hornbeam<br><i>Carpinus betulus</i>             | 17      | S                              | 550            | 137                                    | 6.6                          | N 6<br>E 6<br>S 6<br>W 5 | N 5<br>E 2.5<br>S 4<br>W 5 | Early Mature | Good                    | Structural Condition - Fair<br><br>Bifurcated at 4.5m above ground level<br>Tight forks with included bark<br>Old pruning wounds<br>Minor deadwood in crown   | None required at time of survey        | 20+                      | B1+2 |
| 58      | Common Horse Chestnut<br><i>Aesculus hippocastanum</i> | 18      | S                              | 760            | 261                                    | 9.1                          | N 5<br>E 7<br>S 8<br>W 7 | N 2<br>E 2<br>S 2<br>W 2   | Early Mature | Fair                    | Structural Condition - Fair<br><br>Part of linear group<br>Crown shape distorted due to group pressure<br>Old pruning wounds<br>Bleeding canker on stem<br>Guignadia and camararia on foliage                               | None required at time of survey        | 20+                      | B1+2 |
| 59      | Common Horse Chestnut<br><i>Aesculus hippocastanum</i> | 19      | S                              | 1110           | 557                                    | 13.3                         | N 6<br>E 8<br>S 9<br>W 9 | N 5<br>E 4<br>S 3<br>W 4   | Mature       | Fair                    | Structural Condition - Fair<br><br>Bifurcated at 5.0m above ground level<br>Epicormics on trunk and in crown<br>Old pruning wounds<br>Previously crown reduced<br>Tight forks with included bark<br>Minor deadwood in crown | None required at time of survey        | 10+                      | C1+2 |
| 60      | Common Horse Chestnut<br><i>Aesculus hippocastanum</i> | 16      | S                              | 580            | 152                                    | 7.0                          | N 3<br>E 5<br>S 6<br>W 5 | N 4<br>E 2<br>S 2<br>W 2   | Early Mature | Fair                    | Structural Condition - Fair<br><br>Part of linear group<br>Old pruning wounds<br>Crossing branches<br>Crown shape distorted due to group pressure<br>Minor deadwood in crown<br>Multi-stemmed at 2m above ground level      | None required at time of survey        | 20+                      | B1+2 |



| Tree No | Species                                 | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)            | H't of Crown AGL (m)     | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|---|---------|--------------------------------|----------------|--|------------------------------|------------------------------|--------------------------|--------------|-------------------------|---|--|--------------------------|------|
| 61      | Common Walnut<br><i>Juglans regia</i>   | 17      | S                              | 580            | 152                                    | 7.0                          | N 10<br>E 12<br>S 11<br>W 5  | N 1<br>E 1<br>S 1<br>W 1 | Early Mature | Good                    | Structural Condition - Good<br><br>Crown shape distorted due to group pressure<br>Low hanging branches<br>Minor deadwood in crown<br>Suppressed by T39  | None required at time of survey        | 40+                      | A1+2 |
| 62      | Common Lime<br><i>Tilia europaea</i>    | 12      | S                              | 500            | 113                                    | 6.0                          | N 6<br>E 5<br>S 6<br>W 3     | N 2<br>E 2<br>S 2<br>W 2 | Early Mature | Good                    | Structural Condition - Good<br><br>Epicormics on trunk and in crown<br>Crown shape distorted due to group pressure<br>Minor deadwood in crown<br>Old pruning wounds<br>Car park edge tree                             | None required at time of survey        | 20+                      | B1+2 |
| 63      | Common Lime<br><i>Tilia europaea</i>    | 14      | S                              | 570            | 147                                    | 6.8                          | N 5<br>E 3<br>S 5<br>W 5     | N 3<br>E 2<br>S 2<br>W 2 | Early Mature | Good                    | Structural Condition - Good<br><br>Epicormics on trunk and in crown<br>Major deadwood in crown<br>Car park edge tree  | Remove major deadwood                  | 40+                      | B1+2 |
| 64      | Norway Maple<br><i>Acer platanoides</i> | 12      | S                              | 540            | 132                                    | 6.5                          | N 4<br>E 5<br>S 5.5<br>W 5   | N 5<br>E 4<br>S 3<br>W 3 | Early Mature | Fair                    | Structural Condition - Fair<br><br>Bark wound<br>Old pruning wounds<br>Previously crown reduced<br>Growing within car park<br>Roots lifting tarmac<br>Bifurcated at 4.0m above ground level<br>Top previously removed | None required at time of survey        | 10+                      | C1   |
| 65      | Turkey Oak<br><i>Quercus cerris</i>     | 20      | S                              | 1480           | 707                                    | 15                           | N 13<br>E 12<br>S 13<br>W 13 | N 1<br>E 1<br>S 1<br>W 1 | Mature       | Good                    | Structural Condition - Good<br><br>Large buttress roots<br>Major deadwood in crown<br>Low hanging branches<br>Old pruning wounds<br>Epicormics in crown   | Remove major deadwood                  | 40+                      | A1+2 |

| Tree No | Species  | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)        | H't of Crown AGL (m)     | Life Stage   | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|--|---------|--------------------------------|----------------|--|------------------------------|--------------------------|--------------------------|--------------|-------------------------|--|--|--------------------------|------|
| 66      | Common Lime<br><i>Tilia europaea</i>   | 24      | S                              | 1070           | 518                                    | 12.8                         | N 7<br>E 9<br>S 7<br>W 8 | N 4<br>E 5<br>S 5<br>W 4 | Mature       | Good                    | Structural Condition - Fair<br><br>Basal suckers<br>Epicormics on trunk and in crown<br>Low hanging branches<br>Minor deadwood in crown<br>Old pruning wounds  | None required at time of survey        | 20+                      | B1+2 |
| Grp 1   | Lime<br>Pedunculate Oak<br>Ash<br>Holly<br>Tree of Heaven<br>Hornbeam<br>False Acacia<br>Beech | 15      | S                              | See below      | See below                              | See below                    | N -<br>E -<br>S -<br>W - | N -<br>E -<br>S -<br>W - | Early Mature | Good                    | Structural Condition - Fair<br><br>Crown shape distorted due to group pressure<br>Epicormics on trunk and in crown<br>Low hanging branches<br>Minor deadwood in crown<br>Old pruning wounds<br>Tall and etiolated due to group pressure<br>Trunk shape distorted due to group pressure | None required at time of survey        | 20+                      | B1+2 |
| G1.1    | Ash  | -       | S                              | 390            | 69                                     | 4.7                          | -                        | -                        | Semi-mature  | -                       | Major deadwood   | -                                      | -                        | B1+2 |
| G1.2    | Common Horse Chestnut  | -       | S                              | 820            | 304                                    | 9.8                          | -                        | -                        | Early Mature | -                       | Guignardia and Camararia on foliage<br>Old pruning wounds in crown<br>Crown shape distorted  | -                                      | -                        | B1+2 |
| G1.3    | Common Hornbeam  | -       | S                              | 530            | 127                                    | 6.4                          | -                        | -                        | Early Mature | -                       | Trunk and crown shape distorted<br>Minor deadwood<br>Low hanging branches  | -                                      | -                        | B1+2 |
| G1.4    | Common Hornbeam  | -       | S                              | 430            | 84                                     | 5.2                          | -                        | -                        | Early Mature | -                       | Bark wounds on trunk<br>Crown shape distorted<br>Low hanging branches  | -                                      | -                        | B1+2 |
| G1.5    | Manna Ash  | -       | S                              | 420            | 80                                     | 5.0                          | -                        | -                        | Early Mature | -                       | Low hanging branches   | -                                      | -                        | B1+2 |
| G1.6    | Lombardy Poplar  | -       | S                              | 590            | 157                                    | 7.1                          | -                        | -                        | Early Mature | -                       | -  | -                                      | -                        | B1+2 |

| Tree No | Species               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat    |
|---------|-----------------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|--|--|--------------------------|--------|
| G1.7    | Lombardy Poplar       | -       | S                              | 270            | 33                                     | 3.2                          | -                 | -                    | Semi-mature  | -                       | -  | -                                      | -                        | C1+2   |
| G1.8    | Norway Maple          | -       | S                              | 240            | 26                                     | 2.9                          | -                 | -                    | Semi-mature  | -                       | Low hanging branches   | -                                      | -                        | C1+2   |
| G1.9    | Sweet Chestnut        | -       | S                              | 1270           | 707                                    | 15                           | -                 | -                    | Mature       | -                       | Previously topped<br>Basal suckers and epicormic growth form crown<br>Major bark wounds on trunk | Reduce canopy spread within 3 years    | -                        | C1+2+3 |
| G1.10   | Pedunculate Oak       | -       | S                              | 610            | 168                                    | 7.3                          | -                 | -                    | Early Mature | -                       | -  | -                                      | -                        | B1+2   |
| G1.11   | Pedunculate Oak       | -       | S                              | 510            | 118                                    | 6.1                          | -                 | -                    | Early Mature | -                       | Low hanging branches<br>Multi-stemmed at 3.0m above ground level m                               | -                                      | -                        | B1+2   |
| G1.12   | Sycamore              | -       | S                              | 560            | 142                                    | 6.7                          | -                 | -                    | Early Mature | -                       | Root severance on north side<br>Previously pollarded   | -                                      | -                        | C1+2   |
| G1.13   | Holm Oak              | -       | S                              | 470            | 100                                    | 5.6                          | -                 | -                    | Early Mature | -                       | Trunk and crown shape distorted<br>Exudate on trunk to south side                                | -                                      | -                        | B1+2   |
| G1.14   | Sycamore              | -       | S                              | 570            | 147                                    | 6.8                          | -                 | -                    | Mature       | -                       | -  | -                                      | -                        | C1+2   |
| G1.15   | Sycamore              | -       | S                              | 590            | 157                                    | 7.1                          | -                 | -                    | Early Mature | -                       | Crown shape distorted  | -                                      | -                        | C1+2   |
| G1.16   | Common Holly          | -       | S                              | 270            | 33                                     | 3.2                          | -                 | -                    | Early Mature | -                       | Leans east<br>Bifurcated at 2.1m above ground level  | -                                      | -                        | C1+2   |
| G1.17   | Common Holly          | -       | MS                             | 310<br>360     | 102                                    | 5.7                          | -                 | -                    | Mature       | -                       | Bifurcated at ground level<br>Tight forks with included bark                                     | -                                      | -                        | C1+2   |
| G1.18   | Common Horse Chestnut | -       | S                              | 760            | 261                                    | 9.1                          | -                 | -                    | Early Mature | -                       | Exudate on trunk<br>Bifurcated at 2.5m<br>Guignardia and camararia on foliage                    | -                                      | -                        | C1+2   |

| Tree No | Species               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|-----------------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|------|
| G1.19   | Common Ash            | -       | S                              | 460            | 96                                     | 5.5                          | -                 | -                    | Early Mature | -                       | Branch tears in crown<br>Low hanging branches<br>Minor deadwood<br>Old pruning wounds                                       | -                                      | -                        | C1+2 |
| G1.20   | Pedunculate Oak       | -       | S                              | 760            | 261                                    | 9.1                          | -                 | -                    | Mature       | -                       | Major deadwood in crown   | Remove deadwood                        | -                        | B1+2 |
| G1.21   | Sycamore              | -       | S                              | 680            | 209                                    | 8.2                          | -                 | -                    | Early Mature | -                       | Large buttress roots<br>Cavities in trunk at 5.0m, 7.0m and 9.0m above ground level on north-west side<br>Previously topped | -                                      | -                        | C1+2 |
| G1.22   | Common Horse Chestnut | -       | S                              | 680            | 209                                    | 8.2                          | -                 | -                    | Early Mature | -                       | Branch tear on trunk<br>Desire line under canopy<br>Guignadia and camararia on foliage                                      | -                                      | -                        | C1+2 |
| G1.23   | Common Horse Chestnut | -       | S                              | 570            | 147                                    | 6.8                          | -                 | -                    | Early Mature | -                       | Guignadia and camararia on foliage<br>Low hanging branches  | -                                      | -                        | B1+2 |
| G1.24   | Common Horse Chestnut | -       | S                              | 800            | 290                                    | 9.6                          | -                 | -                    | Early Mature | -                       | Bifurcated at 3.0m above ground level<br>Guignadia and camararia on foliage   | -                                      | -                        | C1+2 |
| G1.25   | Common Horse Chestnut | -       | S                              | 740            | 248                                    | 8.9                          | -                 | -                    | Early Mature | -                       | Guignadia and camararia on foliage  | -                                      | -                        | C1+2 |
| G1.26   | Flowering Cherry      | -       | S                              | 230            | 24                                     | 2.8                          | -                 | -                    | Semi-mature  | -                       | -   | -                                      | -                        | B1+2 |
| G1.27   | Common Lime           | -       | S                              | 910            | 375                                    | 10.9                         | -                 | -                    | Mature       | -                       | Basal suckers<br>Epicormics on trunk and in crown<br>Old pruning wounds on trunk<br>Deadwood in crown                       | Remove deadwood                        | -                        | C2+1 |
| G1.28   | Ash                   | -       | S                              | 300            | 41                                     | 3.6                          | -                 | -                    | Semi-mature  | -                       | Bifurcated at 7.0m above ground level   | -                                      | -                        | B1+2 |
| G1.29   | Ash                   | -       | S                              | 460            | 96                                     | 5.5                          | -                 | -                    | Early Mature | -                       | Bifurcated at 2m above ground level<br>Old pruning wounds on trunk<br>Deadwood in crown                                     | -                                      | -                        | C1+2 |

