

# Schedule of Arboricultural Monitoring



at

**201 Sheen Lane  
East Sheen  
London  
SW14 8LE**



**Dated  
2<sup>nd</sup> July 2023**



**CROWN  
Consultants**

Tree consultants throughout England and Wales

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## **1. Introduction**

### **1.1. Instruction**

1.1.1. We are instructed by Bernie Segal to produce a schedule of arboricultural monitoring to accompany proposed development at 201 Sheen Lane. This schedule should be approved by the local authority tree officer prior to commencement of any works on site as specified in Decision Notice DC/KEM/22/3071/HOT/HOT, Condition Number U0146674.

1.1.2. This schedule should be read in conjunction with our report (including Arboricultural Method Statement and Tree Protection Plan) dated the 1<sup>st</sup> of November 2022.

1.1.3. This monitoring schedule was compiled by Joe Taylor - FdSc (Arboriculture), M. Arbor A. and is dated the 28<sup>th</sup> of April 2023. Details of the author's experience that qualify him to propose such a schedule are detailed in Appendix 1.

### **1.2. Application Reference**

1.2.1. This document relates to Condition U0146674 of Planning permission dated the 3<sup>rd</sup> of January 2023 (RN: DC/KEM/22/3071/HOT/HOT).

### **1.3. Commencement Date of Works**

1.3.1. At the time of writing (28/04/23), works are yet to commence, and the commencement date is yet to be confirmed.

### **1.4. Site Induction**

1.4.1. The site manager shall be responsible for inducting all contractors (including those providing connections to underground services) and making sure they are aware of all tree protection requirements. This shall include provision of a printed copy of the Arboricultural Method Statement and Tree Protection Plan as well as a verbal account of all restrictions that apply within the Construction Exclusion Zone and Restricted Activity Zones.

## 2. Monitoring Schedule

### 2.1. Key Personnel and Responsibilities

2.1.1. The details of relevant personnel and their responsibilities are detailed below:

Name	Company	Role	Key Duties
Ivan Button, Joe Taylor, Emma Hoyle	Crown Consultants Ltd	Appointed Arborist	<p>Liaising with LPA Tree Officer Barbara Milne over all arboricultural matters.</p> <p>Initial inspection and signing off of tree protection barriers including ground protection measures.</p> <p>Monthly site visits and inspections.</p> <p>Oversight of excavation for basement to rear down to 1.2m.</p> <p>Reporting to the local authority following site inspections and any variation or incidents.</p>
Adam Bullett	Green County Developments	Project Manager	<p>Liaising with site manager &amp; project arborist regarding any potential issues relating to trees.</p> <p>Scheduling of meetings, excavations and tree protection inspections.</p> <p>Overseeing of this monitoring schedule.</p> <p>Instructing the project arborist and arranging access.</p> <p>Liaising with local authority regarding discharge of planning conditions.</p>
Dragos Petre	Green County Developments	Site Manager	<p>Day to day monitoring of tree protection measures.</p> <p>Fortnightly supply of site photographs showing all tree protection measures.</p> <p>Induction of all contractors.</p> <p>Reporting to the Appointed Arborist of any incidents or potential variations to the agreed tree protection measures.</p>
TBC	London Borough of Richmond upon Thames	Tree Officer	<p>Receipt of reports from the appointed arborist.</p> <p>Liaising with the appointed arborist to agree suitability of tree protection measures and any variations.</p> <p>Enforcement.</p>

