

Protective Fencing

To be erected prior to the commencement of all works on site, and retained in place throughout construction.

Detail Specification: To comprise either 24m wooden stile hoarding, or a 2.3m high scaffolding framework comprising of vertical and horizontal members of steel or aluminium, with all joints welded to be spaced at a maximum of 3.0m intervals and driven into the ground by a minimum of 600mm. On this, standard anti-climb welded mesh panels are to be securely fixed to each other with at least two scaffold clamps and to the structure with at least two additional clamps.

Secondary Specification: To comprise of 2m tall welded mesh panels on rubber or concrete feet. Panels are to be joined together using a minimum of two anti-tamper covers, installed so that they can only be removed by the use of a screwdriver. The mesh is to be supported on the inner side by stabilizer struts, which should be attached to a base plate and secured with ground pins.

All weather notices should be erected at regular intervals on the windward mesh panels with words such as "Construction exclusion zone - Keep out".

Tree Protection Area
KEEP OUT
Do **not** move this fence

TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS
AND/OR ARE THE SUBJECT OF A TREE PRESERVATION ORDER.
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL
PROSECUTION

ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN
PERMISSION OF THE LOCAL PLANNING AUTHORITY

Protective Fencing (Pedestrian

To be erected prior to the commencement of all works on site, and retained in place throughout construction.

To comprise of 1.1m to 1.2m tall welded mesh or plastic interlocking panels on fixed legs or a flat base plate. Panels are to be joined together using an integral coupler.

All weather notices should be erected at regular intervals on the weld mesh panels with words such as "Construction exclusion zone - Keep out".

Trunk Protection

Protective hoarding:
To be erected prior to the commencement of all works on site, and retained in place throughout construction. To comprise of 2.4m wooden site hoarding constructed upon a timber frame work situated around the outside of the planting pit. Where the timber frame is constructed around the tree trunk a minimum of 4 layers of clean dry hessian is to be wrapped around the trunk to protect the bark.
All weather notices should be erected on the panels with words such as "Construction exclusion zone - Keep out".

Construction exclusion zone

A construction exclusion zone (CEZ) is a designated area where there is to be no construction activity what-so-ever. Access to the area for construction personnel or machinery is strictly prohibited and there is no scope for materials or waste storage etc.

Ground protection

The existing hard surfacing within the RPA of T42 and T43, as depicted on the Tree Protection Plan (Arbtech TPP 01) must be retained for the duration of the project. If this is removed, it shall be done so under direct arboricultural supervision and replaced with suitable ground protection, suitable of withstanding the likely loading for the site.

New temporary ground protection should be capable of supporting any traffic entering or using the site without being distorted or causing compaction of underlying soil.

Supervised demolition

Hard surfacing:

Removal of and/or replacement of hard surfacing situated either partially or completely within the RPAs of retained trees shall be undertaken with care and under the direct on-site arboricultural supervision as these areas are likely to contain roots.

Where this is necessary the working course will be broken up by hand tools such as pickaxe, hand tools and a weed barrow to break up and remove the surfacing. If it is necessary to remove the sub base this is to be undertaken using hand tools such as a fork to loosen the material and removed using shovels and wheelbarrows.

In some situations and at the discretion of the arborist it may be possibly to use an excavator using a hydraulic breaker and suitably sized bucket to remove the surfacing. This method must be used if it is situated outside of the RPAs, on top of the hard surfacing working away from the RPAs or from ground breaking.

Which ever system is used this is to be **NO** disturbance of the soil beneath. If roots are found they are to be covered over with damp hessian and a layer of either sharp sand, wood chip or top soil to protect them.

— Supervised Excavation

All excavations within and immediately adjacent to RPAs are to be undertaken under direct on-site arboricultural supervision.

Any roots that are to be cut will be cleanly severed by the project arboriculturist using a suitable hand saw or secateurs. The edge of all excavation closest to the retained trees will be covered over with damp hessian to prevent drying out, and where necessary be shuttered to prevent soil collapse or contamination by concrete.

'No Dig' Surfacing

Multi-dimensional confinement system
 Extensive vegetation may be removed with hand tools or sprayed with an approved non residual herbicide such as 'Glyphosate'. The new hard surfacing will be constructed using a No Dig surfacing situated entirely above the existing soil surface and where needed using a proprietary cellular confinement system (GeoWeb® or similar) laid over a bio-pesticide. The cellular confinement system will be applied in small hollows on the surface may be filled with clean sharp sand (not builders sand); to a maximum depth of 150mm. The GeoWeb® is to be back filled by hand with a no-fines aggregate of 20mm - 30mm. The area of GeoWeb® will be covered with a permeable geotextile fabric and the finished wearing surface will be constructed using an appropriate material and strength to be set above ground level and secured with haunching or steel pins driven into the ground. The outer edge of the supports may be banked up with a clean top soil.

NSP The use of a multi-dimensional confinement system will affect the finished hard surface surfacing by raising the levels and needs to be taken into consideration when designing foundations and setting the finished floor levels of adjacent buildings.

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Arboricultural Supervision

The arboricultural consultant will be required to attend site to directly supervise all demolition and construction works that have to be undertaken within the root protection areas. This will include:

1. Pre-commencement site meeting.
2. Location of protective measures.
3. Installation of no-go hard surfacing within the RPA of T09.
4. Manual excavation of hard surfacing within the RPA of T11.
5. Removal of hard surfacing within the RPAs of T10 and T11.
6. Supervised excavations fence posts within RPAs of trees T10 and T11.
7. Any demolition and/or excavations within or adjacent to RPAs, including foundations, hard surfacing or underground services (a non-exhaustive list).
8. Arboricultural sign off and removal of protective measures.

Arboricultural Method Statement

Please refer to Arbttech Consulting Ltd. Tree Schedule and Arboricultural Method Statement, for full details on all surveyed trees and how all aspects of the the development maybe implemented without detriment to retained trees.



Project: Rosedale College,
Wood End Green Road,
Hayes,
Middlesex,
UB3 2SE

This drawing is designed to reflect the principles of the layout or design only, and relates only to the protection of retained trees.

This drawing is not to be read as a definitive part of the engineering or construction designs or method statement.

An architect or structural engineer should be contacted over any matters of coordination, detailing or specification in relation to any standards or regulatory requirements relating to proposed structures, felling, earth retaining or underground services.

This drawing was produced in colour - a monochrome copy should not be relied upon.