| Tree No | Species          | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|------------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|--|--|--------------------------|------|
| G1.30   | Common Ash       | -       | S                              | 280            | 35                                     | 3.4                          | -                 | -                    | Semi-mature  | -                       | Desire line to north-east<br>Bifurcated at 2.0m above ground level<br>Low hanging branches   | -                                      | -                        | C1+2 |
| G1.31   | Variegated Holly | -       | S                              | 400            | 72                                     | 4.8                          | -                 | -                    | Mature       | -                       | Bifurcated at 5.0m above ground level  | -                                      | -                        | C1+2 |
| G1.32   | Common Yew       | -       | S                              | 680            | 209                                    | 8.2                          | -                 | -                    | Semi-mature  | -                       | Mechanical damage to exposed surface roots<br>Bark wound on trunk<br>Bifurcated at 1.6m above ground level<br>Low hanging branches | -                                      | -                        | B1+2 |
| G1.33   | Common Yew       | -       | S                              | 340            | 52                                     | 4.1                          | -                 | -                    | Early Mature | -                       | Low hanging branches   | -                                      | -                        | B1+2 |
| G1.34   | Sycamore         | -       | S                              | 670            | 203                                    | 8.0                          | -                 | -                    | Early Mature | -                       | Large buttress roots<br>Desire line to south<br>Low hanging branches   | -                                      | -                        | B1+2 |
| G1.35   | Sycamore         | -       | S                              | 370            | 62                                     | 4.4                          | -                 | -                    | Early Mature | -                       | Low hanging branches   | -                                      | -                        | C1+2 |
| G1.36   | Common Beech     | -       | S                              | 930            | 391                                    | 11.2                         | -                 | -                    | Mature       | -                       | Low hanging branches<br>Old pruning wounds in crown<br>Bifurcated at 8.0m above ground level                                       | -                                      | -                        | B1+2 |
| G1.37   | Sycamore         | -       | S                              | 760            | 261                                    | 9.1                          | -                 | -                    | Early Mature | -                       | Trunk and crown shape distorted<br>Bifurcated at 4m above ground level<br>Cavities in crown  | -                                      | -                        | B1+2 |
| G1.38*  | Sweetgum         | -       | S                              | 310            | 43                                     | 3.7                          | -                 | -                    | Semi-mature  | -                       | Trunk shape distorted<br>Low hanging branches  | -                                      | -                        | C1+2 |
| G1.39   | Whitebeam        | -       | S                              | 400            | 72                                     | 4.8                          | -                 | -                    | Early Mature | -                       | Low hanging branches   | -                                      | -                        | B1+2 |
| G1.40   | Pedunculate Oak  | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | Developing tree  | -                                      | -                        | C1+2 |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|--|--|--------------------------|------|
| G1.41   | Sycamore        | -       | MS                             | 90<br>70       | 6                                      | 1.4                          | -                 | -                    | Young       | -                       | Basal suckers<br>Low hanging branches<br>Bifurcated at 1.2m above ground level<br>Squirrel damage in crown | -                                      | -                        | C1+2 |
| G1.42   | Highclere Holly | -       | S                              | 240            | 26                                     | 2.9                          | -                 | -                    | Semi-mature | -                       | -  | -                                      | -                        | C1+2 |
| G1.43   | Robinia         | -       | S                              | 230            | 24                                     | 2.8                          | -                 | -                    | Semi-mature | -                       | Trifurcated at 4.5m above ground level   | -                                      | -                        | C1+2 |
| G1.44*  | Robinia         | -       | S                              | 310            | 43                                     | 3.7                          | -                 | -                    | Semi-mature | -                       | Trifurcated at 1.6m above ground level<br>Low hanging branches   | -                                      | -                        | C1+2 |
| G1.45   | Common Hornbeam | -       | S                              | 510            | 118                                    | 6.1                          | -                 | -                    | Mature      | -                       | Low hanging branches<br>Leans north-east<br>Bark wound at base on north-west side                          | -                                      | -                        | C1+2 |
| G1.46   | Common Holly    | -       | S                              | 440            | 88                                     | 5.3                          | -                 | -                    | Mature      | -                       | -  | -                                      | -                        | C1+2 |
| G1.47   | Common Lime     | -       | S                              | 770            | 268                                    | 9.2                          | -                 | -                    | Mature      | -                       | Low hanging branches<br>Epicormics on trunk and in crown<br>Large old pruning wounds on trunk              | -                                      | -                        | B1+2 |
| G1.48   | Common Holly    | -       | MS                             | 320<br>200     | 64                                     | 4.5                          | -                 | -                    | Mature      | -                       | Bifurcated at 1m above ground level<br>Low hanging branches  | -                                      | -                        | C1+2 |
| G1.49*  | Robinia         | -       | MS                             | 30<br>40       | 1                                      | 0.6                          | -                 | -                    | Young       | -                       | Bifurcated at ground level<br>Natural regeneration   | -                                      | -                        | C1   |
| G1.50   | Tree of Heaven  | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | Developing tree  | -                                      | -                        | C1   |
| G1.51   | Robinia         | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young       | -                       | Bifurcated at 2.5m above ground level<br>Tight forks with included bark                                    | -                                      | -                        | C1   |
| G1.52   | Common Elder    | -       | MS<br>x 7                      | 120            | 46                                     | 3.8                          | -                 | -                    | Semi-mature | -                       | Multi-stemmed at ground level  | -                                      | -                        | C1+2 |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|------|
| G1.53   | Robinia         | -       | MS                             | 380<br>400     | 138                                    | 6.6                          | -                 | -                    | Early Mature | -                       | Young developing trees at base, Bifurcated at ground level<br>South-east side stem has cavity at base on north side | -                                      | -                        | C1+2 |
| G1.54   | Common Elder    | -       | MS<br>x 6                      | 190            | 98                                     | 5.6                          | -                 | -                    | Semi-mature  | -                       | Multi-stemmed at ground level   | -                                      | -                        | C1+2 |
| G1.55   | Sycamore        | -       | S                              | 120            | -                                      | -                            | -                 | -                    | Young        | -                       | Trunk and crown shape distorted<br>Squirrel damage on trunk   | Advise removal                         | -                        | U    |
| G1.56   | Robinia         | -       | S                              | 230            | 24                                     | 2.8                          | -                 | -                    | Semi-mature  | -                       | -   | -                                      | -                        | C1+2 |
| G1.57   | Common Yew      | -       | MS                             | 100<br>100     | 9                                      | 1.7                          | -                 | -                    | Young        | -                       | Bifurcated at ground level<br>Low hanging branches  | -                                      | -                        | C1+2 |
| G1.58   | Bay             | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | Trunk and crown shape distorted<br>Low hanging branches   | -                                      | -                        | C1+2 |
| G1.59   | Common Elder    | -       | MS<br>x 9                      | 190            | -                                      | -                            | -                 | -                    | Early Mature | -                       | Multi-stemmed at ground level<br>Major deadwood   | Advise removal                         | -                        | U    |
| G1.60   | Common Yew      | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young        | -                       | Developing tree   | -                                      | -                        | C1+2 |
| G1.61   | Common Lime     | -       | S                              | 1060           | 508                                    | 12.7                         | -                 | -                    | Mature       | -                       | Basal suckers<br>Bifurcated at 2.5m above ground level<br>Major deadwood in crown                                   | Remove deadwood                        | -                        | B1+2 |
| G1.62   | Common Holly    | -       | S                              | 450            | 92                                     | 5.4                          | -                 | -                    | Early Mature | -                       | Low hanging branches  | -                                      | -                        | C1+2 |
| G1.63   | Sycamore        | -       | S                              | 540            | 132                                    | 6.5                          | -                 | -                    | Early Mature | -                       | Cavities in trunk<br>Exudate on trunk<br>Previously topped  | -                                      | -                        | C1+2 |
| G1.64   | Common Hornbeam | -       | S                              | 560            | 142                                    | 6.7                          | -                 | -                    | Mature       | -                       | Low hanging branches  | -                                      | -                        | B1+2 |
| G1.65   | Manna Ash       | -       | S                              | 320            | 46                                     | 3.8                          | -                 | -                    | Semi-mature  | -                       | Multi-stemmed at 2m above ground level  | -                                      | -                        | C1+2 |

| Tree No | Species   | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)        | H't of Crown AGL (m)     | Life Stage   | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|---|---------|--------------------------------|----------------|--|------------------------------|--------------------------|--------------------------|--------------|-------------------------|--|--|--------------------------|------|
| G1.66   | Common Ash  | -       | S                              | 240            | 26                                     | 2.9                          | -                        | -                        | Semi-mature  | -                       | Low hanging branches   | -                                      | -                        | C1+2 |
| G1.67   | Tree of Heaven  | -       | S                              | 660            | 197                                    | 7.9                          | -                        | -                        | Mature       | -                       | Bifurcated at 8m above ground level<br>Low hanging branches  | -                                      | -                        | B1+2 |
| G1.68   | Common Horse Chestnut   | -       | S                              | 820            | 304                                    | 9.8                          | -                        | -                        | Mature       | -                       | Roots lifting tarmac to south-west<br>Exudate on trunk<br>Multi-stemmed at 2m above ground level                                   | -                                      | -                        | B1+2 |
| G1.69   | Common Hornbeam   | -       | S                              | 110            | 5                                      | 1.3                          | -                        | -                        | Young        | -                       | Developing tree<br>Low hanging branches  | -                                      | -                        | C1+2 |
| G1.70   | Common Lime   | -       | S                              | 560            | 142                                    | 6.7                          | -                        | -                        | Early Mature | -                       | Large buttress roots   | -                                      | -                        | A1+2 |
| Grp 2   | Killarney<br>Strawberry Tree<br>Sweet Chestnut<br>Tree of Heaven<br>Pedunculate Oak<br>Red Oak<br>Pin Oak<br>Rowan<br>Elm<br>Common Lime<br>Holm Oak<br>Hornbeam<br>Hawthorn<br>Robinia | 3       | S                              | 90             | 4                                      | 1.1                          | N -<br>E -<br>S -<br>W - | N -<br>E -<br>S -<br>W - | Young        | Good                    | Structural Condition - Good<br><br>Newly planted trees<br>Stakes and ties still in place<br>Some dead trees<br>Some memorial trees | Remove dead trees                      | 40+                      | C2   |



| Tree No | Species  | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)        | H't of Crown AGL (m)     | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|--|---------|--------------------------------|----------------|--|------------------------------|--------------------------|--------------------------|--------------|-------------------------|---|--|--------------------------|------|
| Grp 3   | Holly<br>Cherry Laurel<br>Sycamore<br>Horse Chestnut<br>Yew<br>Elder | 15      | S                              | See below      | See below                              | See below                    | N -<br>E -<br>S -<br>W - | N -<br>E -<br>S -<br>W - | Mature       | Good                    | Structural Condition - Fair<br><br>Branch tearout wounds<br>Crown shapes distorted due to group pressure<br>Trunk shapes distorted due to group pressure<br>Old pruning wounds<br>Minor deadwood in crowns<br>Low hanging branches<br>Ivy on trunks<br>Epicormics on trunks and in crowns | None required at time of survey        | 20+                      | B1+2 |
| G3.1*   | Pedunculate Oak  | -       | S                              | 500            | 113                                    | 6.0                          | -                        | -                        | Early Mature | -                       | Ivy on trunk and in crown<br>Crown shape distorted<br>Previously crown reduced  | -                                      | -                        | B1+2 |
| G3.2    | Sycamore   | -       | S                              | 690            | 215                                    | 8.3                          | -                        | -                        | Early Mature | -                       | Bifurcated at 8m above ground level   | -                                      | -                        | B1+2 |
| G3.3    | Common Horse Chestnut  | -       | S                              | 600            | 163                                    | 7.2                          | -                        | -                        | Early Mature | -                       | Trunk and crown shape distorted<br>Leans to north-west  | -                                      | -                        | C1+2 |
| G3.4*   | Common Horse Chestnut  | -       | S                              | 860            | 335                                    | 10.3                         | -                        | -                        | Mature       | -                       | Possible lightning strike running down trunk  | -                                      | -                        | C1+2 |
| G3.5*   | Sycamore   | -       | S                              | 570            | 147                                    | 6.8                          | -                        | -                        | Early Mature | -                       | Squirrel damage in crown  | -                                      | -                        | C1+2 |
| G3.6*   | Sycamore   | -       | S                              | 300            | 41                                     | 3.6                          | -                        | -                        | Semi-mature  | -                       | Tall and etiolated due to group pressure<br>Bifurcated at 7m above ground level   | -                                      | -                        | C1+2 |
| G3.7*   | Common Horse Chestnut  | -       | S                              | 370            | 62                                     | 4.4                          | -                        | -                        | Early Mature | -                       | -   | -                                      | -                        | C1+2 |
| G3.8*   | Sycamore   | -       | S                              | 560            | 142                                    | 6.7                          | -                        | -                        | Mature       | -                       | Bifurcated at 7m above ground level   | -                                      | -                        | C1+2 |
| G3.9*   | Common Horse Chestnut  | -       | S                              | 590            | 157                                    | 7.1                          | -                        | -                        | Early Mature | -                       | Poor quality tree<br>Branch tears in crown<br>Previously crown reduced  | -                                      | -                        | C1+2 |

