



ARTEMIS
TREE
SERVICES



Site

Mulberry Close, NW4 1QN

Prepared for
Arrow Leasehold
Management

Prepared by
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14th August 2023

Preliminary Tree Condition Report PTCS-28606-T48

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1. Brief

- 1.1 Artemis Tree Services Ltd has been instructed by Raj Padhiar of Arrow Leasehold Management to undertake a Preliminary Tree Condition Report of one Copper Beech (*Fagus sylvatica*) tree marked as T48 at Mulberry Close, NW4 1QN.
- 1.2 The tree condition survey is primarily concerned with the structural and physiological condition and safety of the trees surveyed.
- 1.3 Recommended management actions are provided for any issues identified by the tree survey.

2. Report limitations

- 2.1 Climbing inspections have not been carried out as part of the preliminary report. If the preliminary inspection identifies a need for further investigation of the tree, this will be detailed within our recommendations.
- 2.2 Conclusions and recommendations relate to the condition of the site and tree at the time of the inspection only. Comments valid for a period of 1-year from the date of this report. Within this period, trees should be inspected for damage following storms or other severe weather events.
- 2.3 Trees are dynamic, living organisms and can never be entirely free of risk. The forces of nature dictate a failure rate, even among intact trees with no apparent defects. The recommendations in this report cannot guarantee the elimination of all risk.
- 2.4 The survey and report does not include risk assessment of trees in relation to subsidence.

3. Methodology of Survey

- 3.1 I carried out the tree condition survey from ground level using the Visual Tree Assessment method (Mattheck,c and Breloer,H, 1994), using basic inspection tools (mallet, probe, and binoculars).
- 3.2 For the purposes of this report, tree heights and stem diameter measurements are estimated using a Haglofs digital clinometer and a laser distance measurement device.

4. Documents provided

- 4.1 An edited copy of the previous tree location plan (with tree highlighted), produced by Russell Ball at ArbolEuro Consultancy, has been included in Appendix 2 of this report.

5. Introduction

5.1 Qualifications

5.1.1 I hold an FdSc in Arboriculture from Northampton University and Level 5 Diploma in Arboriculture from Moulton College.

5.2 Site visit

5.2.1 I visited the site on the 14th of August 2023 to undertake the Preliminary Tree Condition Report.

5.3 Site Description

5.3.1 The site is comprised of 3 residential blocks of apartments with parking and green space to the front and gardens to the rear. The site is bordered to the North by a public footpath and school.

6. Findings and Recommendations

6.1 Appendix 1 contains the findings and recommendations for the trees surveyed. A key for the table information can be found at the end of the survey schedule.

7. Re-inspection frequency

7.1 I recommend that all trees recorded in this report are re-inspected on an annual basis.

7.2 In the period between programmed surveys, trees should be inspected for damage following storms or other severe weather events.

8. Trees Subject to Statutory Controls

8.1 The trees on site are known to be covered by a tree preservation order (TPO). Please note that any recommended works to trees will require permission from the local authority which can take 6-8 weeks to receive a decision (with the exception of deadwood removal which does not require permission and decay detection which can be undertaken on a 5-day notice to the council's planning department)

9. Arboricultural Standards

9.1 All tree works recommended in this report should be carried out in accordance with: *British Standard BS 3998:2010. Tree Work – Recommendations* and undertaken by a suitably qualified contracting company (preferably approved by the Arboricultural Association).

Appendix 1

| Tree no. (Tag no.) | Species | Height (m) | Stem diameter (cm) | Crown Spread (m) | Age class | Physiological condition | Structural condition | Observations | Recommended management actions | Priority | Re-inspect (months) |
|--------------------|---|------------|--------------------|------------------|-----------|-------------------------|----------------------|--|--|----------|---------------------|
| T48 | Copper Beech (<i>Fagus sylvatica</i> var 'purpurea') | 18 | 106 | 14 | M | G | F | <p>Fungal fruiting bodies at base to SW, SE, NE and N (<i>Ganoderma applanatum</i>). Some possible decay audible when stem is tapped with mallet near to fungi.</p> <p>Recent, minor bark damage to surface roots, likely from mowing.</p> <p>Crown has been historically crown lifted and reduced with approx 1-1.5m regrowth and occluded wounds. Some deadwood visible on NE side of crown. Large quantity of Beech nuts/casings on the ground.</p> | <p>Undertake decay detection (Picus – sonic tomography) around the base of the stem to better ascertain quantity of sound wood remaining and provide further management recommendations if required (B).</p> <p>Remove deadwood over 25mm diameter and/or over 1m in length (A).</p> | A | 24 |

Appendix 1



Key for column information

Height – Tree height measured in metres

Stem Diameter – Stem diameter in centimetres measured at 1.5m above ground level

Age Class – Relative to species

NP-Newly Planted (trees within 3-years of being planted)

Y-Young (first third of life, height and growth)

EM-Early Mature (second third of life, height and growth)

M-Mature (last third of life, ultimate height yet still increasing in girth)

OM-Over Mature/ancient (older than last third of life and tree starting to decline/retrench in height and girth starting to reduce. An old example of that species)

