

Protection and Retention of Existing Vegetation

The Contractor shall exercise extreme care when performing operations beneath the canopy of existing mature trees and vegetation and within the specified Root Protection Areas designated for protection and avoid at all times damage to the roots, trunk and branches.

All excavations, cultivation and grading beneath the canopy of existing mature trees and within the specified Root Protection Areas of the existing trees and vegetation shall be carried out using hand tools, taking care not to damage or disturb any existing tree roots.

All trees to be retained on site shall be protected with fencing erected around the area of mature vegetation in accordance with BS 5837; 2005; 'Trees in Relation to Construction'. The fencing shall be installed, protected and maintained during the main works by the Contractor who shall be responsible for protecting any area beneath the canopy of the existing trees and within the specified Root Protection Areas.

The installed protective fencing shall be 2.3 metres height 'Heras' Welded Wire Mesh Fencing or 2.1 metre height Timber Py Hoarding, secured to a scaffolding framework, set into the existing ground, and positioned to the outside edge of the existing tree Root Protection Areas specified. All tree protection to be in accordance with BS 5837:2005 - 'Trees in Relation to Construction'. The fencing should be strained, and fixed to fences, walls, knee rails where possible to provide a complete protected area.

Day-glo ribbons shall be maintained during the main works by the Main Contractor attached to the top of the fencing to ensure that the fencing is clearly visible during the works. Fencing shall be used to enclose the full canopy spread of any tree in accordance with the specified Root Protection Areas and generally with 1.5m on either side of any hedge

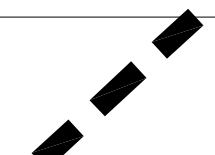
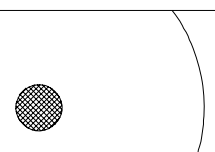
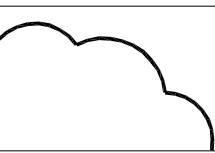
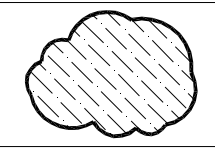
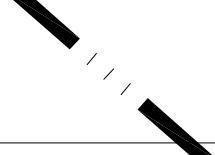
All such fencing shall be maintained for the full contract period. All necessary excavations, earthworks and cultivation beneath the canopy spread of any existing tree; shrub or hedge shall be undertaken by hand. Repositioning of the protective fencing during the course of the contract as the contract works progress shall need to be agreed with the Landscape Architect.

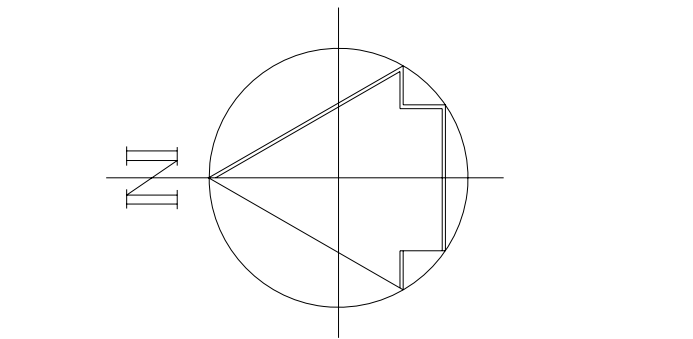
At the end of the contract period the Contractor shall remove protective fencing from the site. All retained vegetation shall be healthy and thriving at the handover date.

Within the protected area the following activities must not take place;

- No vehicles are to be used in the fenced off areas;
- No materials are to be stockpiled or stored;
- No chemicals are to be stored;
- No excavation or increase in the soil level shall occur;
- No fires shall be lit on site.

Legend

-  **Site Boundary**
-  **Existing Trees to be Retained and Protected on Site.**
All tree protection to be in accordance with BS 5837:2005 - 'Trees in Relation to Construction'.
-  **Existing Shrubs**
Existing Trees and Shrub Vegetation to be Retained and Protected on Site During the Construction Process.
-  **Existing Shrub Vegetation to be Removed**
Existing Shrub Vegetation to be Removed from Site Prior to Tree Protection.
-  **Tree Protective Fencing**
Tree Protective Fencing to be 2.3 metres height 'Heras' Welded Wire Mesh Fencing secured to a scaffolding framework, set into the existing ground, and positioned to the outside edge of the existing Tree Root Protection Area. All tree protection to be in accordance with BS 5837:2005 - 'Trees in Relation to Construction'.



Rev	Description	Date	Initials
00	Planning Issue	03/12	ET

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Drawing title Tree Retention & Protection Plan		
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