| Tree No | Species               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations          | Est. Rem. Contrib. (Yrs) | Cat             |
|---------|-----------------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|---|--------------------------|-----------------|
| G3.10*  | Common Horse Chestnut | -       | S                              | 410            | 76                                     | 4.9                          | -                 | -                    | Early Mature | -                       | Poor quality tree<br>Branch tears in crown  | -   | -                        | C1+2            |
| G3.11*  | Common Horse Chestnut | -       | S                              | 790            | 282                                    | 9.5                          | -                 | -                    | Mature       | -                       | Minor deadwood<br>Old pruning wounds  | -   | -                        | B1+2            |
| G3.12   | Common Lime           | -       | S                              | 350            | 55                                     | 4.2                          | -                 | -                    | Early Mature | -                       | Apical dieback<br>Major deadwood in crown<br>Basal suckers  | Remove major deadwood                           | -                        | C1+2            |
| G3.13   | Common Lime           | -       | S                              | 770            | 268                                    | 9.2                          | -                 | -                    | Mature       | -                       | Trunk shape distorted   | -   | -                        | B1+2            |
| G3.14   | Sycamore              | -       | S                              | 600            | 163                                    | 7.2                          | -                 | -                    | Early Mature | -                       | Exudate on trunk<br>Appears as though main trunk has previously failed at 4m above ground level<br>Two lateral branches grow from side of old pruning wound | Aerial inspection of old wound – within 1 month | -                        | C1+2<br>Interim |
| G3.15   | Common Yew            | -       | S                              | 370            | 62                                     | 4.4                          | -                 | -                    | Early Mature | -                       | Leans west  | -   | -                        | C1+2            |
| G3.16   | Sycamore              | -       | S                              | 670            | 203                                    | 8.0                          | -                 | -                    | Early Mature | -                       | Crown shape distorted   | -   | -                        | B1+2            |
| G3.17   | Sycamore              | -       | S                              | 610            | 168                                    | 7.3                          | -                 | -                    | Mature       | -                       | Basal decay on west side<br>Cavity at 1.5m above ground level on east side of trunk   | -   | -                        | C1+2            |
| G3.18*  | Sycamore              | -       | S                              | 700            | 222                                    | 8.4                          | -                 | -                    | Early Mature | -                       | Trunk and crown shape distorted   | -   | -                        | B1+2            |
| G3.19   | Common Horse Chestnut | -       | S                              | 360            | -                                      | -                            | -                 | -                    | Early Mature | -                       | Longitudinal decay down trunk   | Advise removal                                  | -                        | U               |
| G3.20   | Common Horse Chestnut | -       | S                              | 520            | 122                                    | 6.2                          | -                 | -                    | Early Mature | -                       | Leans north   | -   | -                        | C1+2            |
| G3.21   | Sycamore              | -       | S                              | 540            | -                                      | -                            | -                 | -                    | Mature       | -                       | Topped standing stump   | Advise removal                                  | -                        | U               |

| Tree No | Species               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|-----------------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|--|--|--------------------------|------|
| G3.22*  | Sycamore              | -       | S                              | 450            | 92                                     | 5.4                          | -                 | -                    | Early Mature | -                       | Trunk and crown shape distorted  | -                                      | -                        | C1+2 |
| G3.23*  | Common Hornbeam       | -       | S                              | 480            | 104                                    | 5.8                          | -                 | -                    | Early Mature | -                       | Bifurcated at 5m above ground level  | -                                      | -                        | B1+2 |
| G3.24   | Common Horse Chestnut | -       | S                              | 640            | 185                                    | 7.7                          | -                 | -                    | Mature       | -                       | -  | -                                      | -                        | B1+2 |
| G3.25   | Common Horse Chestnut | -       | S                              | 750            | -                                      | -                            | -                 | -                    | Dead         | -                       | Topped at 11m above ground level<br>Wildlife holes in trunk                              | Advise removal                         | -                        | U    |
| G3.26   | Common Horse Chestnut | -       | S                              | 600            | 163                                    | 7.2                          | -                 | -                    | Mature       | -                       | -  | -                                      | -                        | C1+2 |
| G3.27   | Common Horse Chestnut | -       | S                              | 480            | 104                                    | 5.8                          | -                 | -                    | Early Mature | -                       | Trunk and crown shape distorted  | -                                      | -                        | C1+2 |
| G3.28*  | Common Horse Chestnut | -       | S                              | 980            | -                                      | -                            | -                 | -                    | Dead         | -                       | Standing stump approximately 14m tall  | Advise removal                         | -                        | U    |
| G3.29   | Common Horse Chestnut | -       | S                              | 900            | 366                                    | 10.8                         | -                 | -                    | Mature       | -                       | Ivy on trunk<br>Major deadwood in crown<br>In decline                                    | -                                      | -                        | C1+2 |
| G3.30*  | Common Horse Chestnut | -       | S                              | 870            | -                                      | -                            | -                 | -                    | Mature       | -                       | Standing stump   | Advise removal                         | -                        | U    |
| G3.31   | Common Horse Chestnut | -       | S                              | 670            | 203                                    | 8.0                          | -                 | -                    | Mature       | -                       | Topped standing stump with epicormic growth forming canopy<br>Ivy on trunk limits survey | None required at time of survey        | 10+                      | C1   |
| G3.32   | Norway Maple          | -       | S                              | 220            | 22                                     | 2.6                          | -                 | -                    | -            | -                       | -  | -                                      | -                        | C    |
| G3.33   | Holly                 | -       | S                              | 190            | 16                                     | 2.3                          | -                 | -                    | -            | -                       | -  | -                                      | -                        | C    |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|------------|-------------------------|---|--|--------------------------|-----|
| G3.34   | Holly           | -       | S                              | 310            | 44                                     | 3.7                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.35   | Holly           | -       | S                              | 230            | 24                                     | 2.8                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.36*  | Acacia          | -       | S                              | 250            | 28                                     | 3.0                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.37*  | Acacia          | -       | S                              | 450            | 92                                     | 5.4                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.38*  | Oak             | -       | S                              | 320            | 46                                     | 3.8                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.39*  | Irish Yew       | -       | S                              | 150            | 10                                     | 1.8                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.40*  | Strawberry Tree | -       | S                              | 120            | 7                                      | 1.4                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.41*  | Sycamore        | -       | S                              | 240            | 26                                     | 2.9                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.42*  | Acacia          | -       | S                              | 310            | 44                                     | 3.7                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.43*  | Yew             | -       | MS                             | 200<br>210     | 38                                     | 3.5                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | B   |
| G3.44*  | Acacia          | -       | S                              | 170            | 13                                     | 2.1                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.45*  | Yew             | -       | S                              | 120            | 6.5                                    | 1.4                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.46*  | Acacia          | -       | S                              | 270            | 33                                     | 3.2                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |
| G3.47*  | Acacia          | -       | S                              | 180            | 15                                     | 2.2                          | -                 | -                    | -          | -                       | -   | -                                      | -                        | C   |

| Tree No | Species  | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)        | H't of Crown AGL (m)     | Life Stage      | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|--|---------|--------------------------------|----------------|--|------------------------------|--------------------------|--------------------------|-----------------|-------------------------|---|--|--------------------------|------|
| G3.48*  | Acacia   | -       | S                              | 260            | 31                                     | 3.1                          | -                        | -                        | -               | -                       | -   | -                                      | -                        | C    |
| G3.49*  | Hemlock  | -       | S                              | 220            | 22                                     | 2.6                          | -                        | -                        | -               | -                       | -   | -                                      | -                        | C    |
| G3.50*  | Cherry   | -       | S                              | 280            | 35                                     | 3.4                          | -                        | -                        | -               | -                       | -   | -                                      | -                        | C    |
| G3.51*  | Yew  | -       | S                              | 130            | 8                                      | 1.6                          | -                        | -                        | -               | -                       | -   | -                                      | -                        | C    |
| G3.52*  | Yew  | -       | MS                             | 160<br>100     | 16                                     | 2.3                          | -                        | -                        | -               | -                       | -   | -                                      | -                        | C    |
| G3.53*  | Cypress  | -       | S                              | 130            | 8                                      | 1.6                          | -                        | -                        | -               | -                       | -   | -                                      | -                        | C    |
| G3.54*  | Cypress  | -       | S                              | 180            | 15                                     | 2.2                          | -                        | -                        | -               | -                       | -   | -                                      | -                        | C    |
| Grp 4   | Poplar<br>Oak<br>Willow<br>Sycamore<br>Horse Chestnut<br>Box Elder<br>Tree of Heaven | 15      | S                              | See below      | See below                              | See below                    | N -<br>E -<br>S -<br>W - | N -<br>E -<br>S -<br>W - | Early<br>Mature | Good                    | Structural Condition - Fair<br><br>Crown shapes distorted due to group pressure<br>Epicormics on trunks and in crowns<br>Low hanging branches<br>Major deadwood in crowns<br>Old pruning wounds<br>Trunk shapes distorted due to group pressure | None required at time of survey        | 20+                      | B1+2 |
| G4.1    | Hybrid Black Poplar  | -       | S                              | 880            | 350                                    | 10.6                         | -                        | -                        | Mature          | -                       | Numerous branches previously reduced<br>Low hanging branches  | -                                      | -                        | C1+2 |
| G4.2    | Turkey Oak   | -       | S                              | 640            | 185                                    | 7.7                          | -                        | -                        | Early<br>Mature | -                       | Fused branches in crown<br>Low hanging branches   | -                                      | -                        | B1+2 |
| G4.3    | Common Beech   | -       | S                              | 770            | 268                                    | 9.2                          | -                        | -                        | Early<br>Mature | -                       | Tight fork at 3m above ground level<br>Major deadwood<br>Low hanging branches   | -                                      | -                        | B1+2 |

| Tree No | Species               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations                               | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|-----------------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|--|--|--------------------------|------|
| G4.4    | Pedunculate Oak       | -       | S                              | 990            | 443                                    | 11.9                         | -                 | -                    | Mature       | -                       | Low hanging branches<br>Major deadwood in crown<br>Leans west  | Remove major deadwood  | -                        | C1+2 |
| G4.5    | Pedunculate Oak       | -       | S                              | 590            | 157                                    | 7.1                          | -                 | -                    | Early Mature | -                       | Trunk and crown shape distorted<br>Major deadwood<br>Low hanging branches  | -  | -                        | B1+2 |
| G4.6    | Pedunculate Oak       | -       | S                              | 500            | 113                                    | 6.0                          | -                 | -                    | Early Mature | -                       | Major deadwood<br>High canopy  | -  | -                        | B1+2 |
| G4.7    | Common Lime           | -       | S                              | 800            | 290                                    | 9.6                          | -                 | -                    | Mature       | -                       | Low hanging branches<br>Basal suckers  | -  | -                        | B1+2 |
| G4.8    | Common Horse Chestnut | -       | S                              | 1330           | 707                                    | 15                           | -                 | -                    | Mature       | -                       | Large buttress roots<br>Low hanging branches<br>Deadwood<br>Guignadia and camararia on foliage   | -  | -                        | B1+2 |
| G4.9    | Common Horse Chestnut | -       | S                              | 370            | 62                                     | 4.4                          | -                 | -                    | Semi-mature  | -                       | -  | -  | -                        | C1+2 |
| G4.10   | Common Horse Chestnut | -       | S                              | 700            | 222                                    | 8.4                          | -                 | -                    | Early Mature | -                       | Bifurcated at 2m above ground level with tight fork and reaction wood<br>Minor deadwood<br>Low hanging branches<br>Guignadia and camararia on foliage              | -  | -                        | C1+2 |
| G4.11   | Hybrid Black Poplar   | -       | S                              | 760            | 261                                    | 9.1                          | -                 | -                    | Mature       | -                       | Bifurcated at 7m above ground level<br>Appears to have have been historically topped<br>Storm damage in crown<br>Branch tear out wounds<br>Hung up branch in crown | Remove major deadwood<br>Tidy storm damage and remove hung up branch | -                        | C1+2 |
| G4.12   | Ashleaf Maple         | -       | S                              | 230            | 24                                     | 2.8                          | -                 | -                    | Semi-mature  | -                       | Crown shape distorted<br>Low hanging branches<br>Minor deadwood  | -  | -                        | C1+2 |
| G4.13   | Swedish Whitebeam     | -       | S                              | 310            | 43                                     | 3.7                          | -                 | -                    | Semi-mature  | -                       | Trunk and crown shape distorted<br>Leans to south-east   | -  | -                        | C1+2 |

