

Tree Protection Plan

Site Address:

Colt International

New Lane

Havant

PO9 2LY



Statement

Hughes and Salvidge have been appointed as the Principle Contractor for the demolition of the disused Colt International building, New Lane, Havant, PO9 2LY.

In carrying out these works there will be the potential for interface between the demolition works and the surrounding trees which are to remain as per technical arboriculture drawing **TCP-KC/HCA/COLTS/001**.

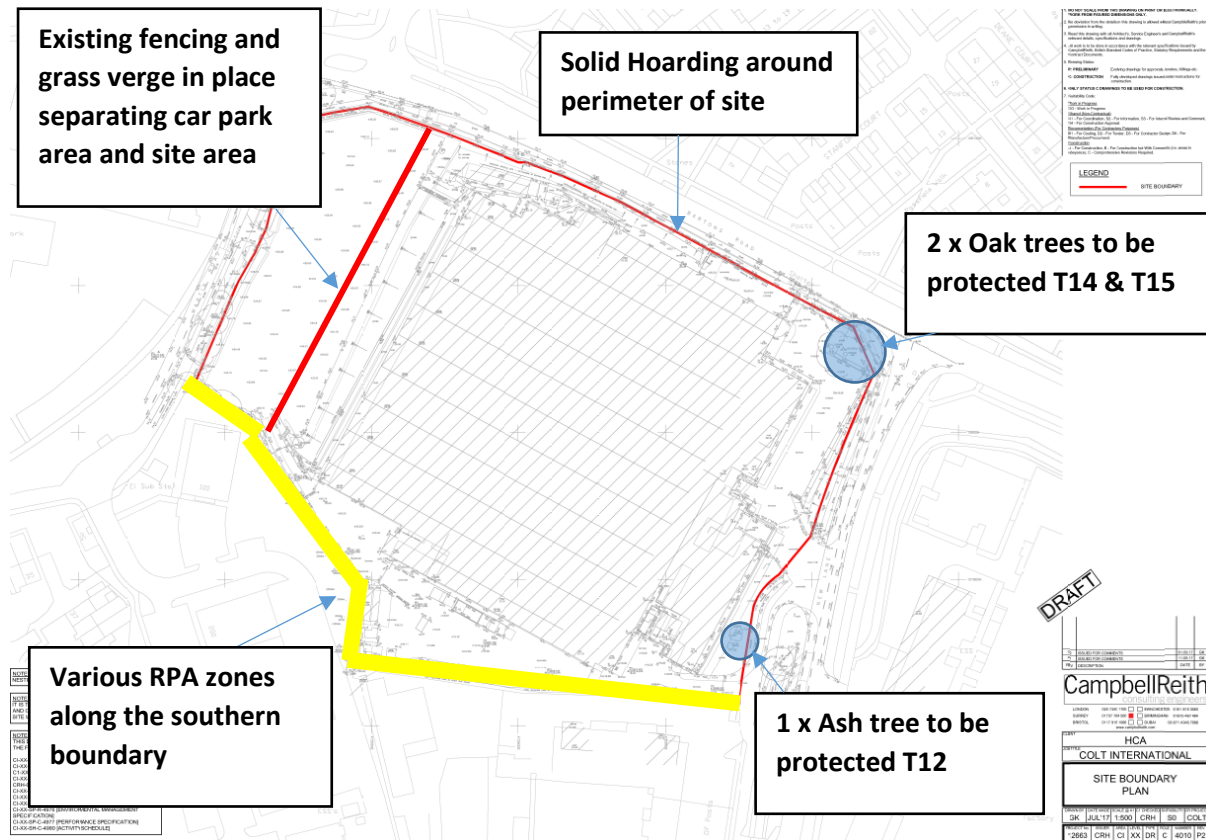
In order to eliminate risk to trees, Hughes and Salvidge will install a solid 2.4-meter hoarding along the East and South side of the site, utilising the existing palisade fence and earth bunding on the North and West side. All but 3 trees are located outside of the site confines although there are some RPA (root protection areas) which protrude into the site in various locations and in particular the Southern and Western boundary, the solid hoarding will be installed outside of this area and the solid hoarding will form the exclusion zone for all plant throughout the duration of the demolition works.

