



St Philip Neri with St Bede Catholic Voluntary Academy
Safeguarding
Tree Survey



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Document Control

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Tree Survey/ Plan

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1.0 Introduction

This document accompanies and supports an application for full planning permission in respect of proposed safeguarding (fencing) works to St Philip Neri with St Bede Primary School, Rosemary Street, Mansfield.

The works are felt to be desirable given the high levels of reported crime within the vicinity of the school and repeated attacks upon the school.

The proposed works should reduce opportunities for unauthorised access to the school and along with that reduce the vandalism and crime that the school is currently subject to.

The works are known to abut areas where Tree Preservation Orders are in place (refer to drawing 1295-02-EX-002 which accompanies the planning application). The Tree Preservation Orders all appear to be set outside the school's boundaries, applying to trees that are adjacent to the School site, but not actually within it.

2.0 Amount

The proposal intends to replace existing fencing as follows:

2.1 Rosemary Street

Remove the existing railings, lower the brick piers on the dwarf walls and install a line of 2.4m tall Euroguard Flatform fencing, along with automated vehicular gates (swing gates replacing the existing rising arm barriers) and manually operated pedestrian gates on access control.

In addition the boundary wall will be retained, but at the location of the existing roadside communications cabinets anti climb measures are proposed to prevent the use of the aforementioned roadside communications cabinets as a "hop up" location where the wall can easily be overcome. These works are not adjacent to any trees which are covered by Tree Preservation Orders.

2.2 Playground

The replacement of the existing wire mesh fencing which separates the playground from the car park. To be replaced with new wire mesh fencing, complete with a manually operated vehicle gate, to maintain the existing access provision. These works are not adjacent to any trees which are covered by Tree Preservation Orders.

2.3 Westfield Lane

Replace approximately 50m of existing wire mesh fencing with Euroguard Combi fencing which will deter anyone from climbing into the site, and also disrupt the line of sight from the housing on Westfield Lane which overlooks the school playing / sports field and "forest school" area.

At the Eastern end of these proposed works the fencing is currently entangled with trees which are covered by a Tree Preservation Order. The works will require these trees being trimmed, to create space for a successful installation.

2.4 Tesco car park

Replace approx. 55m of close boarded timber fencing with Euroguard Combi fencing which will be taller and more robust than the existing timber fence which has already had a section destroyed in an arson attack.

These works are immediately adjacent to a line of mature Silver Birch trees (located within the Tesco car park) and works will take place within the root protection areas of these trees.

3.0 Layout

No changes to the layout other than the replacement of existing ineffective boundary treatments in an attempt to improve the security of the site.

4.0 Scale

No changes to the area of the site, or the footprint of any buildings.

5.0 Site Description

It is noted that a number of Tree Preservation orders abut the proposed works, principally in relation to the Tesco car park. It is further noted that the TPO's appear to be located outside the boundary of the School grounds, applying to land which is managed and maintained by others.

Care will be taken to minimise any harm to trees, but some disturbance would be anticipated through the setting of fence posts into the ground, and the possible need to trim back some low branches in order to facilitate installation of the fencing.

6.0 Appearance

As detailed above, existing ineffective fences etc will be replaced with more effective measures.

Other than some minor trimming of branches, which will be kept to an absolute minimum in order to facilitate the installation of the fencing the works are not anticipated to have any impact upon the appearance of the trees.

7.0 Impact of the works

It is anticipated that some minor pruning will be essential to the overgrown trees within the Myplace@Westfield Folkhouse grounds. This pruning will be kept to the absolute minimum necessary to install the fencing.

The works to install adjacent to the Silver Birches on the boundary that runs East West will require the installation of fence posts into the root protection areas of those trees. There is a slim chance that it may also be necessary to prune some branches due to the nature of the construction of the fencing but this is considered unlikely.

The method of constructing the fencing is to install the fence posts into the ground, then attach the wire panels, and then slot the timber slats into the wire panels from above. So at this point it is possible that the slats may clash with branches, but it is anticipated that there will be sufficient clearance and sufficient flexibility in the slats to allow the installation to take place without the pruning of branches, although clearly this cannot be confirmed with absolute certainty at this stage.

8.0 Mitigation

Disturbance to the trees will be kept to a minimum through the works.

All Contractors and sub contractors will be made aware of the presence of the Tree Preservation Orders.

The storage of materials on the ground within the Root Protection Areas will be prohibited.

No chemicals will be stored within the vicinity of the trees or TPO's.

No fires will be permitted at any point during the works.

There will be no vehicle traffic within the TPO's, or the root protection areas.

The root protection area will be bounded by Heras fencing (see diagram below), with signage attached stating "Tree Protection Area – No access or working within this area". At times this will have to be moved to one side, to permit essential access to undertake the works which are located within the root protection area, but this will be kept to a minimum.

