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# Tree Planting Scheme for 116A and 116B Amyand Park Road, TW1 3HP

**Prepared for:** Richmond Local Planning Authority

**Prepared by:** London Roc Capital Ltd

**Date:** 12/12/24

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## 1. Compliance with British Standards

This tree planting scheme has been prepared in accordance with:

- **BS 5837:2012** - *Trees in relation to design, demolition, and construction – Recommendations* (sections 5.6).
  - **BS 8545:2014** - *Trees: from nursery to independence in the landscape – Recommendations*.
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## 2. Tree Planting Details

### A) Quantity, Size, Species, and Position

The following trees are to be planted on the site:

Species	Size	Quantity	Position	Supplier
<i>Pyrus calleryana</i> 'Chanticleer'	Standard, 10–12 cm girth	9	Rear Gardens	Form Plants
<i>Amelanchier</i> 'Robin Hill'	Standard, 8–10 cm girth	2	Rear Gardens	Form Plants
<i>Amelanchier lamarckii</i>	Standard, 10–12 cm girth	3	Front Gardens	Form Plants

### Position Details:

- **Rear Gardens:** Trees will be evenly spaced along the garden boundaries to provide privacy and aesthetic appeal.
  - **Front Gardens:** Trees will be positioned to enhance the front landscape and complement the architectural features of the development.
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## B) Planting Specification and Methodology

### Soil Volume Calculations

- **General Guidelines:** Soil volumes are calculated based on BS 8545:2014 recommendations, ensuring sufficient soil for root development.
- 1. **Pyrus calleryana 'Chanticleer'**
  - **Recommended Soil Volume per Tree:** 5 cubic meters
  - **Total Soil Volume:** 9 trees × 5 m<sup>3</sup> = **45 m<sup>3</sup>**
- 2. **Amelanchier 'Robin Hill'**
  - **Recommended Soil Volume per Tree:** 4 cubic meters
  - **Total Soil Volume:** 2 trees × 4 m<sup>3</sup> = **8 m<sup>3</sup>**
- 3. **Amelanchier lamarckii**
  - **Recommended Soil Volume per Tree:** 5 cubic meters
  - **Total Soil Volume:** 3 trees × 5 m<sup>3</sup> = **15 m<sup>3</sup>**
- **Total Soil Volume for All Trees: 68 cubic meters**

### Planting Methodology

1. **Site Preparation:**
    - **Excavation:** Planting pits will be excavated to dimensions exceeding the root ball by at least 300 mm in all directions.
    - **Soil Quality:** The excavated soil will be assessed for quality; if unsuitable, it will be replaced with a suitable topsoil conforming to BS 3882:2015.
  2. **Planting Process:**
    - **Tree Handling:** Trees will be handled carefully to prevent root damage and desiccation.
    - **Positioning:** Trees will be planted upright and at the same depth as they were in the nursery.
    - **Backfilling:** The pit will be backfilled with a mix of native soil and compost, ensuring air pockets are eliminated.
    - **Staking and Tying:**
      - Trees will be supported with a single or double stake as necessary.
      - Ties will be adjustable and checked regularly to prevent damage to the trunk.
  3. **Root Deflection Measures:**
    - **Root Barriers:** Where trees are planted within 2 meters of underground services or hard surfaces, root barriers (e.g., HDPE root panels) will be installed to a depth of 600 mm.
    - **Implementation:** Root barriers will be installed according to manufacturer specifications to direct root growth downward.
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### **C) Proposed Time of Planting (Season)**

- **Planting Season:** All trees will be planted during the dormant season, between **November and March**.
  - **Specific Timing:** Planting is scheduled for January weather permitting.
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### **D) 5-Year Aftercare, Maintenance, and Management Programme**

#### **Years 1–2**

- **Watering:**
  - Trees will be watered weekly during dry periods from April to September.
  - Each tree will receive approximately 20 liters of water per watering session.
- **Mulching:**
  - A 75 mm layer of organic mulch will be applied around the base of each tree, extending to the tree's drip line where possible.
  - Mulch will be kept clear of the trunk to prevent rot.
- **Weed Control:**
  - Manual weeding or approved herbicides will be used as necessary.
- **Inspections:**
  - Monthly inspections to monitor tree health, stability, and the condition of stakes and ties.
  - Any necessary adjustments or repairs will be made promptly.

#### **Years 3–5**

- **Watering:**
  - Watering will be reduced to bi-weekly during prolonged dry spells.
  - Monitoring soil moisture levels to prevent over or under-watering.
- **Pruning:**
  - Formative pruning will be conducted during the dormant season to promote strong structure.
  - Removal of any dead, diseased, or crossing branches.
- **Inspections:**
  - Quarterly inspections to assess tree health and growth.
  - Continued maintenance of mulch and weed-free zones.

## General Maintenance:

- **Pest and Disease Management:**
  - Trees will be monitored for signs of pests or diseases.
- **Record Keeping:**
  - A maintenance log will be kept detailing all care activities and observations.

## Replacement Strategy:

- Any tree that fails to establish, dies, or is removed within the 5-year period will be replaced with a tree of the same species and size during the next planting season.
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## 3. Implementation and Reporting

- **Completion Timeline:**
    - All tree planting will be completed **prior to the occupation** of any part of the development unless otherwise agreed in writing.
  - **Reporting:**
    - Upon completion, written confirmation and photographic evidence of the tree planting will be submitted to the Arboricultural Team.
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## 4. Replacement Clause

- **5-Year Guarantee:**
    - If within five years from the date of planting any tree is removed, uprooted, destroyed, or dies (or becomes seriously damaged), it will be replaced with a tree of the same size and species.
  - **Replacement Timing:**
    - Replacements will occur in the next available planting season or in accordance with a timetable agreed in writing with the local planning authority.
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## Reason for the Scheme

To safeguard the appearance of the locality and maintain tree cover, contributing to the area's biodiversity and environmental quality.

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## Attachments:

- **Site Plan:** Showing positions of proposed tree planting. (Hard and Soft Landscaping Plan)
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