## 2.2. Schedule of Inspections

2.2.1. The table below specifies when the appointed arborist shall attend the site and oversee operations.

Inspection	Site Attendees	Comments
<b>Pre-Start Desk-top</b> To occur prior to any works taking place on the site.	N/A.	Project Manager and Site manager to study this Method Statement & contact the Project Arborist to agree all protection measures.
<b>Pre-Start Meeting</b> After tree works completed & tree protection barriers / ground protection measures installed. Prior to any other activity, inc. demolition & soil stripping.	Site manager, project arborist. Tree Officer invited.	Tree protection fencing locations & specification checked. Ground protection measures checked. Contractors to be inducted to all relevant aspects of the Arboricultural Method Statement. Responsibilities checked and acknowledged. Adherence to the Arboricultural Method Statement to be discussed and agreed. Report on findings to be sent to the local authority tree officer (see accompanying reporting template)
<b>Monthly Inspection and Reporting</b> To occur once per calendar month throughout the entirety of the project until the local authority agree that tree protection measures may be removed	Site manager and project arborist.*	Tree protection fencing locations & specification checked. Ground protection measures checked. Past month, present and future month – activities and adherence to Arboricultural Method Statement discussed and checked. Report on findings to be sent to the local authority tree officer within 5 working days.
<b>Post-Construction Meeting</b> Post external construction activity but prior to removal of fencing & landscaping operations.	Site manager, project arborist. Tree Officer invited.	Retained trees inspected. Ground conditions assessed and mitigation measures agreed where appropriate. Further landscaping operations and restrictions to be agreed.

\* Where agreed with the L.A. it may be acceptable to supply photographs of the fencing to avoid the necessity for a site visit.

## 2.3. Reporting to the Local Authority

2.3.1. Following each site visit the appointed arborist shall compile a report on all observations, variations and proposed mitigation. This shall include photographs of protection measures and relevant supervised works. This shall be issued to our client and to the local authority upon request

## 2.4. Variations and Incidents

2.4.1. In the event of any previously unforeseen circumstances requiring a variation of any restriction within the Arboricultural Method Statement, the site manager shall report to the appointed arborist who will liaise with the local authority tree officer to formally agree appropriate mitigation measures.

## 3. Inspection Records

### 3.1. Inspection 1

<b>Site</b>	201 Sheen Lane
<b>Inspection Date</b>	13/04/2023
<b>Inspector Name</b>	Joe Taylor
<b>Reason for Inspection</b>	Pre-Commencement Meeting. Check protection measures. Induct Site Manager.
<b>Persons Present</b>	Joe Taylor (project arborist), Dragos Petre (site manager) and Richard Woods (project architect)
<b>Protection fencing</b>	<p>Tree protection fencing was installed in the rear garden in the specified location. However, the fencing was not fixed together with scaffold clips, supported by back stays or have notices attached to identify tree protection zones.</p> <p>Following the meeting, the fencing has been secured together with cable ties and notices attached (see Photographs 9 – 11). Given that no construction machinery will access the rear garden, this fencing specification is considered adequate.</p>
<b>Ground Protection</b>	<p>Throughout the site, no ground protection measures were installed.</p> <p>Following the meeting, ground protection measures have been installed and is in the specified location (see Photographs 9 – 11). However, the layer of woodchip laid beneath the ground protection measures is considered too thick and should ideally only be a few centimetres deep to provide a level surface and prevent tripping.</p>
<b>Other Comments</b>	<p>The installation of the new hard surface in Restricted Activity Zone B was discussed, and the restrictions were understood.</p> <p>The approved removal of T1 has been undertaken.</p> <p>It is worth noting that the owner of T2 (at 203 Sheen Lane) has installed wire around the tree's stems and, recently, a fence post close to its stem. Consequently, some damage to the bark and dieback to the canopy may develop in a few years.</p>
<b>Actions Required</b>	Reduce the depth of the woodchip beneath the ground protection measures to prevent tripping.

### 3.2. Inspection 1 Photographs

Photo 1. From Site Visit.



Photo 2. From Site Visit.



Photo 3. From Site Visit.

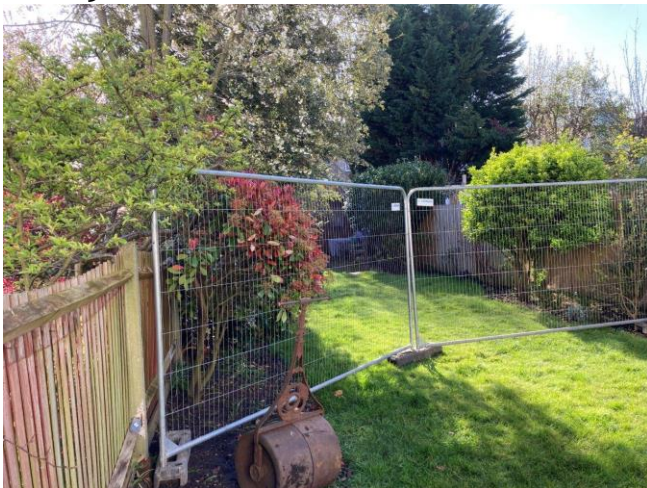


Photo 4. From Site Visit.



