

# **ARBORICULTURAL REPORT**

**Plot 1A, Lodgeland**

**Ardingly**

**West Sussex**

**RH176SD**

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**Date:** 06-11-24

**Arborsense Ref:** Lodgeland

# **Arboricultural Report**

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## **1. Introductory Details**

**1.1.** Arborsense Arboricultural Consultants have been instructed to undertake a tree survey and to provide an arboricultural report.

**1.2.** The tree survey was undertaken to provide my client with advice relating to his planning application. Survey observations and any required mitigation measures have been detailed in this report.

## **2. Scope and Limitations of the Report**

**2.1.** This report includes:

- Identification and assessment of any direct or indirect impact on existing trees which may occur as a result of the development, and details measures which should be taken to mitigate these impacts.
- Assessment of the health, condition and safety of the trees.
- Recommendations on any immediate and future management of the trees based on current best practice guidelines.

**2.2.** Trees are living organisms whose health and condition can change rapidly and all trees, even healthy ones, are at risk from unpredictable climatic and man-made events. The assessment of risk for any tree is based upon factors evident at the time of the inspection and the interpretation of those factors by a suitably qualified inspector. The health, condition and safety of trees should be checked on a basis commensurate with the level of risk and preferably on an annual basis.

2.3. The assessment of the trees, conclusions and any recommendations made in this report are valid for a period of 12 months only. This period of validity may be reduced should there be any change in factors affecting both the surrounding environment and built structures within close proximity. In addition, any conclusions were made based on information available at the time of the inspection and any inaccuracies in this information may affect the validity of this report

2.4. The trees were inspected from ground level, further assessment of the trees through climbing or internal investigation was not deemed necessary.

2.5. This is not a detailed dimensional report and the measurements given are approximate.

### 3. Survey Method

3.1. The site was surveyed on the 6<sup>th</sup> of November, 2024. Each tree or tree was given a unique identity number. A visual tree assessment was then made and the following data recorded in accordance with BS5837:2012, *Trees In Relation To Design, Demolition and Construction Recommendations*.

- Tree position
- Individual number
- Height
- Stem diameter at 1.5m (DBH)
- Branch spread at 4 cardinal points
- Height above ground level of canopy, first significant branch (fsb) and direction of fsb.
- Age class
- Observations
- Structural condition
- Preliminary management recommendations
- Estimated remaining contribution (years)
- Category grading
- Root Protection Areas (RPA's)

#### **4. Observations & Recommendations**

*(See the Tree Location Plan below for clarity)*

**4.1.** There is one mature Ash to the front of the property; the health of the tree was difficult to assess due to the timing of the survey.

**4.2.** I recommend that the tree protected during the works.

#### **5. Description of the Proposed Development**

**5.1.** Construction of two new dwelling houses (see LMA Associates DRG NO 07241).

#### **6. Arboricultural Implications of the Proposed Development**

**6.1.** There will be no tree losses.

#### **7. Arboricultural Method Statement**

**7.1.** Heras Fencing will be installed to protect T1 before any works commence; the fencing will be constructed in accordance with BS 5837: 2012 (*Appendix 1.*) The area enclosed by the fencing will be considered a complete exclusion zone; there will be no vehicles, equipment or machinery within the fenced off areas. Under no circumstances will any materials be stored within the fenced off area, and no cement, diesel or oil stored near to it.

**7.2.** No fires will be lit in a position where the flames could extend to within 5 metres of the foliage, branches or trunk of a retained tree.

**7.3.** No retained tree shall be cut down, uprooted or destroyed, nor shall any retained tree be topped or lopped, other than in accordance with the prior written approval of the Local Planning Authority and BS3998: 2010 *Tree Work Recommendations*. If any retained tree is removed, uprooted, destroyed or dies, a replacement tree shall be planted and that tree shall be of such size and species and shall be planted at such a time and in a position to be agreed with the Local Planning Authority.

**7.4.** Any roots that are found which are smaller than 25mm in diameter during the excavations shall be pruned back to a side shoot or suitable position with a sharp pruning tool such as bypass secateurs. Roots larger than 25mm diameter should only be severed following consultation with the arboriculturist. Roots can become desiccated quickly and should be covered with dry, clean hessian sacking to prevent freezing overnight or a wet cloth on warm days.

