



Arboricultural Report: TPO/CA Tree Works Application

Date: 06.11.23

Job no: 23039

Address: Ackworth Grove, Pontefract Road, Ackworth, Pontefract, WF7 7EE.

Client: Joanna Ibbotson

Introduction/purpose

We have been instructed to assess 6 trees (T1-6) at the above address, with a view to submitting a TPO application for pruning works. These do not comprise the entirety of the trees on the property, only specific ones that were important for the client to secure works to, owing to their size and position. The client instructed us to conduct the assessment and to submit the application on their behalf.

An investigation was made on 02.11.23 revealing that the surveyed trees within this report are not subject to any Tree Preservation Order (TPO), however T1, T2, T3, T4 and T5 are situated within a Conservation Area (Reference No. CA:15). No works may be undertaken to any trees within this conservation area without prior approval from Wakefield Council.

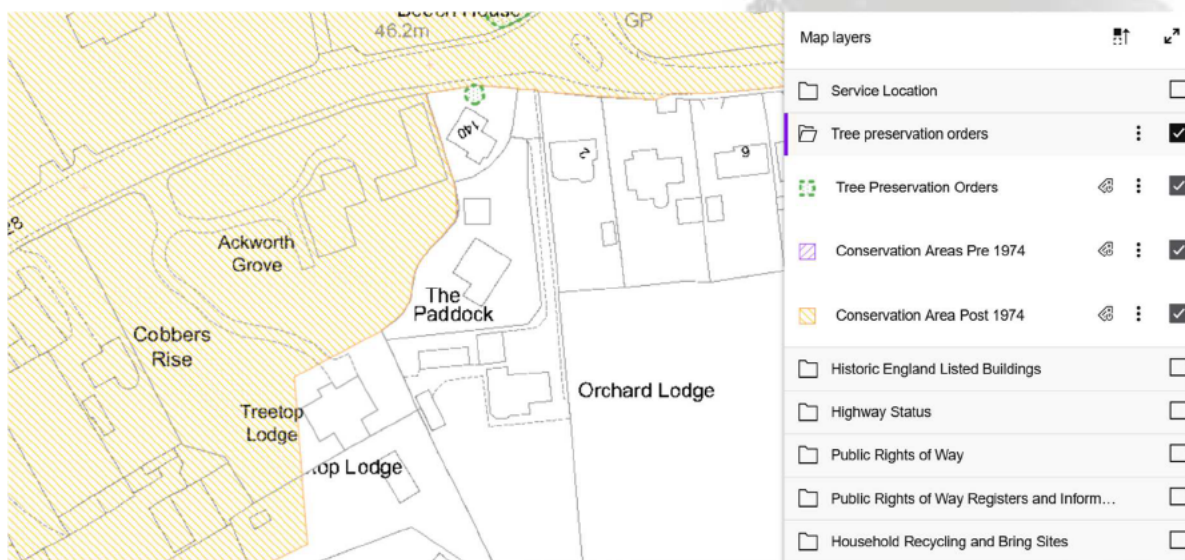


Figure 1 Wakefield Council online interactive map showing the presence of the Conservation Area CA 15 on the surveyed site T1, T2, T3, T4 and T5 are included within this conservation area



Several issues were raised:

1. Health & safety:

The primary purpose here is to ensure that the surveyed trees remain within an acceptable threshold of risk. This is with relevance to several key factors, including that some of the trees overhang or are within falling distance of the adjacent busy highway (Pontefract Road). The presence of residential dwellings and homeowners/occupiers in close vicinity of the trees, as well as the fact that children live and play throughout the property.

2. Light/Aesthetics:

Negative impacts of shading and blocking light to the two dwellings on the property.

3. Size/future growth/maintenance:

The trees growing larger over the time that the client has managed the property/bringing them into a size/shape that is easier to maintain.

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A meeting was conducted on 4th October 2023 between the client and arboricultural consultant. During this meeting the above issues were discussed, along with suitable tree work options which would improve the situation without impacting the long-term health of the trees. The six trees (T1-6) were thoroughly inspected and the findings are included in this report.





T1: Silver Pendent Lime (*Tilia tomentosa* 'Petiolaris')

Age class: Mature

Height(m): 22

Crown Height(m): 2

Crown radius(m): 8

Stem diameter(mm): 800-1000

Physiological condition: Good

Structural condition: Fair

Observations: The canopy conflicts with adjacent telecoms cables. There are rubbing branches noted in the lower crown. The lowest branch has a poor attachment point, which poses a risk of failure over the car parking space. Some epicormic growth at the base of the stem.