Photo 5. From Site Visit.

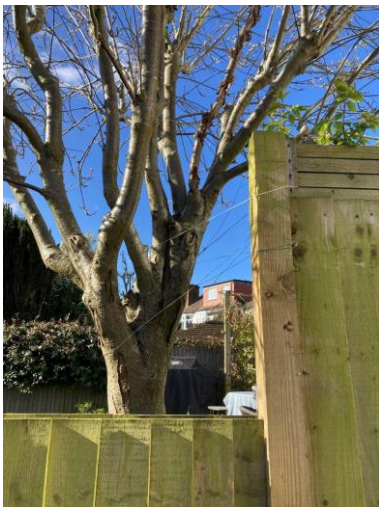


Photo 6. From Site Visit.



Photo 7. From Site Visit.



Photo 8. From Site Visit.



Photo 9. From the Client.



Photo 10. From the Client.

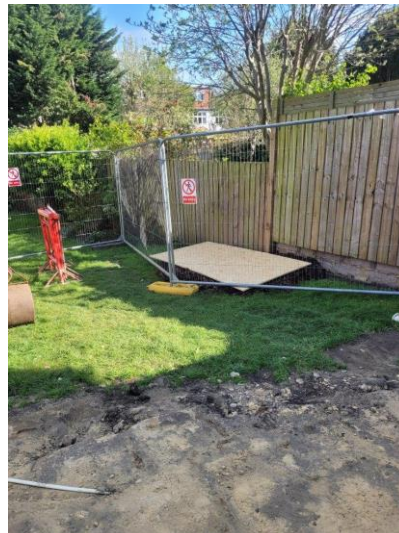


Photo 11. From the Client.





### 3.3. Inspection 2

<b>Site</b>	201 Sheen Lane
<b>Inspection Date</b>	17 <sup>th</sup> June 2024
<b>Inspector Name</b>	Carl Lothian
<b>Reason for Inspection</b>	Post-construction meeting.
<b>Persons Present</b>	Carl Lothian, Robert Wilson (architect)
<b>Protection fencing</b>	Removed. No evidence of construction works / compaction in Construction Exclusion Zone.
<b>Ground Protection</b>	Not in place No evidence of damage / compaction within Restricted Activity Zone
<b>Other Comments</b>	<p>T2 (rowan) has failed to come into leaf. I am informed that the construction methodology as set out in the Arboricultural Method Statement was followed meaning that the raised patio foundations span the RPA of T2.</p> <p>I am also informed by the owners that there has been a history of honey fungus related tree mortality within their property, as two apple trees have previously died. During our initial survey of the site, honey fungus fruiting bodies were observed within the rear garden. A tree stump located within the same garden as T2 can be seen as having evidence of honey fungus (see Photo 4), with mycelium present beneath the bark. Moreover, the nearby Eunymous shrub in the garden on 201 sheen lane has yellowing leaves (see Photos 5 and 6), indicative of a root issue and possible honey fungus infection.</p> <p>On the grounds that the patio foundations span the RPA of T2 and protective measures were in place throughout construction, it is unlikely that T2 has died as a result of construction work. Given that honey fungus is present within the vicinity of T2, and that rowan trees are described as being top hosts of this disease (Royal Horticultural Society), it is likely that the death of T2 is a result of a honey fungus infection.</p> <p>Photographs have been provided by Bernie Segal (property owner) which show the presence of tree protection throughout the construction process, the decline of T2 throughout the construction process, and the presence of honey fungus fruiting bodies within the site (see Appendix 2).</p>
<b>Actions Required</b>	N/A.

### 3.4. Inspection 2 Photographs

Photo 1. Showing rear garden (no evidence of construction activity).



Photo 2. Showing newly built patio (T2 in background).



Photo 3. Showing newly built patio and T2.



Photo 4. Stump located on boundary with mycelium under bark (symptom of honey fungus).



Photo 5. Euonymus shrub in rear garden with yellowing leaves (symptom of honey fungus).