| Tree No | Species               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations                          | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|-----------------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|--|--|--------------------------|------|
| G4.14   | Common Horse Chestnut | -       | S                              | 240            | 26                                     | 2.9                          | -                 | -                    | Semi-mature  | -                       | Crown shape distorted  | -                                      | -                        | C1+2 |
| G4.15   | Ashleaf Maple         | -       | S                              | 340            | 52                                     | 4.1                          | -                 | -                    | Early Mature | -                       | Bifurcated at 5m above ground level<br>Major deadwood in crown         | Remove major deadwood                  | -                        | B1+2 |
| G4.16   | Ashleaf Maple         | -       | S                              | 360            | 59                                     | 4.3                          | -                 | -                    | Semi-mature  | -                       | Crown shape distorted<br>Low hanging branches<br>Minor deadwood        | -                                      | -                        | C1+2 |
| G4.17   | Common Horse Chestnut | -       | S                              | 370            | -                                      | -                            | -                 | -                    | Semi-mature  | -                       | Bark wounds on trunk   | Advise removal                         | -                        | U    |
| G4.18   | Hybrid Black Poplar   | -       | S                              | 780            | 275                                    | 9.4                          | -                 | -                    | Early Mature | -                       | Bifurcated at 4m above ground level<br>Minor deadwood                  | -                                      | -                        | B1+2 |
| G4.19   | Common Lime           | -       | S                              | 450            | 92                                     | 5.4                          | -                 | -                    | Early Mature | -                       | Low hanging branches<br>Bifurcated at 4.5m above ground level          | -                                      | -                        | B1+2 |
| G4.20   | Mountain Ash          | -       | S                              | 280            | 35                                     | 3.4                          | -                 | -                    | Early Mature | -                       | Multi-stemmed at 2m above ground level<br>Low hanging branches         | -                                      | -                        | B1+2 |
| G4.21   | Western Balsam Poplar | -       | S                              | 650            | 191                                    | 7.8                          | -                 | -                    | Early Mature | -                       | Previously crown reduced<br>Old pruning wounds<br>Low hanging branches | -                                      | -                        | C1+2 |
| G4.22   | Western Balsam Poplar | -       | S                              | 560            | 142                                    | 6.7                          | -                 | -                    | Mature       | -                       | Bifurcated at 6m above ground level                                    | -                                      | -                        | C1+2 |
| G4.23   | Common Lime           | -       | S                              | 400            | 72                                     | 4.8                          | -                 | -                    | Semi-mature  | -                       | Low hanging branches   | -                                      | -                        | B1+2 |
| G4.24   | Western Balsam Poplar | -       | S                              | 580            | 152                                    | 7.0                          | -                 | -                    | Mature       | -                       | Bifurcated at 2.5m above ground level                                  | -                                      | -                        | C1+2 |
| G4.25   | Common Lime           | -       | S                              | 440            | 88                                     | 5.3                          | -                 | -                    | Semi-mature  | -                       | Low hanging branches   | -                                      | -                        | B1+2 |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations                      | Preliminary Management Recommendations                                       | Est. Rem. Contrib. (Yrs) | Cat          |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|--|--|--------------------------|--------------|
| G4.26   | Crack Willow    | -       | S                              | 680            | 209                                    | 8.2                          | -                 | -                    | Mature       | -                       | Multi-stemmed at 4m above ground level                             | -  | -                        | C1+2         |
| G4.27   | Lombardy Poplar | -       | S                              | 980            | 434                                    | 11.8                         | -                 | -                    | Mature       | -                       | Major deadwood   | -  | -                        | B1+2         |
| G4.28   | Common Lime     | -       | S                              | 530            | 127                                    | 6.4                          | -                 | -                    | Early Mature | -                       | Low hanging branches   | -  | -                        | B1+2         |
| G4.29   | Common Lime     | -       | S                              | 490            | 109                                    | 5.9                          | -                 | -                    | Early Mature | -                       | Low hanging branches   | -  | -                        | B1+2         |
| G4.30   | Lombardy Poplar | -       | S                              | 740            | 248                                    | 8.9                          | -                 | -                    | Early Mature | -                       | Major deadwood   | -  | -                        | B1+2         |
| G4.31   | Lombardy Poplar | -       | S                              | 830            | 312                                    | 10.0                         | -                 | -                    | Early Mature | -                       | Major deadwood in crown  | Remove major deadwood  | -                        | B1+2         |
| G4.32   | Lombardy Poplar | -       | S                              | 900            | 366                                    | 10.8                         | -                 | -                    | Early Mature | -                       | Major deadwood   | -  | -                        | B1+2         |
| G4.33   | Lombardy Poplar | -       | S                              | 780            | 275                                    | 9.4                          | -                 | -                    | Early Mature | -                       | Major deadwood   | -  | -                        | B1+2         |
| G4.34   | Lombardy Poplar | -       | S                              | 770            | 268                                    | 9.2                          | -                 | -                    | Early Mature | -                       | Major deadwood in crown  | Remove major deadwood  | -                        | B1+2         |
| G4.35   | Common Lime     | -       | S                              | 550            | 137                                    | 6.6                          | -                 | -                    | Early Mature | -                       | Low hanging branches   | -  | -                        | B1+2         |
| G4.36   | Tree of Heaven  | -       | S                              | 350            | 55                                     | 4.2                          | -                 | -                    | Semi-mature  | -                       | Crown shape distorted  | -  | -                        | C1+2         |
| G4.37   | Crack Willow    | -       | S                              | 1120           | 567                                    | 13.4                         | -                 | -                    | Mature       | -                       | Major deadwood in crown  | Remove major deadwood  | -                        | C1+2         |
| G4.38   | Crack Willow    | -       | S                              | 900            | 366                                    | 10.8                         | -                 | -                    | Mature       | -                       | Cavity in trunk to east<br>Major deadwood<br>Crown shape distorted | Full ground level inspection with Decay detection equipment – within 1 month | -                        | C1+2 Interim |



| Tree No | Species                           | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)        | H't of Crown AGL (m)     | Life Stage   | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|-----------------------------------|---------|--------------------------------|----------------|--|------------------------------|--------------------------|--------------------------|--------------|-------------------------|--|--|--------------------------|------|
| G4.39   | Crack Willow                      | -       | S                              | 1070           | 518                                    | 12.8                         | -                        | -                        | Mature       | -                       | Young fungal fruiting body at base on south side<br>Trifurcated at ground level<br>Major deadwood in crown   | Remove major deadwood                  | -                        | C1+2 |
| G4.40*  | Crack Willow                      | -       | S                              | 970            | 426                                    | 11.6                         | -                        | -                        | Mature       | -                       | Crown shape distorted<br>Major deadwood  | -                                      | -                        | B1+2 |
| G4.41   | Sycamore                          | -       | S                              | 460            | 96                                     | 5.5                          | -                        | -                        | Early Mature | -                       | Bifurcated at 3.5m above ground level  | -                                      | -                        | C1+2 |
| G4.42   | Common Ash                        | -       | S                              | 730            | 241                                    | 8.8                          | -                        | -                        | Early Mature | -                       | Major deadwood   | -                                      | -                        | B1+2 |
| G4.43   | Sycamore                          | -       | S                              | 440            | 88                                     | 5.3                          | -                        | -                        | Early Mature | -                       | Bifurcated at 4m above ground level<br>Weighted south<br>Major deadwood in crown   | -                                      | -                        | C1+2 |
| G4.44   | Sycamore                          | -       | S                              | 440            | 88                                     | 5.3                          | -                        | -                        | Semi-mature  | -                       | Bifurcated at 2m above ground level<br>Old pruning wounds<br>Crown shape distorted   | -                                      | -                        | C1+2 |
| Grp 5   | Elder<br>Sycamore<br>Ash<br>Holly | 9       | S                              | 300            | 41                                     | 3.6                          | N -<br>E -<br>S -<br>W - | N -<br>E -<br>S -<br>W - | Early Mature | Good                    | Structural Condition - Fair<br><br>Offsite trees<br>Crown shapes distorted due to group pressure<br>Epicormics on trunks and in crowns<br>Basal suckers<br>Low hanging branches<br>Minor deadwood in crowns<br>Trunk shape distorted due to group pressure | None required at time of survey        | 10+                      | C1+2 |
| G5.1    | Common Ash                        | -       | S                              | 440            | 88                                     | 5.3                          | -                        | -                        | Early Mature | -                       | Offsite tree<br>Trunk shape distorted due to group pressure<br>Weighted south-east   | -                                      | -                        | C1+2 |
| G5.2    | Common Ash                        | -       | S                              | 600            | 163                                    | 7.2                          | -                        | -                        | Early Mature | -                       | Offsite tree<br>Weighted south<br>Major deadwood in crown  | Remove major deadwood                  | -                        | C1+2 |

| Tree No | Species    | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)        | H't of Crown AGL (m)     | Life Stage   | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations                                       | Est. Rem. Contrib. (Yrs) | Cat             |
|---------|------------|---------|--------------------------------|----------------|--|------------------------------|--------------------------|--------------------------|--------------|-------------------------|--|--|--------------------------|-----------------|
| G5.3    | Common Ash | -       | S                              | 450            | 92                                     | 5.4                          | -                        | -                        | Early Mature | -                       | Offsite tree<br>Trunk shape distorted due to group pressure<br>Major deadwood in crown   | Remove major deadwood  | -                        | C1+2            |
| G5.4    | Common Ash | -       | MS                             | 340<br>320     | 99                                     | 5.6                          | -                        | -                        | Early Mature | -                       | Offsite tree<br>Trunk shape distorted due to group pressure<br>Major deadwood in crown<br>Bifurcated at ground level   | Remove major deadwood  | -                        | C1+2            |
| G5.5    | Sycamore   | -       | MS                             | 300<br>290     | 79                                     | 5.0                          | -                        | -                        | Early Mature | -                       | Offsite tree<br>Trunk shape distorted due to group pressure<br>Major deadwood in crown   | Remove major deadwood  | -                        | C1+2            |
| G5.6    | Common Ash | -       | S                              | 490            | 109                                    | 5.9                          | -                        | -                        | Early Mature | -                       | Offsite tree<br>Trunk shape distorted due to group pressure<br>Major deadwood in crown<br>Weighted south-east  | Remove major deadwood  | -                        | C1+2            |
| G5.7    | Common Ash | -       | S                              | 390            | -                                      | -                            | -                        | -                        | Early Mature | -                       | Offsite tree<br>Trunk shape distorted due to group pressure<br>Major deadwood in crown<br>Decay at base  | Advise removal   | -                        | U               |
| G5.8    | Sycamore   | -       | S                              | 540            | 132                                    | 6.5                          | -                        | -                        | Early Mature | -                       | Offsite tree   | -  | -                        | C1+2            |
| Grp 6   |            | 18      | S                              | See below      | See below                              | See below                    | N -<br>E -<br>S -<br>W - | N -<br>E -<br>S -<br>W - | Early Mature | Good                    | Structural Condition - Good<br><br>Crown shapes distorted due to group pressure<br>Minor deadwood in crowns<br>Low hanging branches<br>Linear group of trees lining footpath<br>Provides good landscape feature<br>Mixed species | None required at time of survey  | 40+                      | B2              |
| G6.1    | Sycamore   | -       | S                              | 740            | 248                                    | 8.9                          | -                        | -                        | Early Mature | -                       | Bifurcated at 4m above ground level<br>Cavity at base on north-west side<br>Crown density reduced  | Full ground level inspection with Decay detection equipment – within 1 month | -                        | B1+2<br>Interim |