V-Veteran (trees of interest biologically, aesthetically, or culturally in their ancient stage of life relative to others of same species)

Physiological condition

Good - Tree in a healthy condition with no significant problems

Fair - Tree generally in good health with some problems that can be remediated

Poor - Tree in poor health with significant problems that can't be remediated

Dead - Tree without sufficient live material to sustain life

Structural condition

Good - Tree in a safe condition with no significant defects

Fair - Tree in a safe condition at present but with defects or with significant defects that can be remediated

Poor - Tree with significant defects that can't be remediated

Priority – Advised time frame for management recommendations to be undertaken from publication date of this report (for tree work only)

| Priority | |
|----------|--|
| U | Within 2 weeks (urgent) Where possible, the hazard should be fenced off until work can be carried out. |
| A | Within 3 months |
| B | Within 1 year |
| C | Within 2 years |

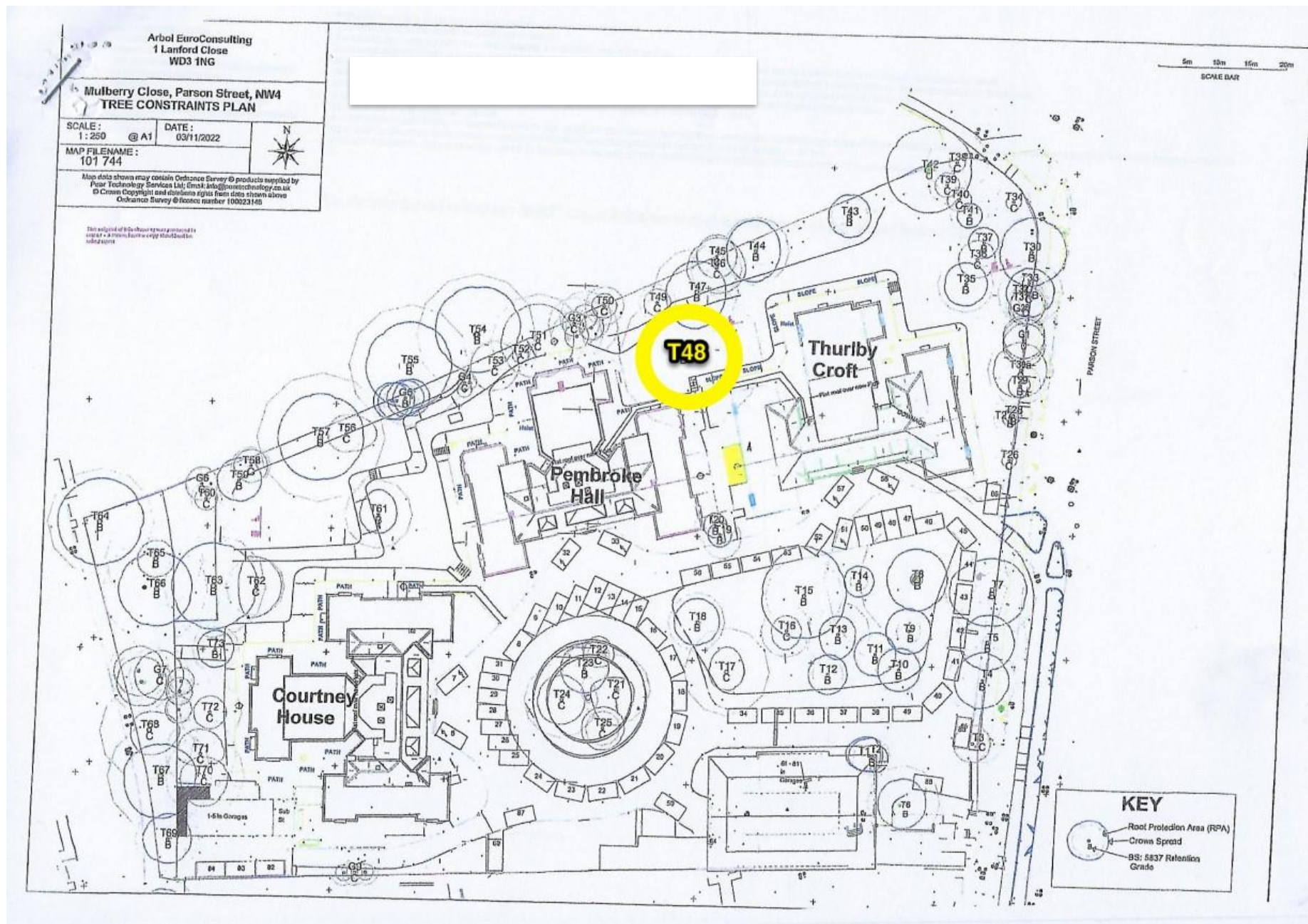
Re-inspect – Advised re-inspection frequency

Deadwood classification

Minor deadwood – Below 40mm in diameter or less than 1m in length

Major deadwood – Over 40mm in diameter and 1m in length

Appendix 2



Appendix 2



Appendix 2



Appendix 2



Appendix 3

Document Record

| Document | Editor | Publication date |
|----------------|----------------|------------------|
| PTCS-28606-T51 | Oliver Coleman | 14/08/2023 |