Photo 6. Euonymus shrub in rear garden with yellowing leaves (symptom of honey fungus).



## Appendix 1: Author's Qualifications

### Qualifications & Experience of Carl Lothian – BSc (Hons) (Arboriculture), MArborA.

Carl began his arboricultural career by undertaking a Level 3 extended diploma in arboriculture and forestry at Merrist Wood College in 2015. Upon completion of his diploma, Carl worked with several tree surgery firms completing a range of arboricultural works. In 2018 Carl began his BSc (Hons) in arboriculture and urban forestry, graduating with a first-class degree and attaining the Institute of Chartered Foresters Student of the Year Award. After graduating, Carl worked as a TreeRadar technician where he carried out tree root and decay surveys with specialist ground-penetrating radar equipment. During this time Carl was fortunate enough to work at prestigious sites, such as the Palace of Westminster and the National Maritime Museum.

Whilst working at Crown, Carl has undertaken a range of tree surveys and written reports relating to development, tree condition, subsidence, hazard assessment, and decay detection. Carl is a professional member of the Arboricultural Association

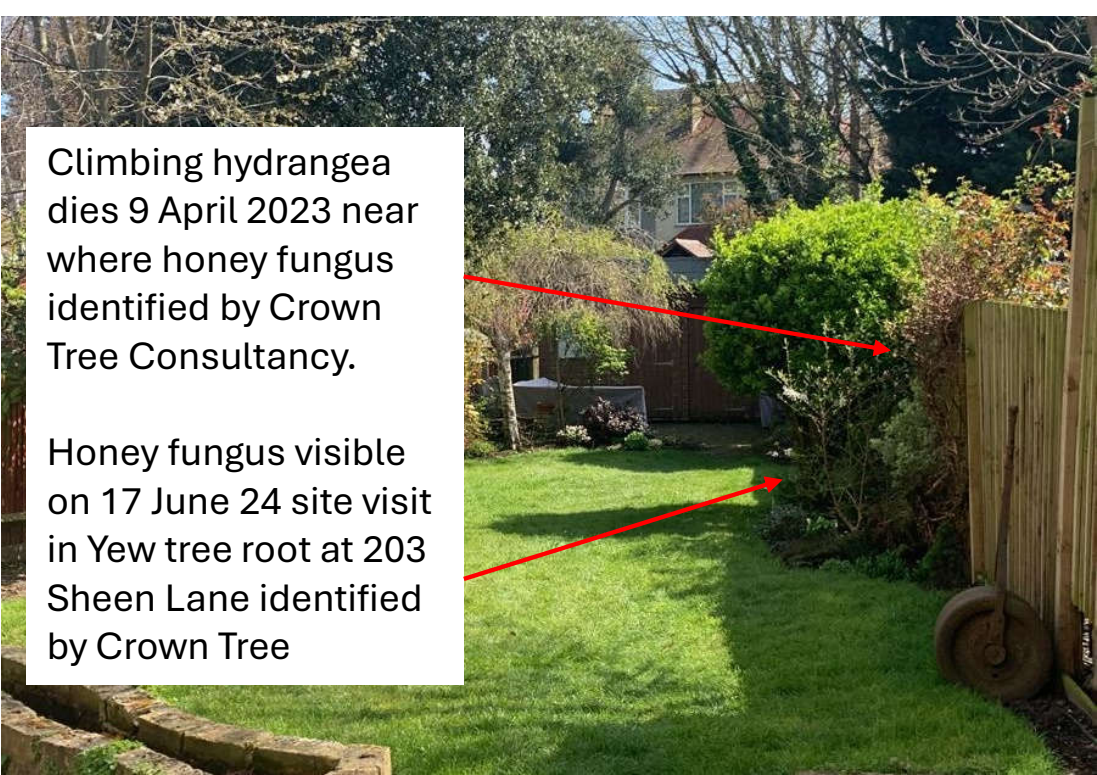
## **Appendix 2: Additional Photographs**

Annotated photographs provided by Bernie Segal follow this page:

201 Sheen Lane  
Tree report/visit  
17 June 2024 – Carl, Crown Tree



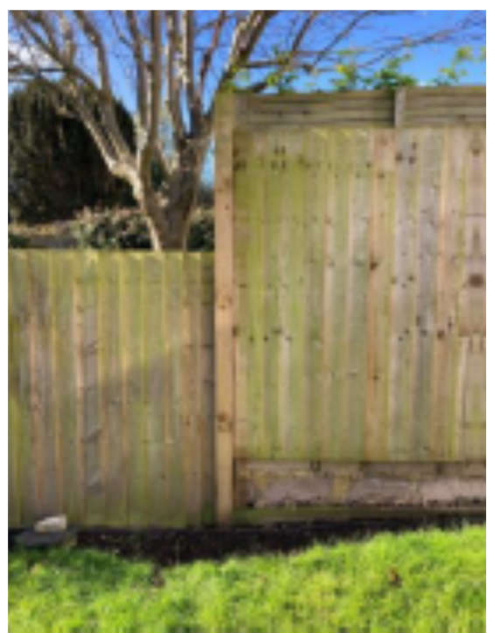
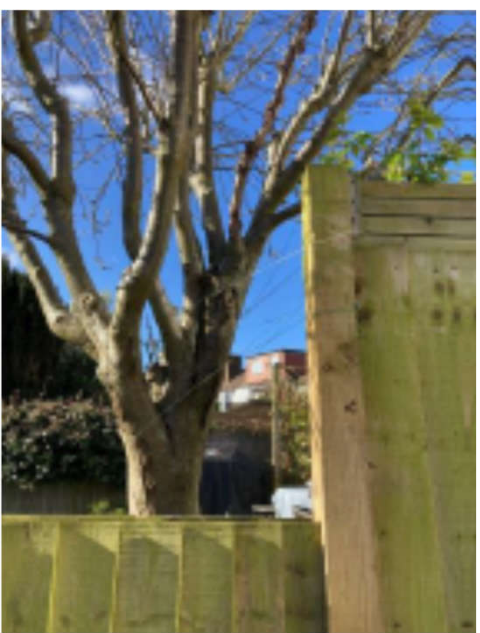
Honey fungus  
Sept 2018



Climbing hydrangea dies 9 April 2023 near where honey fungus identified by Crown Tree Consultancy.  
  
Honey fungus visible on 17 June 24 site visit in Yew tree root at 203 Sheen Lane identified by Crown Tree



Protective Heras fence in place for Rowan tree protection  
19 April 2023



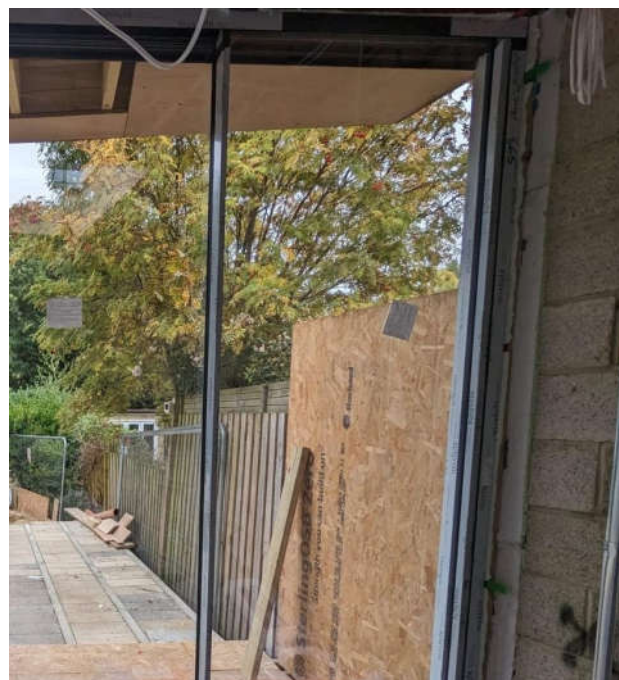
Rowan tree tied to fence by neighbour.  
CTC visit 28 April 2023



Rowan tree roots are constricted under neighbours' concrete blocks and decking at no. 203. 25 May 2023



Patio constructed using approved beam and block method to span over Rowan tree 5 July 2023



Rowan tree browning and loss of leaves. 29 August 2023



Rowan tree browning and loss of leaves. 13 September 2023

201 Sheen Lane  
Tree report/visit  
17 June 2024 – Carl, Crown Tree