On the Western Boundary, there is a car park area preceded by a grass verge and fence line. No works are permitted within the car park area and beyond the grass verge and fencing.

Signage will be fixed to the fencing in this area keeping all plant and personnel out.

For the trees within the confines of the site, a specific solid barrier will be installed prior to any plant arriving on site which will be constructed of tubular scaffold and Heras fencing.

Site Plan



Hoarding Specification

The solid perimeter hoarding will be constructed to the following specification which will ensure all but 3 trees are outside the confines of the site during demolition works. As mentioned previously for the RPA on the southern boundary the solid hoarding will act as tree protection when installed. This will be marked outside of the RPA and allow the fence posts to be set into the ground

The existing grass verge and fencing will be utilised on the Western Boundary

The hoarding will remain on site after all works complete

Hoarding Specification

The following spec will be followed in the construction of the perimeter

3.18. Hoarding Requirements

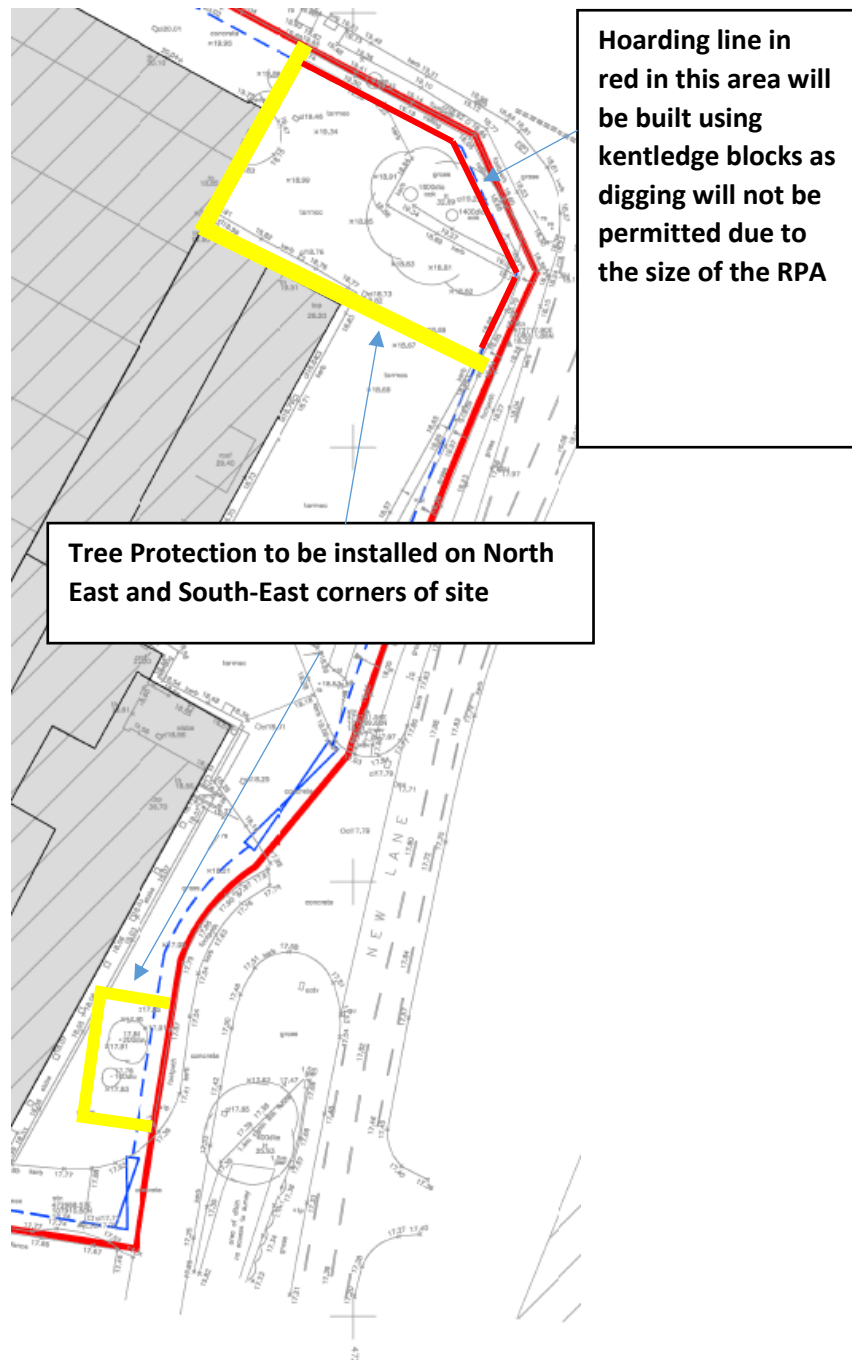
- 3.18.1. Hoarding should be provided in accordance with drawing reference 12663-CRH-CI-XX-DR-C-4010 and 12663-CRH-CI-XX-DR-C-6075. 2.4m high hoarding boards are required.
- 3.18.2. The hoardings are to be designed to withstand the site wind loads calculated in accordance with BS 6399 pt. 2 and to be suitably detailed and protected to give a minimum 5 year design life.
- 3.18.3. The Contractor is to use external grade plywood and timber treated with pressure impregnated organic solvent preservative. Hoarding and kick boards to be painted on both sides to the colour specification of the Employer and/or Contractor Administrator.
- 3.18.4. All access points must have gates that can be locked.
- 3.18.5. Unless expressly agreed with the Employer and Contract Administrator, hoarding must not be fixed to adjacent buildings or fences. The Contractor is to be aware that a number of trees are present within and around the site; these trees and their associated root protection zone are to be protected throughout the works.
- 3.18.6. The hoarding shall be maintained at all times and on completion of the works, the timber hoarding is to remain.