| Tree No | Species       | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations                               | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|---------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|------|
| G6.2    | Turkish Hazel | -       | S                              | 620            | 174                                    | 7.4                          | -                 | -                    | Mature       | -                       | Low hanging branches  | -                                      | -                        | B1+2 |
| G6.3    | Common Walnut | -       | S                              | 530            | 127                                    | 6.4                          | -                 | -                    | Early Mature | -                       | Low hanging branches  | -                                      | -                        | B1+2 |
| G6.4    | Common Lime   | -       | S                              | 680            | 209                                    | 8.2                          | -                 | -                    | Early Mature | -                       | Epicormics in crown<br>Low hanging branches                                 | -                                      | -                        | B1+2 |
| G6.5    | Common Lime   | -       | S                              | 640            | 185                                    | 7.7                          | -                 | -                    | Early Mature | -                       | Low hanging branches  | -                                      | -                        | B1+2 |
| G6.6    | Common Lime   | -       | S                              | 780            | 275                                    | 9.4                          | -                 | -                    | Early Mature | -                       | Bifurcated at 2m above ground level<br>Minor deadwood                       | -                                      | -                        | B1+2 |
| G6.7    | Common Lime   | -       | S                              | 630            | 180                                    | 7.6                          | -                 | -                    | Early Mature | -                       | Low hanging branches  | -                                      | -                        | B1+2 |
| G6.8    | Common Lime   | -       | S                              | 640            | 185                                    | 7.7                          | -                 | -                    | Early Mature | -                       | Epicormics in crown<br>Low hanging branches                                 | -                                      | -                        | B1+2 |
| G6.9    | Common Lime   | -       | S                              | 520            | 122                                    | 6.2                          | -                 | -                    | Early Mature | -                       | Low hanging branches<br>Storm damage in north of crown                      | -                                      | -                        | B1+2 |
| G6.10   | Common Lime   | -       | S                              | 590            | 157                                    | 7.1                          | -                 | -                    | Early Mature | -                       | Bifurcated at 2m above ground level<br>Low hanging branches                 | -                                      | -                        | B1+2 |
| G6.11   | Common Lime   | -       | S                              | 530            | 127                                    | 6.4                          | -                 | -                    | Early Mature | -                       | Low hanging branches<br>Multi-stemmed at 4.5m above ground level            | -                                      | -                        | B1+2 |
| G6.12   | Common Lime   | -       | S                              | 510            | 118                                    | 6.1                          | -                 | -                    | Early Mature | -                       | Bifurcated at 2m above ground level with tight fork<br>Low hanging branches | -                                      | -                        | B1+2 |
| G6.13   | Common Lime   | -       | S                              | 590            | 157                                    | 7.1                          | -                 | -                    | Early Mature | -                       | Low hanging branches  | -                                      | -                        | B1+2 |
| G6.14   | Turkish Hazel | -       | S                              | 390            | 69                                     | 4.7                          | -                 | -                    | Early Mature | -                       | Bifurcated at 4m above ground level<br>Low hanging branches                 | -                                      | -                        | B1+2 |

| Tree No | Species     | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations                                   | Preliminary Management Recommendations         | Est. Rem. Contrib. (Yrs) | Cat             |
|---------|-------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----------------|
| G6.15   | Common Lime | -       | S                              | 560            | 142                                    | 6.7                          | -                 | -                    | Early Mature | -                       | Low hanging branches  | -  | -                        | B1+2            |
| G6.16   | Common Lime | -       | S                              | 590            | 157                                    | 7.1                          | -                 | -                    | Early Mature | -                       | Previously pollarded at 4m above ground level                                   | -  | -                        | B1+2            |
| G6.17   | Common Ash  | -       | S                              | 690            | 215                                    | 8.3                          | -                 | -                    | Early Mature | -                       | Low hanging branches<br>Weighted east<br>Major deadwood in crown                | Remove major deadwood                          | -                        | B1+2            |
| G6.18   | Common Lime | -       | S                              | 640            | 185                                    | 7.7                          | -                 | -                    | Early Mature | -                       | Bifurcated at 4m above ground level<br>Low hanging branches<br>Minor deadwood   | -  | -                        | B1+2            |
| G6.19   | Common Lime | -       | S                              | 870            | 342                                    | 10.4                         | -                 | -                    | Early Mature | -                       | Previously topped<br>Basal suckers  | -  | -                        | C1+2            |
| G6.20   | Common Lime | -       | S                              | 580            | 152                                    | 7.0                          | -                 | -                    | Early Mature | -                       | Low hanging branches  | -  | -                        | B1+2            |
| G6.21   | Common Lime | -       | S                              | 540            | 132                                    | 6.5                          | -                 | -                    | Early Mature | -                       | Basal suckers<br>Low hanging branches   | -  | -                        | B1+2            |
| G6.22   | Common Lime | -       | S                              | 590            | 157                                    | 7.1                          | -                 | -                    | Early Mature | -                       | Cavity at base on south-west side<br>Previously topped at 8m above ground level | -  | -                        | C1+2            |
| G6.23   | Common Lime | -       | S                              | 530            | 127                                    | 6.4                          | -                 | -                    | Early Mature | -                       | Bifurcated at 3.5m above ground level<br>Low hanging branches                   | -  | -                        | B1+2            |
| G6.24   | Common Lime | -       | S                              | 460            | 96                                     | 5.5                          | -                 | -                    | Early Mature | -                       | Low hanging branches  | -  | -                        | B1+2            |
| G6.25   | Common Yew  | -       | S                              | 580            | 152                                    | 7.0                          | -                 | -                    | Early Mature | -                       | Low hanging branches  | -  | -                        | B1+2            |
| G6.26   | Common Lime | -       | S                              | 700            | 222                                    | 8.4                          | -                 | -                    | Early Mature | -                       | Estimatd data<br>Basal suckers<br>Low hanging branches                          | Clear around base and re-survey within 1 month | -                        | B1+2<br>Interim |

| Tree No | Species   | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)        | H't of Crown AGL (m)     | Life Stage   | Physiological Condition | Structural Condition and General Observations  | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|---|---------|--------------------------------|----------------|--|------------------------------|--------------------------|--------------------------|--------------|-------------------------|--|--|--------------------------|------|
| G6.27   | Common Lime   | -       | S                              | 670            | 203                                    | 8.0                          | -                        | -                        | Early Mature | -                       | Basal suckers<br>Low hanging branches  | -                                      | -                        | B1+2 |
| G6.28   | Common Lime   | -       | S                              | 700            | 222                                    | 8.4                          | -                        | -                        | Early Mature | -                       | Basal suckers<br>Low hanging branches Minor deadwood   | -                                      | -                        | B1+2 |
| G6.29   | Common Ash  | -       | S                              | 410            | 76                                     | 4.9                          | -                        | -                        | Semi-mature  | -                       | Crown shape distorted<br>Minor deadwood  | -                                      | -                        | B1+2 |
| G6.30   | Norway Maple  | -       | S                              | 500            | 113                                    | 6.0                          | -                        | -                        | Early Mature | -                       | Bifurcated at 2m above ground level  | -                                      | -                        | B1+2 |
| Grp 7   | Pedunculate Oak<br>Ash<br>Yew<br>Robinia<br>Field Maple<br>Sycamore<br>Holm Oak<br>Hawthorn<br>Dogwood<br>Holly<br>Cherry Laurel<br>Portugal Laurel<br>Spotted Laurel<br>Elm<br>Snowberry<br>Norway Maple | 14      | S                              | See below      | See below                              | See below                    | N -<br>E -<br>S -<br>W - | N -<br>E -<br>S -<br>W - | Early Mature | Good                    | Structural Condition - Fair<br><br>Crown shapes distorted due to group pressure<br>Trunk shapes distorted due to group pressure<br>Branch tears<br>Epicormics on trunks and in crowns<br>Low hanging branches<br>Major deadwood in crowns<br>Old pruning wounds<br>Some trees multi-stemmed at various heights | None required at time of survey        | 20+                      | B1+2 |
| G7.1    | Common Yew  | -       | S                              | 590            | 157                                    | 7.1                          | -                        | -                        | Early Mature | -                       | Low hanging branches   | -                                      | -                        | B1+2 |
| G7.2    | Common Ash  | -       | S                              | 450            | 92                                     | 5.4                          | -                        | -                        | Early Mature | -                       | Ivy on trunk   | -                                      | -                        | B1+2 |
| G7.3    | Common Ash  | -       | S                              | 470            | 100                                    | 5.6                          | -                        | -                        | Early Mature | -                       | Trunk and crown shape distorted  | -                                      | -                        | B1+2 |
| G7.4    | Wild Cherry   | -       | S                              | 350            | 55                                     | 4.2                          | -                        | -                        | Early Mature | -                       | Canker on trunk  | -                                      | -                        | C1+2 |
| G7.5    | Sycamore  | -       | S                              | 310            | 43                                     | 3.7                          | -                        | -                        | Semi-mature  | -                       | Trunk and crown shape distorted<br>Minor deadwood  | -                                      | -                        | C1+2 |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|------|
| G7.6    | Sycamore        | -       | S                              | 350            | 55                                     | 4.2                          | -                 | -                    | Semi-mature  | -                       | Ivy on trunk and in crown<br>Major deadwood in crown  | Sever ivy<br>Remove major deadwood     | -                        | C1+2 |
| G7.7    | Common Ash      | -       | S                              | 490            | 109                                    | 5.9                          | -                 | -                    | Early Mature | -                       | Trunk and crown shape distorted<br>Bifurcated at 4m above ground level<br>Minor deadwood  | -                                      | -                        | B1+2 |
| G7.8    | Common Lime     | -       | S                              | 360            | -                                      | -                            | -                 | -                    | Early Mature | -                       | Decay in trunk<br>Previously topped   | Advise removal                         | <10                      | U    |
| G7.9    | Common Yew      | -       | S                              | 760            | -                                      | -                            | -                 | -                    | Mature       | -                       | Chicken of the woods at base on south side of dead stem<br>Tree was bifurcated at 1.3m above ground level but southern stem removed | Advise removal                         | <10                      | U    |
| G7.10   | Common Ash      | -       | S                              | 540            | 132                                    | 6.5                          | -                 | -                    | Early Mature | -                       | Exposed surface roots<br>Trunk and crown shape distorted  | -                                      | -                        | B1+2 |
| G7.11   | Common Ash      | -       | S                              | 400            | 72                                     | 4.8                          | -                 | -                    | Semi-mature  | -                       | Bifurcated at 5m above ground level   | -                                      | -                        | B1+2 |
| G7.12*  | Common Yew      | -       | S                              | 540            | 132                                    | 6.5                          | -                 | -                    | Early Mature | -                       | Bifurcated at 1.6m above ground level   | -                                      | -                        | C1+2 |
| G7.13   | Common Ash      | -       | S                              | 520            | 122                                    | 6.2                          | -                 | -                    | Early Mature | -                       | Trunk and crown shape distorted   | -                                      | -                        | B1+2 |
| G7.14   | Pedunculate Oak | -       | S                              | 790            | 282                                    | 9.5                          | -                 | -                    | Mature       | -                       | Ivy on trunk<br>Large wounds in crown<br>Major deadwood in crown  | Sever ivy                              | -                        | B1+2 |
| G7.15   | Common Ash      | -       | S                              | 550            | 137                                    | 6.6                          | -                 | -                    | Early Mature | -                       | Trunk and crown shape distorted<br>Ivy on trunk and in crown  | -                                      | -                        | B1+2 |
| G7.16   | Common Lime     | -       | S                              | 800            | 290                                    | 9.6                          | -                 | -                    | Early Mature | -                       | Ivy on trunk and in crown<br>Minor deadwood   | -                                      | -                        | B1+2 |
| G7.17   | Common Yew      | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1   |
| G7.18   | English Elm     | -       | MS                             | 140<br>170     | 22                                     | 2.6                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1   |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)    | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|-------------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G7.19   | Field Maple     | -       | MS                             | 120<br>120        | 7                                      | 1.4                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.20   | Field Maple     | -       | S                              | 130               | 8                                      | 1.6                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.21*  | Field Maple     | -       | S                              | 100               | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.22   | Field Maple     | -       | S                              | 300               | 41                                     | 3.6                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.23*  | Field Maple     | -       | S                              | 80                | 3                                      | 1.0                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.24   | Common Hawthorn | -       | S                              | 140               | 9                                      | 1.7                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.25   | Norway Maple    | -       | MS                             | 110<br>80         | 8                                      | 1.6                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.26   | Sycamore        | -       | MS                             | 300<br>370<br>180 | 117                                    | 6.1                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.27   | Privet          | -       | S                              | 220               | 22                                     | 2.6                          | -                 | -                    | Mature       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.28   | Field Maple     | -       | MS                             | 230<br>230        | 48                                     | 3.9                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.29   | Field Maple     | -       | S                              | 240               | 26                                     | 2.9                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.30   | Field Maple     | -       | MS                             | 110<br>120        | 12                                     | 2.0                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.31   | Common Ash      | -       | S                              | 200               | 18                                     | 2.4                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G7.32   | Sweet Chestnut  | -       | S                              | 110            | 5                                      | 1.3                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.33   | Sycamore        | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.34   | Sweet Chestnut  | -       | S                              | 210            | 20                                     | 2.5                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.35   | Common Hawthorn | -       | MS x6                          | 40             | 4                                      | 1.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.36   | Common Holly    | -       | S                              | 120            | 7                                      | 1.4                          | -                 | -                    | Dead        | -                       | -   | None required at time of survey        | N/A                      | U   |
| G7.37   | Field Maple     | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.38   | Common Holly    | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Dead        | -                       | -   | None required at time of survey        | N/A                      | U   |
| G7.39   | Common Ash      | -       | S                              | 160            | 12                                     | 1.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.40   | Field Maple     | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.41   | Field Maple     | -       | S                              | 120            | 7                                      | 1.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.42   | Field Maple     | -       | S                              | 250            | 28                                     | 3.0                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.43   | Field Maple     | -       | S                              | 260            | 31                                     | 3.1                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.44*  | Common Hawthorn | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |



| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)                  | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|---------------------------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G7.45   | Pedunculate Oak | -       | S                              | 350                             | 55                                     | 4.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.46   | Pedunculate Oak | -       | MS                             | 150<br>170                      | 23                                     | 2.7                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.47   | Field Maple     | -       | S                              | 170                             | 13                                     | 2.0                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.48   | Field Maple     | -       | S                              | 150                             | 10                                     | 1.8                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.49   | Common Ash      | -       | S                              | 130                             | 8                                      | 1.6                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.50   | Common Ash      | -       | S                              | 240                             | 26                                     | 2.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.51   | Field Maple     | -       | S                              | 80                              | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.52   | Field Maple     | -       | S                              | 75                              | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.53*  | Common Ash      | -       | S                              | 75                              | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.54   | English Elm     | -       | S                              | 90                              | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.55   | Common Ash      | -       | MS                             | 160<br>230<br>230<br>260<br>240 | 116                                    | 6.1                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.56   | Field Maple     | -       | MS                             | 100<br>100                      | 9                                      | 1.7                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.57   | Common Hawthorn | -       | S                              | 90                              | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G7.58   | Pedunculate Oak | -       | S                              | 240            | 26                                     | 2.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.59   | Field Maple     | -       | S                              | 240            | 26                                     | 2.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.60   | Field Maple     | -       | S                              | 190            | 16                                     | 2.3                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.61   | Field Maple     | -       | S                              | 160            | 12                                     | 1.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.62*  | Field Maple     | -       | S                              | 160            | 12                                     | 1.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.63   | English Elm     | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.64   | Common Ash      | -       | S                              | 170            | 13                                     | 2.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.65   | Field Maple     | -       | S                              | 170            | 13                                     | 2.0                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.66   | Field Maple     | -       | S                              | 160            | 12                                     | 1.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.67   | Pedunculate Oak | -       | S                              | 250            | 28                                     | 3.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.68   | Field Maple     | -       | S                              | 170            | 13                                     | 2.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.69   | Field Maple     | -       | S                              | 170            | 13                                     | 2.0                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.70   | Holm Oak        | -       | S                              | 170            | 13                                     | 2.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)       | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G7.71   | Holm Oak        | -       | MS                             | 110<br>90            | 9                                      | 1.7                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.72   | Pedunculate Oak | -       | S                              | 80                   | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.73   | Common Ash      | -       | S                              | 190                  | 16                                     | 2.3                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.74   | Holm Oak        | -       | MS<br>x12                      | 160                  | 139                                    | 6.7                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.75   | Holm Oak        | -       | MS<br>x6                       | 20                   | 1                                      | 0.6                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.76   | Holm Oak        | -       | MS                             | 110<br>40            | 6                                      | 1.4                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.77   | Holm Oak        | -       | S                              | 200                  | 18                                     | 2.4                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.78   | Holm Oak        | -       | S                              | 170                  | 13                                     | 2.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.79   | Holm Oak        | -       | MS                             | 90<br>80<br>80<br>60 | 11                                     | 1.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.80   | Holm Oak        | -       | S                              | 170                  | 13                                     | 2.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.81   | English Elm     | -       | S                              | 90                   | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.82   | English Elm     | -       | S                              | 80                   | 3                                      | 1.0                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.83   | Holm Oak        | -       | S                              | 90                   | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G7.84   | Holm Oak        | -       | MS                             | 170<br>200     | 31                                     | 3.1                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.85   | Holm Oak        | -       | S                              | 190            | 16                                     | 2.3                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.86   | Holm Oak        | -       | S                              | 160            | 12                                     | 1.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.87   | Holm Oak        | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.88   | Holm Oak        | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.89   | Holm Oak        | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.90   | Common Hawthorn | -       | S                              | 190            | 16                                     | 2.3                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.91   | Holm Oak        | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.92   | English Elm     | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.93   | Dogwood         | -       | MS                             | 40             | 2.9                                    | 1.0                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.94   | Holm Oak        | -       | S                              | 110            | 5                                      | 1.3                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.95   | Robinia         | -       | S                              | 260            | 31                                     | 3.1                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.96   | Robinia         | -       | MS                             | 260<br>270     | 64                                     | 4.5                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G7.97   | Robinia         | -       | S                              | 260            | 31                                     | 3.1                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.98   | Robinia         | -       | MS                             | 190<br>270     | 49                                     | 4.0                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.99   | Robinia         | -       | MS                             | 240<br>260     | 57                                     | 4.2                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.100* | Common Hawthorn | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.101  | English Elm     | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.102  | Common Holly    | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.103  | Field Maple     | -       | S                              | 130            | 8                                      | 1.6                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.104  | Field Maple     | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.105  | Wild Cherry     | -       | S                              | 340            | 52                                     | 4.1                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.106  | Field Maple     | -       | S                              | 110            | 5                                      | 1.3                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.107  | Field Maple     | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.108  | Field Maple     | -       | MS                             | 130<br>110     | 13                                     | 2.0                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.109  | Field Maple     | -       | S                              | 160            | 12                                     | 1.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G7.110  | Common Ash      | -       | S                              | 310            | 43                                     | 3.7                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.111  | Field Maple     | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.112  | Common Lime     | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.113  | Field Maple     | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.114  | Field Maple     | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.115  | Common Yew      | -       | S                              | 280            | 35                                     | 3.4                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.116  | Common Lime     | -       | S                              | 120            | 7                                      | 1.4                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.117  | Common Ash      | -       | S                              | 370            | 62                                     | 4.4                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.118  | Field Maple     | -       | MS                             | 110<br>80      | 8                                      | 1.6                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.119  | Common Lime     | -       | MS                             | 120            | 26                                     | 2.9                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.120  | Common Lime     | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.121  | Wild Cherry     | -       | S                              | 220            | 22                                     | 2.6                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.122  | Common Hawthorn | -       | S                              | 110            | 5                                      | 1.3                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G7.123  | Common Hornbeam | -       | S                              | 300            | 41                                     | 3.6                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.124  | Wild Cherry     | -       | S                              | 210            | 20                                     | 2.5                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.125  | Common Hawthorn | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.126  | Common Hawthorn | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.127  | Common Holly    | -       | MS                             | 130<br>80      | 11                                     | 1.8                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.128  | Common Holly    | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.129* | Whitebeam       | -       | S                              | 200            | 18                                     | 2.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.130* | English Elm     | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.131* | Common Holly    | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.132* | Common Holly    | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C   |
| G7.133  | English Elm     | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.134  | English Elm     | -       | S                              | 180            | 15                                     | 2.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.135  | Common Hawthorn | -       | MS                             | 110<br>140     | 14                                     | 2.1                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No     | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|-------------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G7.136      | Common Ash      | -       | S                              | 190            | 16                                     | 2.3                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.137      | Norway Maple    | -       | S                              | 310            | 43                                     | 3.7                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G7.138      | Common Holly    | -       | MS                             | 90<br>110      | 9                                      | 1.7                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | <10                      | U   |
| G7.139      | Cherry Laurel   | -       | MS                             | 100<br>80      | 7                                      | 1.5                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.140<br>* | Cherry Laurel   | -       | MS                             | 80<br>60       | 5                                      | 1.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.141      | Cherry Laurel   | -       | MS<br>x4                       | 120            | 39                                     | 3.5                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.142<br>* | Cherry Laurel   | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.143      | Common Hawthorn | -       | S                              | 100            | -                                      | -                            | -                 | -                    | Dead        | -                       | -   | Advise removal                         | N/A                      | U   |
| G7.144      | Portugal Laurel | -       | MS                             | 190<br>170     | 29                                     | 3.1                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.145      | Common Holly    | -       | MS                             | 210<br>220     | 42                                     | 3.6                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.146      | Common Holly    | -       | MS                             | 170<br>180     | 28                                     | 3.0                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.147      | Common Holly    | -       | S                              | 280            | 35                                     | 3.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.148      | Common Ash      | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |



| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)    | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|-------------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G7.149  | Norway Maple    | -       | S                              | 140               | -                                      | -                            | -                 | -                    | Young       | -                       | -   | None required at time of survey        | <10                      | U   |
| G7.150  | Common Holly    | -       | S                              | 290               | 38                                     | 3.5                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.151  | Robinia         | -       | S                              | 340               | 52                                     | 4.1                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.152  | English Elm     | -       | S                              | 90                | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C   |
| G7.153  | Wild Cherry     | -       | S                              | 160               | 12                                     | 1.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.154  | Wild Cherry     | -       | S                              | 230               | 24                                     | 2.8                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.155  | Common Holly    | -       | MS                             | 200<br>180        | 33                                     | 3.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.156  | Common Hawthorn | -       | MS                             | 200<br>130        | 26                                     | 2.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.157  | Common Holly    | -       | S                              | 80                | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.158  | English Elm     | -       | S                              | 100               | 5                                      | 1.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.159  | Common Holly    | -       | S                              | 90                | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.160  | Common Holly    | -       | MS                             | 80<br>100         | 7                                      | 1.5                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.161  | Holm Oak        | -       | MS                             | 150<br>150<br>150 | 41                                     | 3.6                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)    | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------------|---------|--------------------------------|-------------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G7.162  | Norway Maple          | -       | S                              | 210               | 20                                     | 2.5                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.163  | Common Horse Chestnut | -       | S                              | 120               | 7                                      | 1.4                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.164  | Field Maple           | -       | MS                             | 150<br>130<br>160 | 29                                     | 3.1                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.165  | Robinia               | -       | S                              | 280               | 35                                     | 3.4                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.166  | Robinia               | -       | S                              | 260               | 31                                     | 3.1                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.167  | Norway Maple          | -       | S                              | 150               | 10                                     | 1.8                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.168  | Common Holly          | -       | S                              | 200               | 18                                     | 2.4                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.169  | Common Holly          | -       | S                              | 250               | 28                                     | 3.0                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.170  | English Elm           | -       | S                              | 100               | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.171  | English Elm           | -       | S                              | 95                | 4                                      | 1.1                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.172  | Common Holly          | -       | S                              | 260               | 31                                     | 3.1                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.173  | Common Holly          | -       | S                              | 230               | 24                                     | 2.8                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.174  | Common Holly          | -       | S                              | 160               | 12                                     | 1.9                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G7.175  | Common Holly    | -       | S                              | 190            | 16                                     | 2.3                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.176  | Norway Maple    | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.177  | Sycamore        | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.178  | Common Holly    | -       | S                              | 210            | 20                                     | 2.5                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.179  | Norway Maple    | -       | S                              | 180            | 15                                     | 2.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.180  | Common Holly    | -       | S                              | 260            | 31                                     | 3.1                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.181  | Field Maple     | -       | S                              | 160            | 12                                     | 1.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.182  | Field Maple     | -       | S                              | 120            | 7                                      | 1.4                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.183  | Common Holly    | -       | S                              | 170            | 13                                     | 2.0                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.184  | Common Hawthorn | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.185  | Robinia         | -       | S                              | 260            | 31                                     | 3.1                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.186  | Wild Cherry     | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.187  | Robinia         | -       | S                              | 180            | 15                                     | 2.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)           | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|--------------------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G7.188  | Common Hawthorn | -       | MS                             | 80<br>80<br>80           | 9                                      | 1.7                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.189  | Common Hawthorn | -       | S                              | 75                       | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.190  | Holm Oak        | -       | S                              | 290                      | 38                                     | 3.5                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.191  | Robinia         | -       | MS                             | 330<br>370               | 111                                    | 5.9                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.192  | Cherry Laurel   | -       | MS                             | 140<br>120<br>160<br>100 | 32                                     | 3.2                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.193  | Wild Cherry     | -       | S                              | 120                      | 7                                      | 1.4                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.194  | Holm Oak        | -       | S                              | 200                      | 18                                     | 2.4                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.195  | English Elm     | -       | S                              | 100                      | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.196  | Holm Oak        | -       | MS                             | 100<br>100               | 9                                      | 1.7                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.197  | Holm Oak        | -       | MS                             | 160<br>240               | 38                                     | 3.5                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.198  | Pedunculate Oak | -       | S                              | 130                      | 8                                      | 1.6                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.199  | Common Holly    | -       | S                              | 160                      | 12                                     | 1.9                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G7.200  | Common Holly    | -       | MS<br>x6                       | 80                       | 17                                     | 2.4                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species  | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)        | H't of Crown AGL (m)     | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|--|---------|--------------------------------|----------------|--|------------------------------|--------------------------|--------------------------|--------------|-------------------------|---|--|--------------------------|------|
| G7.201  | Wild Cherry  | -       | S                              | 90             | 4                                      | 1.1                          | -                        | -                        | Young        | -                       | -   | None required at time of survey        | 10+                      | C1   |
| G7.202  | Common Yew   | -       | S                              | 160            | 12                                     | 1.9                          | -                        | -                        | Young        | -                       | -   | None required at time of survey        | 10+                      | C1   |
| G7.203  | Common Yew   | -       | S                              | 140            | 9                                      | 1.7                          | -                        | -                        | Young        | -                       | -   | None required at time of survey        | 10+                      | C1   |
| G7.204  | Common Yew   | -       | S                              | 130            | 8                                      | 1.6                          | -                        | -                        | Young        | -                       | -   | None required at time of survey        | 10+                      | C1   |
| G7.205  | Wild Cherry  | -       | S                              | 90             | 4                                      | 1.1                          | -                        | -                        | Young        | -                       | -   | None required at time of survey        | 10+                      | C1   |
| Grp 8   | Yew<br>Sycamore<br>Ash<br>Oak<br>Hornbeam<br>Elm, Hazel,<br>Laurel, Ivy,<br>Butchers Broom | 14      | S                              | 350            | 55                                     | 4.2                          | N -<br>E -<br>S -<br>W - | N -<br>E -<br>S -<br>W - | Early Mature | Good                    | Structural Condition - Good<br><br>Crown shapes distorted due to group pressure<br>Major deadwood in crowns<br>Low hanging branches<br>Ivy on trunks and in crowns<br>Small wooded area<br>Mixed species<br>Variety of habitats (fallen deadwood, standing deadwood, ivy, cavities) | None required at time of survey        | 40+                      | B2   |
| G8.1    | Common Hornbeam  | -       | S                              | 700            | 222                                    | 8.4                          | -                        | -                        | Early Mature | -                       | Multi-stemmed at 1.9m above ground level<br>Ivy on trunk and in crown<br>Minor deadwood   | -                                      | -                        | B1+2 |
| G8.2    | Common Yew   | -       | S                              | 630            | 180                                    | 7.6                          | -                        | -                        | Early Mature | -                       | Minor deadwood<br>Crown shape distorted   | -                                      | -                        | B1+2 |
| G8.3    | Common Yew   | -       | S                              | 670            | 203                                    | 8.0                          | -                        | -                        | Early Mature | -                       | Leans south-east  | -                                      | -                        | C1+2 |
| G8.4    | Common Yew   | -       | S                              | 550            | 137                                    | 6.6                          | -                        | -                        | Early Mature | -                       | Cavity in trunk on south side   | -                                      | -                        | C2+1 |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations              | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|--|--|--------------------------|------|
| G8.5    | Sycamore        | -       | S                              | 560            | 142                                    | 6.7                          | -                 | -                    | Early Mature | -                       | Ivy on trunk and in crown<br>Crown shape distorted         | -                                      | -                        | B1+2 |
| G8.6    | Common Ash      | -       | S                              | 560            | 142                                    | 6.7                          | -                 | -                    | Early Mature | -                       | Broken hanging branch on south-east side<br>Minor deadwood | -                                      | -                        | B1+2 |
| G8.7    | Common Lime     | -       | S                              | 530            | 127                                    | 6.4                          | -                 | -                    | Early Mature | -                       | Leans west   | -                                      | -                        | B1+2 |
| G8.8    | Common Ash      | -       | -                              | -              | -                                      | -                            | -                 | -                    | -            | -                       | Tree has been removed since original survey                | -                                      | -                        | -    |
| G8.9    | Common Yew      | -       | S                              | 340            | 52                                     | 4.1                          | -                 | -                    | Semi-mature  | -                       | Wall to north  | -                                      | -                        | C1+2 |
| G8.10   | Common Yew      | -       | S                              | 460            | 96                                     | 5.5                          | -                 | -                    | Semi-mature  | -                       | Wall to north<br>House to west                             | -                                      | -                        | C1+2 |
| G8.11   | Common Yew      | -       | S                              | 190            | 16                                     | 2.3                          | -                 | -                    | Young        | -                       | Wall to north<br>House to west                             | -                                      | -                        | C1+2 |
| G8.12   | Common Holly    | -       | S                              | 350            | 55                                     | 4.2                          | -                 | -                    | Early Mature | -                       | Trunk and crown shape distorted<br>Leans to north          | -                                      | -                        | C1+2 |
| G8.13   | Common Yew      | -       | S                              | 320            | 46                                     | 3.8                          | -                 | -                    | Semi-mature  | -                       | -  | None required at time of survey        | 40+                      | C1   |
| G8.14   | Common Lime     | -       | MS                             | 190<br>160     | 28                                     | 3.0                          | -                 | -                    | Semi-mature  | -                       | -  | None required at time of survey        | 20+                      | C1   |
| G8.15   | Common Hawthorn | -       | S                              | 240            | 26                                     | 2.9                          | -                 | -                    | Early Mature | -                       | -  | None required at time of survey        | 20+                      | C1   |
| G8.16*  | Common Ash      | -       | S                              | 130            | 8                                      | 1.6                          | -                 | -                    | Young        | -                       | -  | None required at time of survey        | 20+                      | C1   |
| G8.17   | English Elm     | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -  | None required at time of survey        | 10+                      | C1   |
| G8.18   | English Elm     | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -  | None required at time of survey        | 10+                      | C1   |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)       | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G8.19   | Common Box      | -       | MS                             | 80<br>60<br>60<br>50 | 7                                      | 1.5                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.20*  | Common Box      | -       | S                              | 75                   | 3                                      | 0.9                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.21*  | Common Hawthorn | -       | S                              | 75                   | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.22   | English Elm     | -       | S                              | 75                   | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.23   | English Elm     | -       | S                              | 120                  | 7                                      | 1.4                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.24   | Common Hornbeam | -       | S                              | 200                  | 18                                     | 2.4                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.25   | English Elm     | -       | S                              | 75                   | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.26   | English Elm     | -       | S                              | 150                  | 10                                     | 1.8                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.27   | English Elm     | -       | S                              | 100                  | 5                                      | 1.2                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.28   | English Elm     | -       | S                              | 150                  | 10                                     | 1.8                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.29   | Common Ash      | -       | S                              | 140                  | 9                                      | 1.7                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.30   | Common Holly    | -       | MS                             | 80<br>80<br>80       | 9                                      | 1.7                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.31   | Wild Cherry     | -       | S                              | 260                  | -                                      | -                            | -                 | -                    | Dead         | -                       | -   | None required at time of survey        | N/A                      | U   |

| Tree No | Species      | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|--------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G8.32   | English Elm  | -       | S                              | 150            | 10                                     | 1.8                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.33   | English Elm  | -       | S                              | 150            | 10                                     | 1.8                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.34   | English Elm  | -       | S                              | 150            | 10                                     | 1.8                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.35*  | English Elm  | -       | MS                             | 130<br>150     | 18                                     | 2.4                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.36   | Field Maple  | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.37*  | English Elm  | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.38   | English Elm  | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.39   | English Elm  | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.40   | Common Ash   | -       | MS                             | 200<br>190     | 34                                     | 3.3                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.41   | Common Holly | -       | S                              | 320            | 46                                     | 3.8                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.42*  | Sycamore     | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.43   | Common Ash   | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.44*  | English Elm  | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.45*  | English Elm  | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |



| Tree No | Species               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)    | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------------|---------|--------------------------------|-------------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G8.46*  | English Elm           | -       | S                              | 80                | 3                                      | 1.0                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.47*  | English Elm           | -       | S                              | 90                | 4                                      | 1.1                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.48*  | English Elm           | -       | S                              | 90                | 4                                      | 1.1                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.49   | Griselinia littoralis | -       | MS                             | 220<br>240<br>280 | 83                                     | 5.2                          | -                 | -                    | Mature       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.50   | English Elm           | -       | S                              | 75                | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.51   | Common Ash            | -       | MS                             | 160<br>160        | 23                                     | 2.7                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.52*  | English Elm           | -       | S                              | 75                | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.53   | Sycamore              | -       | S                              | 120               | -                                      | -                            | -                 | -                    | Dead         | -                       | -   | Advise removal                         | N/A                      | U   |
| G8.54*  | Sycamore              | -       | S                              | 80                | 3                                      | 1.0                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.55   | Common Holly          | -       | MS                             | 220<br>280        | 57                                     | 4.3                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.56   | Common Holly          | -       | MS                             | 270<br>390        | 102                                    | 5.7                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.57   | Common Elder          | -       | MS                             | 120<br>130        | 14                                     | 2.1                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.58   | Common Holly          | -       | S                              | 250               | 28                                     | 3.0                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.59   | Common Beech          | -       | S                              | 240               | 26                                     | 2.9                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |

| Tree No | Species               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G8.60   | Common Yew            | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.61   | Highclere Holly       | -       | S                              | 260            | 31                                     | 3.1                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.62*  | Common Elder          | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.63   | English Elm           | -       | S                              | 220            | 22                                     | 2.6                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.64*  | Common Ash            | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.65   | Common Holly          | -       | S                              | 160            | 12                                     | 1.9                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.66   | Common Holly          | -       | S                              | 160            | -                                      | -                            | -                 | -                    | Dead         | -                       | -   | None required at time of survey        | N/A                      | U   |
| G8.67   | Common Holly          | -       | MS                             | 140<br>150     | 19                                     | 2.5                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.68*  | English Elm           | -       | S                              | 110            | 5                                      | 1.3                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.69   | Common Holly          | -       | S                              | 150            | 10                                     | 1.8                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.70   | Holm Oak              | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.71*  | Common Yew            | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.72   | Griselinia littoralis | -       | S                              | 150            | 10                                     | 1.8                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.73   | Common Holly          | -       | MS                             | 310<br>330     | 93                                     | 5.4                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |

| Tree No | Species      | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|--------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G8.74   | Common Holly | -       | S                              | 200            | 18                                     | 2.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.75*  | Sycamore     | -       | MS                             | 90<br>70       | 6                                      | 1.4                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.76*  | English Elm  | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.77   | Common Holly | -       | S                              | 190            | 16                                     | 2.3                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.78   | Common Holly | -       | S                              | 210            | 20                                     | 2.5                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.79   | English Elm  | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.80   | English Elm  | -       | S                              | 150            | 10                                     | 1.8                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.81   | Common Yew   | -       | S                              | 280            | 35                                     | 3.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.82   | English Elm  | -       | S                              | 190            | 16                                     | 2.3                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.83   | English Elm  | -       | S                              | 180            | 15                                     | 2.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.84   | Common Yew   | -       | S                              | 260            | 31                                     | 3.1                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.85*  | Common Ash   | -       | S                              | 130            | 8                                      | 1.6                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.86   | Common Ash   | -       | MS                             | 190<br>170     | 29                                     | 3.1                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.87   | Common Lime  | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G8.88   | Common Holly    | -       | MS                             | 200<br>200     | 36                                     | 3.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.89   | English Elm     | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.90   | Sycamore        | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.91   | English Elm     | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.92   | English Elm     | -       | S                              | 150            | 10                                     | 1.8                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.93*  | English Elm     | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.94*  | English Elm     | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.95*  | English Elm     | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.96   | Common Holly    | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.97   | Common Holly    | -       | S                              | 120            | 7                                      | 1.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.98   | Common Hornbeam | -       | S                              | 240            | 26                                     | 2.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.99   | Common Ash      | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.100  | Pedunculate Oak | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.101  | Common Ash      | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G8.102  | Common Lime     | -       | MS<br>x6                       | 120            | 39                                     | 3.5                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G8.103  | Common Holly    | -       | S                              | 240            | 26                                     | 2.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species  | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m)        | H't of Crown AGL (m)     | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|--|---------|--------------------------------|----------------|--|------------------------------|--------------------------|--------------------------|--------------|-------------------------|---|--|--------------------------|------|
| Grp 9   | Sycamore<br>Lime<br>Oak<br>Yew<br>Holly<br>Cherry Laurel<br>Elder<br>Ash<br>Rhododendron<br>Portugal Laurel<br>Snowberry<br>Hornbeam | 12      | S                              | 300            | 41                                     | 3.6                          | N -<br>E -<br>S -<br>W - | N -<br>E -<br>S -<br>W - | Early Mature | Good                    | Structural Condition - Fair<br><br>Crown shapes distorted due to group pressure<br>Epicormics on trunks and in crowns<br>Low hanging branches<br>Major deadwood in crowns<br>Old pruning wounds<br>Trunk shapes distorted due to group pressure | None required at time of survey        | 20+                      | B1+2 |
| G9.1    | Common Lime  | -       | S                              | 590            | 157                                    | 7.1                          | -                        | -                        | Early Mature | -                       | Basal suckers limit survey<br>Historically lost top   | -                                      | -                        | C1+2 |
| G9.2    | Common Ash   | -       | S                              | 460            | 96                                     | 5.5                          | -                        | -                        | Early Mature | -                       | Trunk and crown shape distorted<br>Trifurcated at 5m  | -                                      | -                        | B1+2 |
| G9.3    | Common Yew   | -       | S                              | 530            | 127                                    | 6.4                          | -                        | -                        | Early Mature | -                       | Bifurcated at 4m with tight fork<br>Minor deadwood  | -                                      | -                        | B1+2 |
| G9.4    | Common Yew   | -       | S                              | 390            | 69                                     | 4.7                          | -                        | -                        | Early Mature | -                       | -   | -                                      | -                        | C1+2 |
| G9.5    | Pedunculate Oak  | -       | S                              | 960            | 417                                    | 11.5                         | -                        | -                        | Early Mature | -                       | Polyporous squimosus fungal fruiting body on trunk to west at 2m above ground level<br>Topped at 9m<br>Decay present in upper stem<br>Lateral branches taking over apical dominance<br>Habitat value  | -                                      | -                        | C1+2 |
| G9.6    | Common Beech   | -       | S                              | 910            | 375                                    | 10.9                         | -                        | -                        | Mature       | -                       | Trunk shape distorted<br>Leans and weighted east  | -                                      | -                        | C1+2 |
| G9.7    | Pedunculate Oak  | -       | S                              | 790            | -                                      | -                            | -                        | -                        | Dead         | -                       | Dead tree<br>Potential habitat  | -                                      | -                        | U    |
| G9.8    | Pedunculate Oak  | -       | S                              | 360            | 59                                     | 4.3                          | -                        | -                        | Semi-mature  | -                       | Trunk shape distorted due to group pressure<br>Weighted south   | -                                      | -                        | C1+2 |