R **ions**

branches to create 2m of clearance from the telecoms cables.

2. Crown lift by removing the lowest two branches which overhang the parking space.
3. All above works to be conducted in accordance with BS3998 and all pruning cuts made back to suitable growth points.





Figure 2 T1 showing branches to be removed as part of minor crown-lifting works over car parking area A268 can be seen behind the site boundary



T2: Silver Pendent Lime (*Tilia tomentosa* 'Petiolaris')

Age class: Mature

Height(m): 22

Crown Height(m): 2

Crown radius(m): 8

Stem diameter(mm): 800-1000

Physiological condition: Good

Structural condition: Good

Observations: The main stem is bifurcated at approximately 2.5m. There is a branch tear wound noted in the upper-mid canopy on the South-West side. Minor deadwood noted in the crown.

Recommendations

[REDACTED] a height of 3m, to provide clearance over the car parking area.

[REDACTED] deadwood.

3. All above works to be conducted in accordance with BS3998 and all pruning cuts made back to suitable growth points.



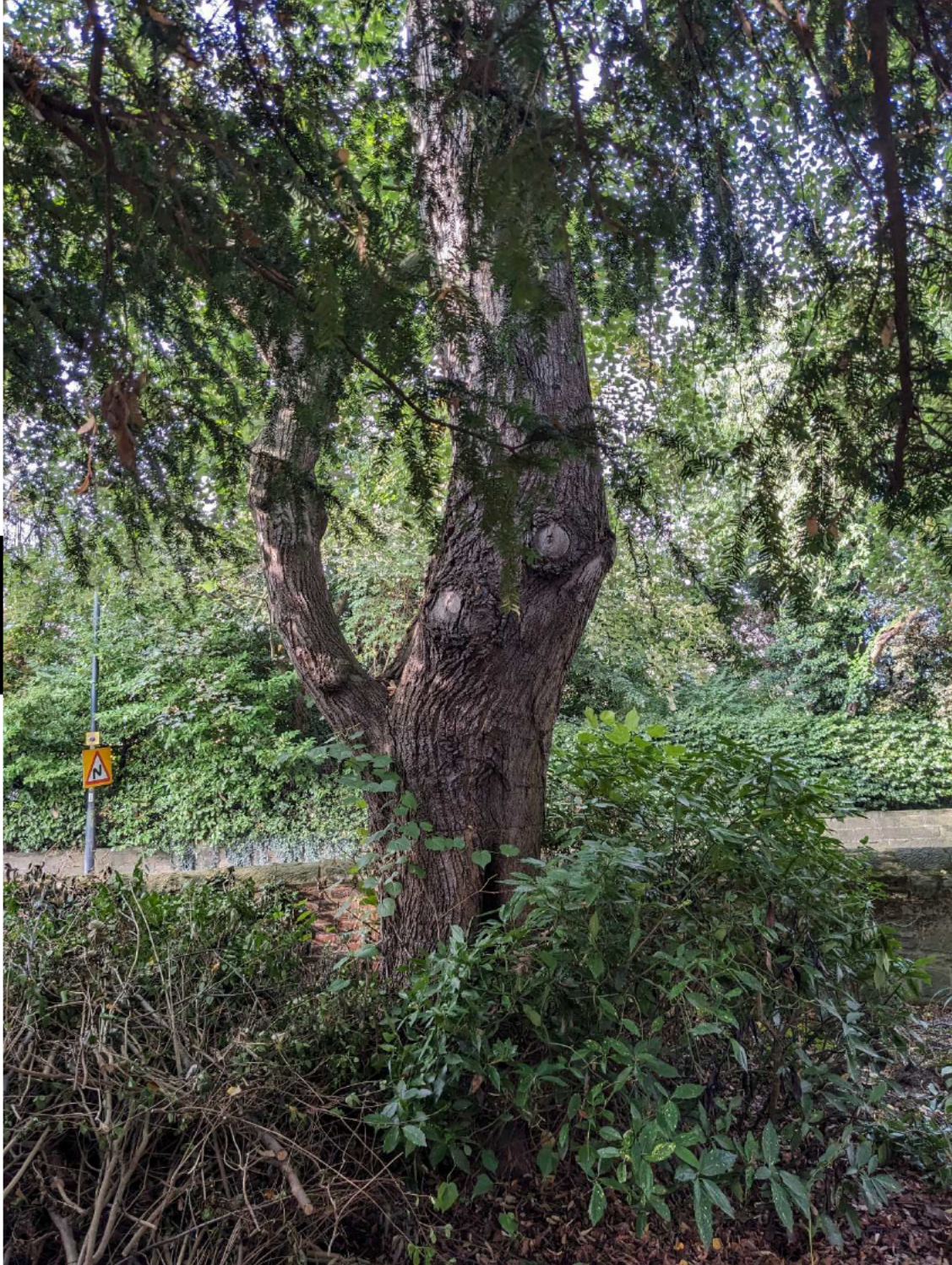


Figure 3 T2 shown adjacent to boundary, with A628 behind



T3: Copper Beech (*Fagus sylvatica* 'Atropurpurea')