Where the hoardings overlap RPA as per the tree constraints plan and the protective fencing cannot go around the RPA, the hoarding will be anchored with suitable concrete weights so as to avoid digging and will remain on the hoarding plan line. This is only applicable on the North-Eastern corner where the RPA of T15 prevents dug in hoarding posts.

In this area as pictured below, there will be additional scaffold and heras tree protection barrier

Tree Protection Spec within site

For the 3 No. trees which will be within the site confines, prior to any plant arriving on site the following specification of tree protection will be installed.



Root Protection Area Fencing Details

Protective Fencing Specifications

Since trees are living organisms which interact with their immediate environment any changes made to their surroundings may have a bearing on that trees future. Developing a site will undoubtedly place any trees within close proximity under some level of stress, which could predispose them to infection.

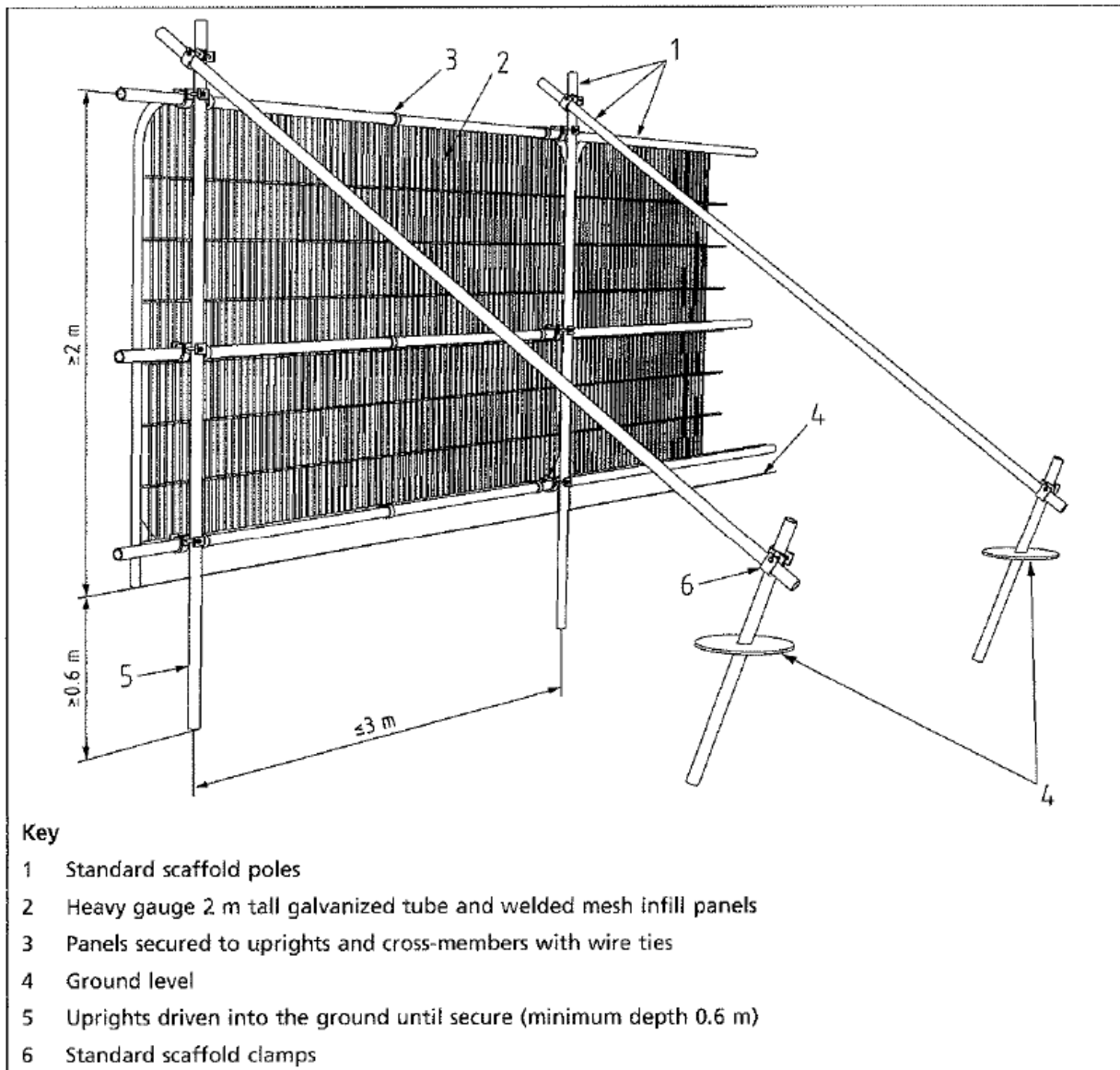
The most effective way of offering protection is by erecting protective barriers set at a distance from the tree stem using the methods given within BS 5837: 2012 Trees in Relation to Construction. Barriers should be braced and constructed to resist impacts; see figures below for barrier specifications.

Barriers should be erected before any works commence on site with the exception of recommended tree work. Areas of retained and future structure planting should be similarly protected. *

All personnel should be made aware of the protected areas and instructed to keep them free of materials, waste and excess soil. Soil disturbance should be prohibited and travel of any kind, including foot traffic should also be excluded within the root protection area (RPA) unless previously agreed and adequate ground protection has been installed. Where foot traffic is agreed within the RPA, single thickness scaffold boards laid over a compressible material on a geotextile, or supported by scaffold should suffice. Where vehicular access through the RPA is agreed an engineer should be consulted to design adequate ground protection methods.

*It has been determined that works within the buildings such as soft strip activities can be carried out during the time the tree protection measures are being implemented such as asbestos removal works and soft stripping, providing all persons are briefed on the Tree Constraints Plan during a site induction.

All protection **MUST** be in place prior to plant arriving on site.



Where the RPA protrudes into the site, on the southern perimeter the hoardings will be set outside of the RPA and will form a fixed barrier between site works and the RPA.

Closing Statement

In addition to the above measures being put in place, the trees to be retained and the location of the RPAs will be highlighted to all persons on site through site inductions and tool box talks.

The tree plan will be displayed in site offices and canteen, appropriate signage will be fixed to tree protection fencing to ensure clearly visible.