| Tree No | Species               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)    | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations   | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat  |
|---------|-----------------------|---------|--------------------------------|-------------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|------|
| G9.9    | Pedunculate Oak       | -       | S                              | 460               | 96                                     | 5.5                          | -                 | -                    | Early Mature | -                       | Bifurcated at 5m above ground level<br>Weighted west  | -                                      | -                        | C1+2 |
| G9.10   | Pedunculate Oak       | -       | S                              | 850               | -                                      | -                            | -                 | -                    | Dead         | -                       | Dead tree   | Advise removal                         | -                        | U    |
| G9.11   | Pedunculate Oak       | -       | S                              | 850               | 327                                    | 10.2                         | -                 | -                    | Mature       | -                       | Topped at 10m   | -                                      | -                        | C1+2 |
| G9.12   | Common Horse Chestnut | -       | S                              | 800               | 290                                    | 9.6                          | -                 | -                    | Mature       | -                       | Exudate on trunk to south<br>Minor deadwood   | -                                      | -                        | C1+2 |
| G9.13   | Sycamore              | -       | S                              | 520               | 122                                    | 6.2                          | -                 | -                    | Early Mature | -                       | Cavity in south-east side of trunk at ground level<br>Trunk shape distorted<br>Historically lost top                                    | -                                      | -                        | C1+2 |
| G9.14   | Common Ash            | -       | S                              | 370               | -                                      | -                            | -                 | -                    | Semi-mature  | -                       | Cavity at base on east side<br>Innonotus hispidus fungal fruiting body on floor at base of tree<br>Bifurcated at 4m with cavity present | Advise removal                         | -                        | U    |
| G9.15*  | Common Lime           | -       | S                              | 390               | 69                                     | 4.7                          | -                 | -                    | Semi-mature  | -                       | Growing on bank of ice house<br>Bird box on trunk<br>Bifurcated at 4m   | -                                      | -                        | C1+2 |
| G9.16   | Sycamore              | -       | S                              | 460               | 96                                     | 5.5                          | -                 | -                    | Early Mature | -                       | Ivy on trunk  | -                                      | -                        | C1+2 |
| G9.17   | Common Lime           | -       | S                              | 1100              | -                                      | -                            | -                 | -                    | Mature       | -                       | Previously topped<br>Major decay in base  | Advise removal                         | -                        | U    |
| G9.18   | Common Ash            | -       | -                              | -                 | -                                      | -                            | -                 | -                    | -            | -                       | Tree has been removed since original survey   | -                                      | -                        | -    |
| G9.19   | Common Holly          | -       | MS                             | 160<br>170<br>180 | 39                                     | 3.5                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1   |
| G9.20   | Common Holly          | -       | MS                             | 280<br>210        | 55                                     | 4.2                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1   |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)    | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|-------------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G9.21   | Common Ash      | -       | S                              | 370               | 62                                     | 4.4                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.22   | Common Ash      | -       | S                              | 280               | 35                                     | 3.4                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.23   | Robinia         | -       | S                              | 240               | 26                                     | 2.9                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.24   | Common Holly    | -       | S                              | 310               | 43                                     | 3.7                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.25   | Common Holly    | -       | S                              | 170               | 13                                     | 2.0                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.26   | Robinia         | -       | S                              | 280               | 35                                     | 3.4                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.27   | Common Holly    | -       | MS                             | 250<br>140        | 37                                     | 3.4                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.28   | Common Hawthorn | -       | MS                             | 140<br>180<br>190 | 40                                     | 3.6                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.29*  | Common Holly    | -       | MS<br>x6                       | 60                | 10                                     | 1.8                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.30   | Sycamore        | -       | S                              | 130               | 8                                      | 1.6                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.31   | Sycamore        | -       | MS                             | 120<br>140        | 15                                     | 2.2                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.32   | Common Lime     | -       | MS                             | 160<br>120        | 18                                     | 2.4                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.33   | Common Lime     | -       | S                              | 75                | 3                                      | 0.9                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.34   | Common Ash      | -       | S                              | 90                | 4                                      | 1.1                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.35   | Cherry Laurel   | -       | S                              | 130               | 8                                      | 1.6                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)       | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G9.36   | Common Holly    | -       | MS                             | 140<br>110           | 14                                     | 2.1                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.37   | Common Holly    | -       | S                              | 120                  | 7                                      | 1.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.38   | Common Holly    | -       | S                              | 240                  | 26                                     | 2.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.39   | Common Yew      | -       | S                              | 350                  | 55                                     | 4.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.40   | Common Holly    | -       | S                              | 110                  | 5                                      | 1.3                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.41   | Common Hornbeam | -       | S                              | 160                  | 12                                     | 1.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.42   | Common Yew      | -       | S                              | 100                  | 5                                      | 1.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.43   | Common Hawthorn | -       | S                              | 100                  | 5                                      | 1.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.44   | Common Yew      | -       | S                              | 180                  | 15                                     | 2.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.45   | Common Ash      | -       | S                              | 210                  | 20                                     | 2.5                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.46   | Common Yew      | -       | S                              | 330                  | 49                                     | 4.0                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.47   | Common Holly    | -       | MS                             | 70<br>80<br>100      | 10                                     | 1.8                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.48   | Common Holly    | -       | S                              | 160                  | 12                                     | 1.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.49   | Common Elder    | -       | MS                             | 40<br>40<br>40<br>40 | 3                                      | 1.0                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.50   | Common Ash      | -       | S                              | 340                  | 52                                     | 4.1                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |



| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage   | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|--------------|-------------------------|---|--|--------------------------|-----|
| G9.51   | Common Ash      | -       | MS                             | 100<br>90      | 8                                      | 1.6                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.52   | Common Holly    | -       | S                              | 180            | 15                                     | 2.2                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.53   | Common Ash      | -       | S                              | 130            | 8                                      | 1.6                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.54   | Common Holly    | -       | S                              | 220            | 22                                     | 2.6                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.55   | Sycamore        | -       | S                              | 280            | 35                                     | 3.4                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.56   | Pedunculate Oak | -       | S                              | 110            | 5                                      | 1.3                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.57   | Common Holly    | -       | MS                             | 130<br>140     | 16                                     | 2.3                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.58   | Common Lime     | -       | S                              | 390            | 69                                     | 4.7                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.59   | Common Hornbeam | -       | S                              | 280            | 35                                     | 3.4                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.60   | Common Beech    | -       | S                              | 370            | 62                                     | 4.4                          | -                 | -                    | Early Mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.61   | Common Yew      | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.62   | Common Ash      | -       | S                              | 250            | 28                                     | 3.0                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.63   | Common Lime     | -       | S                              | 190            | 16                                     | 2.3                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.64   | Sycamore        | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C   |
| G9.65   | Common Ash      | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young        | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.66   | Sycamore        | -       | S                              | 240            | 26                                     | 2.9                          | -                 | -                    | Semi-mature  | -                       | -   | None required at time of survey        | 20+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G9.67   | Common Lime     | -       | S                              | 310            | 43                                     | 3.7                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.68   | Common Ash      | -       | S                              | 200            | 18                                     | 2.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.69*  | English Elm     | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.70*  | English Elm     | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.71*  | Common Ash      | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.72   | Common Ash      | -       | S                              | 170            | 13                                     | 2.0                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.73   | Common Hawthorn | -       | MS                             | 60<br>80       | 5                                      | 1.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.74   | Common Hawthorn | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.75   | Common Yew      | -       | S                              | 310            | 43                                     | 3.7                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.76   | Common Yew      | -       | S                              | 320            | 46                                     | 3.8                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.77   | Common Ash      | -       | S                              | 120            | 7                                      | 1.4                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.78   | Common Ash      | -       | S                              | 120            | 7                                      | 1.4                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.79   | Common Ash      | -       | S                              | 110            | 5                                      | 1.3                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.80   | Common Ash      | -       | S                              | 120            | 7                                      | 1.4                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.81   | Holm Oak        | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.82   | Common Ash      | -       | S                              | 270            | 33                                     | 3.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |

| Tree No | Species               | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G9.83   | Common Horse Chestnut | -       | S                              | 160            | 12                                     | 1.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.84   | Common Yew            | -       | S                              | 110            | 5                                      | 1.3                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.85   | Common Yew            | -       | S                              | 90             | 4                                      | 1.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.86   | Common Yew            | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.87   | Holm Oak              | -       | S                              | 120            | 7                                      | 1.4                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.88   | Common Yew            | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.89   | Common Yew            | -       | S                              | 270            | 33                                     | 3.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.90   | Sycamore              | -       | S                              | 240            | 26                                     | 2.9                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.91   | Holm Oak              | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.92   | English Elm           | -       | S                              | 100            | 5                                      | 1.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.93   | Common Yew            | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.94   | English Elm           | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.95   | Sycamore              | -       | S                              | 130            | 8                                      | 1.6                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.96   | Common Ash            | -       | S                              | 75             | 3                                      | 0.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.97   | Common Yew            | -       | S                              | 270            | 33                                     | 3.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm) | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|----------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G9.98   | Common Yew      | -       | S                              | 270            | 33                                     | 3.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.99   | English Elm     | -       | S                              | 80             | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.100  | Common Yew      | -       | S                              | 230            | 24                                     | 2.8                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.101  | English Elm     | -       | S                              | 110            | 5                                      | 1.3                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.102  | Duplicate tree  | -       | -                              | -              | -                                      | -                            | -                 | -                    | -           | -                       | -   | -                                      | -                        | -   |
| G9.103  | Common Ash      | -       | S                              | 280            | 35                                     | 3.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.104  | Common Ash      | -       | S                              | 280            | 35                                     | 3.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.105  | Pedunculate Oak | -       | S                              | 170            | 13                                     | 2.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.106  | Pedunculate Oak | -       | S                              | 260            | 31                                     | 3.1                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.107  | Pedunculate Oak | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.108  | English Elm     | -       | S                              | 110            | 5                                      | 1.3                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.109  | Pedunculate Oak | -       | S                              | 140            | 9                                      | 1.7                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.110  | Pedunculate Oak | -       | S                              | 130            | 8                                      | 1.6                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.111  | Pedunculate Oak | -       | S                              | 330            | 49                                     | 4.0                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.112  | Pedunculate Oak | -       | S                              | 280            | 35                                     | 3.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.113  | Pedunculate Oak | -       | S                              | 280            | 35                                     | 3.4                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |

| Tree No | Species         | H't (m) | Single/Multi-Stemmed (S or MS) | Stem Diam (mm)                  | Root Protection Area (m <sup>2</sup> ) | Root Protection Distance (m) | Branch Spread (m) | H't of Crown AGL (m) | Life Stage  | Physiological Condition | Structural Condition and General Observations | Preliminary Management Recommendations | Est. Rem. Contrib. (Yrs) | Cat |
|---------|-----------------|---------|--------------------------------|---------------------------------|--|------------------------------|-------------------|----------------------|-------------|-------------------------|---|--|--------------------------|-----|
| G9.114  | Sycamore        | -       | S                              | 200                             | 18                                     | 2.4                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.115  | Common Yew      | -       | MS                             | 130<br>120<br>140<br>130<br>130 | 38                                     | 3.5                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.116  | Common Hawthorn | -       | MS                             | 60<br>60<br>60                  | 5                                      | 1.2                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.117  | Common Hawthorn | -       | S                              | 110                             | 5                                      | 1.3                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.118  | Pedunculate Oak | -       | S                              | 110                             | 5                                      | 1.3                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.119  | Common Yew      | -       | MS                             | 270<br>220                      | 55                                     | 4.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.120  | Common Yew      | -       | S                              | 100                             | 5                                      | 1.2                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.121  | Sycamore        | -       | S                              | 140                             | 9                                      | 1.7                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.122  | Sycamore        | -       | S                              | 160                             | 12                                     | 1.9                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.123  | Sycamore        | -       | S                              | 230                             | 24                                     | 2.8                          | -                 | -                    | Semi-mature | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.124  | Sycamore        | -       | S                              | 120                             | 7                                      | 1.4                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |
| G9.125  | Sycamore        | -       | S                              | 120                             | 7                                      | 1.4                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.126  | Sycamore        | -       | S                              | 110                             | 5                                      | 1.3                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.127  | Sycamore        | -       | S                              | 140                             | 9                                      | 1.7                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 10+                      | C1  |
| G9.128  | Common Yew      | -       | S                              | 80                              | 3                                      | 1.0                          | -                 | -                    | Young       | -                       | -   | None required at time of survey        | 20+                      | C1  |