A copy of the plan identifying the TPO's and the Root Protection Areas will be available on site at all times.

8.1 Westfield Lane

The works adjacent to Westfield Lane are not anticipated to create an issue as the trees covered by the Tree Preservation Order appear to be in poor condition, having not received any maintenance for some time. The area appears to be an overgrown area of scrubland, containing wind blown litter and is reputedly a den for drug taking.

8.2 Tesco car park boundary (sub heading font/point size please)

The TPO in this area is believed to cover a line of Silver Birch trees. These trees are in close proximity to the existing fenceline and fence posts will be installed within their root protection areas (as is the case with the existing fence line).

We would like to repeat the statement that the existing fenceline has already been the subject of one arson attack which destroyed a number of fence panels (and then a timber structure within the school grounds) and then granted access to the school grounds so the works are considered essential in order to secure the site boundary.

The works will require the installation of fence posts which will be set into the ground on the line of the existing timber fencing, which will be within the root protection areas of the Silver Birch trees.

Fence post centres will be set out prior to any excavation and their centres will be adapted to ensure posts are not installed immediately adjacent to tree trunks.

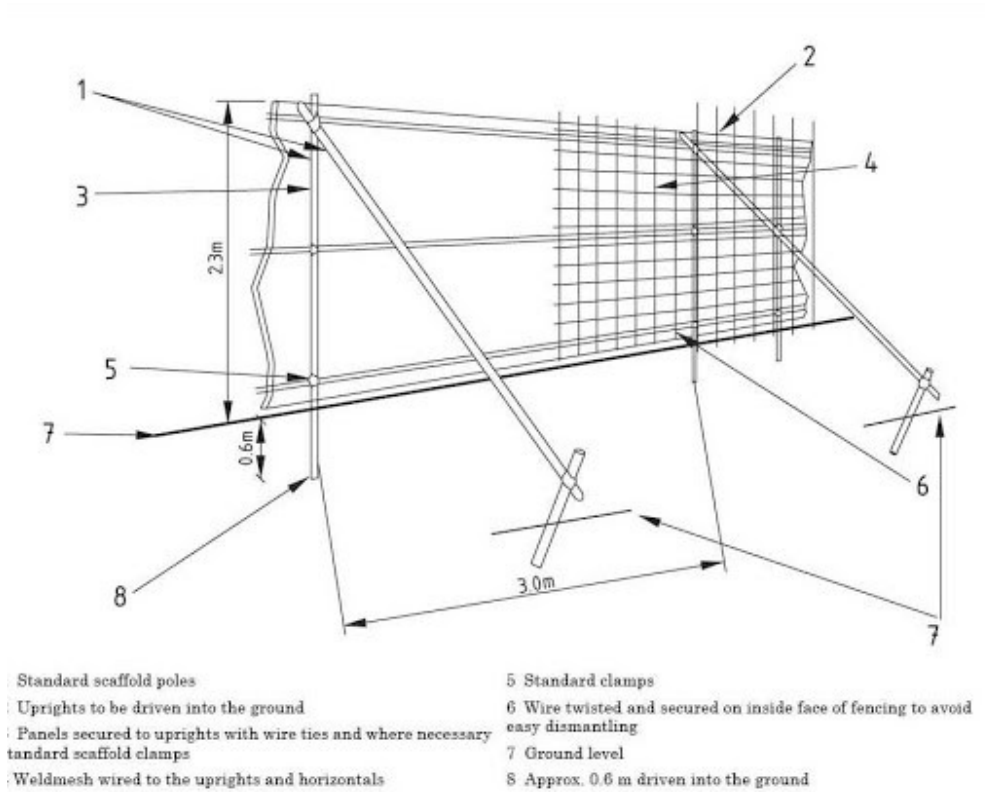
All excavation adjacent to trees or within Root Protection Areas will be undertaken by hand using an auger in order to minimise any impact upon the trees and their roots.

When works are not underway to install fence posts the nearby trees will be protected with heras fencing, which will have signage attached to it to draw attention to the presence of tree roots close to the works area, all to be in accordance with BS 5837.

The location of the Tree Preservation Orders has been included in the Tender documents, being identified on the drawings and also referenced in the Pre-Construction Information.

9.0 Supporting Photographs / Images

9.1 Tree Protection Fencing



9.2 View of edge of Westfield Lane Conservation Area and trees covered by TPO.



9.3 Boundary with Tesco car park, viewed from Tesco side.

Note the line of Silver Birch trees which are believed to be what the TPO's apply to, rather than the trees within the School grounds which appear to sit outside the boundary of the TPO's as identified on the plan supplied by the Local Planning Authority. Note the lack of branches overhanging the fence line and potentially clashing with the proposed fence installation.



9.3 Boundary with Tesco car park viewed from the School grounds.

Note 3 panels further down the fence line which are a different colour, due to being recently replaced after the arson incident.



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