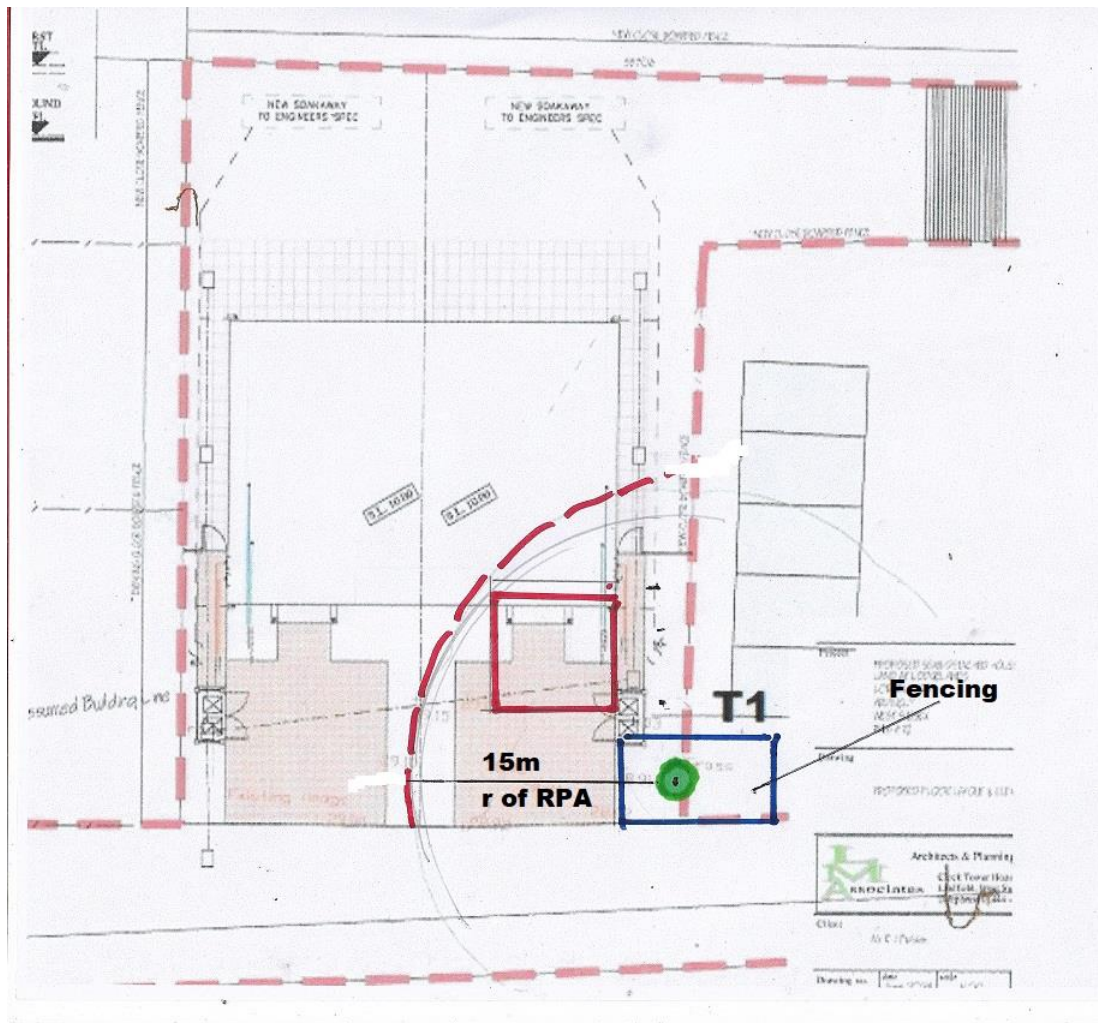
## 8. Data schedules explanatory notes

### 8.1. Survey Data Schedules:

- Tree ID: Identification number for each tree on the plan.
- Species: Common name for each tree
- Y-Young: Newly established tree with DBH of 15cm or less.
- SM-Semi-mature: Well established tree, but one which has significant growth before reaching its full height or spread.
- M-Mature: A tree which has reached its maximum size.
- OM-Over-mature: A tree which is past reaching its maximum size and is 'growing down'.
- Veteran: A tree which has attained an age which is exceptional for that specific species.
- Dead: Self explanatory
- MS/multi-stemmed at 150cm.
- DBH: The stem diameter in millimetres at a height of 150cm from the base of the stem.
- Height: Height of the tree measured in metres.
- Grade: The category grading applied to each tree or group of trees in accordance with BS 5837. A: trees of high quality. B: trees of moderate quality. C: trees of low quality. U: trees unsuitable for retention.
- Sub grade: The criterion which was used to assess trees in terms of either arboricultural (1), landscape (2), or conservation value (3).
- Structural condition: The structural integrity of the tree; taking into account features like hollows, included bark etc.
- Branch Spread: N/S/E/W: The crown spread measured in metres separately in the 4 directions.

- Height above ground level of canopy, first significant branch and direction of first significant branch.
- Estimated remaining contribution in years: Estimated prospective life expectancy of the tree recorded in 4 categories: -10, 10+, 20+ and 40+.
- Observations: Any comments regarding previous work done on the trees; Structural problems; Disease; Deadwood etc.
- Preliminary Management Recommendations: Any recommended work or further investigations which are needed to rectify any of the faults identified in the survey.

## APPENDIX 1. TREE LOCATION PLAN



**APPENDIX 2: TREE SURVEY DATA SCHEDULES**

| Tree No. | Species                          | Height<br>m | Stem<br>Diameter<br>mm | Branch<br>Spread<br>m    | Height<br>Above<br>Ground<br>Level m   | Age<br>Class | Observations       | Structural<br>condition | Preliminary<br>Management<br>Recommendations | Estimated<br>Remaining<br>Contribution<br>(years) | Category<br>Grading<br>U,A,B,C<br>1,2,3 |
|----------|----------------------------------|-------------|------------------------|--------------------------|----------------------------------------|--------------|--------------------|-------------------------|----------------------------------------------|---------------------------------------------------|-----------------------------------------|
| T1       | Ash<br><br>Fraxinus<br>excelsior | 25          | 1240                   | N 5<br>E 7<br>S 5<br>W 5 | Canopy<br>5<br>Fsb 3<br>Direction<br>E | Mature       | Has been<br>pruned | Fair                    | None                                         | 10?<br><br>Ash dieback                            | B2                                      |