



Tree and shrub planting, management and monitoring plan

August 2025

Report no.: TWR-0129

Client: The Governing body of St. Cecilia's RC high school

Site Address: St Cecilia's RC High School, Chapel Hill, Longridge, Preston, PR3 2XA

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Report type: Tree and shrub planting management and monitoring plan

Planning application: 3/2024/1020

Decision date: 15th April 2025

Tree Planting Proposal

This proposal outlines the planting of new trees and shrubs at St. Cecilia's RC High School to enhance the landscape, provide ecological benefits, and to support the successful approval of the planning application for additional car parking on the premises.

Proposed Trees

A total of 15 feathered standard trees, each approximately 3m in height with 38mm stem diameter, will be planted. The species selected are:

- **Rowan** (*Sorbus aucuparia*)
- **Birch** (*Betula pendula*)
- **Alder** (*Alnus glutinosa*)
- **Swedish Whitebeam** (*Sorbus intermedia*)

These species have been chosen for their suitability to the local climate, aesthetic appeal, and their ability to provide varied seasonal interest and habitat for local wildlife.

Location

It is recommended that these trees are planted on the Western boundary of the property grounds. North of the residential properties. Trees should be situated approximately 3 meters inside of the school fence and spaced approximately 3-4 meters apart to allow for a healthy balanced growth. (see drawing no. 4974/P11)

Proposed Shrubs for Replacement

Due to the risk of the existing shrubs not surviving being transplanted, the following shrubs will be replaced. This will maintain the diversity and health of the existing shrubbery. All replacement shrubs will be of a similar size to the existing ones:

- **Fuchsia**
- **Himalayan Cotoneaster** (*Cotoneaster simonsii*)
- **Wilson's Honeysuckle** (*Lonicera nitida 'Baggesen's Gold'*)
- **Prunus** (species to be confirmed based on specific site conditions and desired characteristics)
- **Garden Rose** (*Rosa* species/cultivar)
- **Pendulous Sedge**

The replacement shrubs will be selected to complement the new tree plantings and existing landscape, contributing to a more resilient and visually appealing environment.

Location

Shrubbery located on the southerly pathway from the main entrance.

Tree Aftercare and Management Plan

To ensure the long-term health and establishment of the newly planted trees and the revitalisation of existing ones, the following aftercare and management plan will be implemented:

Soil Decompaction and Aeration

Injections into the soil to a depth of 300mm shall be made over the entire root/crown zone using a Terravent Pneumatic Soil Decompactor. This process will alleviate soil compaction, improve aeration, and facilitate better water and nutrient infiltration, crucial for healthy root development.

Mycorrhizal Inoculation

Soil inoculation of the root/crown zone with a mixture of ecto and VAM mycorrhizae shall be carried out. Mycorrhizal fungi form a symbiotic relationship with tree roots, enhancing their ability to absorb water and nutrients from the soil, thus promoting robust growth and increased resilience to environmental stresses.

Mulching

A sufficient proportion of surface area of the root/crown zone shall be mulched with a 100-150mm layer of organic matter. This mulch layer will help conserve soil moisture, regulate soil temperature, suppress weed growth, and gradually release essential nutrients into the soil as it decomposes.

Ongoing Monitoring and Maintenance

- **Watering:** Regular watering will be conducted, especially during dry periods, to ensure adequate moisture for establishment. The frequency and volume of watering will be adjusted based on weather conditions and soil moisture levels.
- **Pest and Disease Management:** The trees and shrubs will be regularly inspected for signs of pests or diseases. Any issues will be addressed promptly using appropriate integrated pest management (IPM) strategies to minimise harm to the plants and the surrounding environment.
- **Pruning:** Formative pruning will be carried out as needed to guide the growth of young trees, establish strong branch structures, and remove any dead, damaged, or crossing branches. All pruning will adhere to arboricultural best practices.
- **Protection:** Measures will be in place to protect young trees from potential damage from wildlife, vandalism, or maintenance activities. This may include the use of tree guards or protective fencing where necessary.
- **Fertilisation:** Soil nutrient levels will be monitored, and supplementary fertilisation will be applied only if soil tests indicate a deficiency, using slow-release, organic fertilisers to avoid nutrient runoff.
- **Weed Control:** Weeds within the mulched area will be controlled manually or through targeted application of appropriate herbicides if necessary, ensuring minimal disturbance to the tree roots.

Greenbanks arboriculture

Tree planting & management proposal: August 2025

This comprehensive aftercare and management plan will contribute significantly to the successful establishment, healthy growth, and long-term vitality of the tree and shrub plantings at St. Cecilia's RC High School.