Age class: Mature

Height(m): 18

Crown Height(m): 2

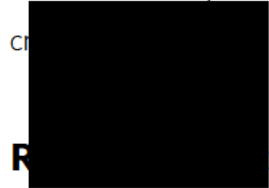
Crown radius(m): 10

Stem diameter(mm): 970

Physiological condition: Good

Structural condition: Fair

Observations: A large specimen with a wide spreading crown and low hanging crown. There are burrs on the stem and occluded pruning wounds noted throughout from previously crown lifting and crown reduction works. Also noted are multiple crossing and rubbing branches within the crown, as well as a minor broken branch in the lower



R **ions**

1. Crown lift to a height of 4m.
2. Reduce crown laterally by 3m from branch tips.
3. Remove broken branch from lower crown.
4. All above works to be conducted in accordance with BS3998 and all pruning cuts made back to suitable growth points.





Figure 4 T3 with wide spreading crown, overhanging the lawned area



T4: Corsican Pine (*Pinus nigra*)

Age class: Mature

Height(m): 19

Crown Height(m): 2.5

Crown radius(m): 7.5

Stem diameter(mm): 960

Physiological condition: Good

Structural condition: Good

Observations: A large specimen with a wide spreading crown and large lateral branches reaching towards the adjacent dwelling. There are occasional crossing and rubbing branches within the crown, as well as some minor deadwood noted.

R [REDACTED] **ions**

[REDACTED] ches reaching towards the dwelling by 3m.

2. Lateral Crown reduction by 2m from branch tips.
3. Crown lift to a height of 5m.
4. Remove deadwood.
5. All above works to be conducted in accordance with BS3998 and all pruning cuts made back to suitable growth points.





Figure 5 T4 is situated in lawn area



T5: Sycamore (*Acer pseudoplatanus*)

Age class: Mature

Height(m): 18

Crown Height(m): 3

Crown radius(m): 8

Stem diameter(mm): 850

Physiological condition: Good

Structural condition: Good

Observations: A large open grown specimen. Dense ivy throughout prevented a full detailed inspection.

Recommendations

[REDACTED] laterally by 1.5m-2m from branch tips.

[REDACTED] at the base to assist future inspection.

[REDACTED] works to be conducted in accordance with BS3998 and all pruning cuts made back to suitable growth points.





Figure 6 T5 has become overgrown with dense ivy Situated within hedging



T6: Copper beech (*Fagus sylvatica* 'Atropurpurea')

Age class: Mature

Height(m): 16

Crown Height(m): 2

Crown radius(m): 6

Stem diameter(mm): 760

Physiological condition: Good

Structural condition: Good

Observations: Ivy prevented a full detailed inspection of the base of the stem. Some occluded pruning wounds from previous crown lifting noted on the main stem. Canopy overhangs the stable building and shed.

Recommendations

Remove ivy from the stable building and shed to provide 2m of clearance.

Clear debris at the base to assist future inspection.

- All above works to be conducted in accordance with BS3998 and all pruning cuts made back to suitable growth points.





Figure 7 T6 shown overhanging the stable and shed buildings



Final considerations/limitations

The above recommendations are made based on sound arboricultural knowledge and expertise. We consider this to be the best balance of achieving the desired outcomes, while limiting the impact on the tree and respecting the legal status (which has been issued for a reason). However, we cannot guarantee that future maintenance issues will not arise over time. The recommendations made aim to reduce this as much as can be reasonably achieved.

Our on-site assessment represents a 'snapshot' of the existing vegetation as it is now. Trees are dynamic organisms; their health and structural integrity can change due to a multitude of factors including age, pests and diseases, the effects of wind, human activities and many more. For this reason, this report is only valid for a period of one year from the date of issue. Furthermore, we cannot be held responsible for events that occur due to factors that were not apparent at the time of surveying. If any events occur which cause concern relating to the trees,

te to contact us and we will be happy to provide advice.

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