

### Arboricultural Method Statement

**Date:** 18th June 2021

**Site:** 21 Lyndhurst Road, London NW3 5NX

To be read with reference to M+R Tree Protection Plan drg. 5181-PL-01

### **Tree Protection Measures**

The location of temporary tree protection barriers and the areas they protect, are shown on the Tree Protection plan, reference M+R drg. 5181-PL-01. The precise location of the barrier is shown on this plan.

### **Vertical Barriers**

Physical protection measures should be used, to ensure that for the retained trees, the designated RPA becomes an exclusion zone during any stage of development. Fencing will prevent machinery, men, materials and other site activities from occurring within the RPA or damaging the tree crown.

Vertical barriers should be fit for the purpose of excluding construction activities, and appropriate to the degree and proximity of the site operations. Once erected, the fencing should be treated as sacrosanct.

### **Tree Protection Barriers**

Fencing to root protection areas of the retained trees should be constructed of Heras Mesh System wired fencing approximately 2.0m high, with each panel 3.5m wide, securely fixed to one another using a minimum of two anti-tamper couplers; erected on rubber or concrete feet. The system should be supported on the inner side by stabilising struts secured with a ground pin or block tray.

Due to the limited space on site restricting the possibility of heavy machinery to the rear garden, it is reasonable for the vertical barriers to be of the 'lesser' specification, as detailed with BS5837: 2012.

All weather notices, with the words 'Construction Exclusion Zone – No Access', should be attached to the barriers.

The fencing shall exclude access during the construction process. The protected areas shall not be used for: the storage of materials or spoil, the mixing of substances or the disposal of any residues. The root protection areas shall not be contaminated with run off from mixing activities or chemicals beyond protection zones. Thus, fencing for the protection of the root zone subject to site specific modifications, comply with requirements of British Standard 5937:2012 'Trees in Relation to design, demolition and construction – Recommendations: section 6.2.2 and Figure 1 (see below).

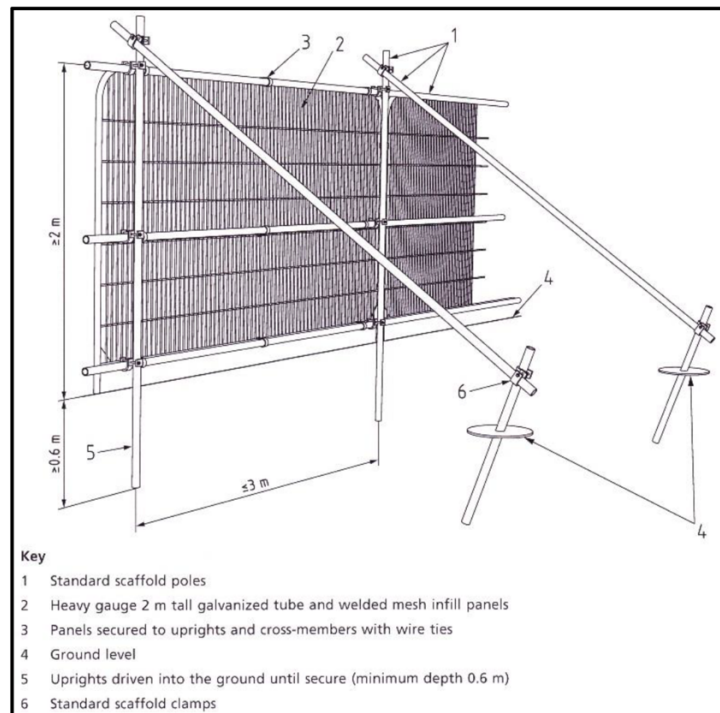


Figure 1: Illustration of default specification vertical barrier (reproduced from BS5837:2012)

### Root Zone Mitigation

There is development within proximity of the notional Root Protection Area (RPA) of the Magnolia which is being retained, mitigation measures should be implemented to improve the soils and rooting environment as per Clause 5.3 of British Standard 5837:2012.

### Root Pruning

Roots with a diameter of 25mm or smaller may be pruned and excavation and construction can continue. Roots must be pruned using a sharp and sterile pair of secateurs and/or hand-loppers.

Roots with a diameter greater than 25mm cannot be pruned and must be retained. If exposed, these roots must be covered with hessian and kept wet during periods of no rain or during the winter when frost damage can occur whilst exposed. Alternatively they should be covered over with backfill while completing working in the area.

Massed bundles of fibrous roots can be unwrapped and gently manipulated around any foundations. Work within the RPA must be carried out using hand tools only.